

Enviro-News

February, 2020

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:

Regional Bicycle Master Plan: Community Meetings

The Greater Buffalo Niagara Regional Transportation Council and its partners want your input on biking in Erie and Niagara Counties! We invite you to learn about the Regional Bicycle Plan at either one of the community workshops and help us improve bicycling in our region. Workshops will be from 5-7pm on **February 4** at YWCA, 32 Cottage St., Lockport and **February 5** at ECC South, 4041 Southwestern Blvd., Orchard Park. [Register](#) today and share your voice!

Calculating your Carbon Footprint

WNY Sustainable Business Roundtable is kicking off the New Year and New Decade with a Carbon Footprint Semester! Join WNY SBR on **February 6** from 4 to 6pm at National Grid, 144 Kensington Ave., Buffalo. SBR Members to learn more about how businesses can calculate their own carbon footprint. Free to members, Non Members: \$25. [Learn more and register here.](#)

Community Solar is for Everyone

Join Sierra Club Niagara Group for "Community Solar is for Everyone" on **Thursday, February 6** from 6 to 7:30pm at Crane Library, 633 Elmwood Ave., 2nd floor. Three Community Solar experts will speak about local opportunities to participate in community solar. There are no costs, only savings for those that get in on the projects. This can work for everyone, renter and owner, since the projects are not on your roof. Come and learn how you can be green and save on your electricity bills all year long. Feel free to email me for more information. This is going to be an excellent [informational](#) evening that can lead to a win/win for you and the planet.

Winter Wonderland at Reinstein Woods

Come celebrate "Winter Wonderland in the Woods" on **Saturday, February 8** from 12 p.m. to 4 p.m. at Reinstein Woods Nature Preserve in Depew. Visitors can discover a variety of outdoor pursuits during the event including demos for ice-fishing demos, snow-shoeing and skiing. Kids can also express their creative side in the nature art area and make crafts indoors. The Niagara Frontier Search and Rescue Team will be on hand to talk about winter rescue and will provide a compass navigation course for participants looking to test their navigation skills. An Erie County Park Ranger will offer brief winter wildlife survival hikes throughout the day. Hot drinks and snacks will be sold. The SPCA Wildlife Department and Project Thruway Turtle Watch will have live animals and discuss wild animal rehabilitation. Visitors can recycle alkaline batteries in a hands-on demonstration by The Coalition of Positively Charged People. The event will take place regardless of snow conditions, and registration is not required for this free event (donations welcome). For more info, contact Reinstein Woods at 683-5959, or visit the [Reinstein Woods Nature Preserve website](#) and search for "Winter Wonderland."

Birds on the Niagara Two-day Celebration

The 2nd Annual Winter Celebration of Birds on the Niagara will be held **February 14 and 15**. The events kickoff with Beers and Brews at Flying Bison Brewery from 6-8pm (hosted by Buffalo Audubon) on February 14. On Saturday February 15, there are many outdoor and indoor events, and indoor programming by a variety of partners and participants. The full schedule of international events is [available](#).

2020 Waterkeeper Water Academy Ongoing

The spring 2020 **Water Academy** course will meet on Thursdays from 4:00pm – 6:00pm starting January 23rd through May 14th. Class sessions will be held at the East Hill Foundation in North Tonawanda and at various locations throughout WNY. Weekly classes will include interactive group discussions, educational games, guest lectures, small-group activities, field sessions, hands-on workshops and traditional presentations. To register for the Water Academy program visit <https://bnwaterkeeper.org/programs/wateracademy/>. A Water Academy tuition of \$50 per class or \$250 per semester will apply.

Explore Buffalo School Docent Training

Would you like to give tours of Buffalo to K-12 students? In 2019, more than 4,600 K-12 students participated in an Explore Buffalo school tour. Become a School Docent and educate local students about their city! Applications due by **February 24**. Training is Mondays, Wednesdays and Fridays from 9am to noon from March 9-27). [Learn More](#)

Bike-Friendly Business Certification

Bike Friendly New York (BFNY) is a certification program that recognizes businesses and establishments that accommodate bicycles and the people that ride them. To get certified, review requirements at www.ptny.org/bikefriendly, fulfill required criteria, and apply for review. Certified businesses can promote on their website and display on windows and other promotional materials.

Best Practices for Diverting, Preventing & Managing Wasted Food: Webinar

Tackling food waste can yield many benefits for businesses, nonprofits, institutions and municipal governments that are directly or indirectly involved with food management and/or food recovery. The New York State Pollution Prevention Institute will present a 30-minute webinar on February 12 at 11am on experiences across New York State focused on turning waste streams into value-add products, setting up a diversion program, and implementing a community scale composting pilot. We will also highlight available resources that include technical assistance, best practices, and tools to reduce and recover food waste through the Institute. [Register](#).

Wildlife Rehabilitation Classes

Wildlife Rehabilitation training will be offered on Saturdays from **February 22 through March 21** from 10am to 1pm at Starpoint Central School, 4363 Mapleton Road, Lockport, NY 14094. Registration will be through [Starpoint Central School Community Education](#). Cost is \$110. Session 1 is designed to prepare future rehabilitators or volunteers for beginning rehabilitation of wildlife. Safety in handling, capture techniques, and transporting. Anatomy, care and treatment of orphaned/ injured mammals, and diseases of mammals. Triage care of distressed mammals and birds. Educating the public on issues regarding wildlife. The focus will be on mammals to obtain a NYS DEC wildlife rehabilitator license. Session II specifically focuses on the rehabilitation of wild birds. Following each session, all students are given a certificate of completion that can be used when applying for their NYS license application and US F&W application permit.

Transforming our Tomorrow 2020: A New Clean Energy Vision

UB Sustainability is searching for students from across New York State to present their revolutionary clean energy ideas. Students that have completed a project or program, or have an idea for a new policy or invention, can apply to win a cash prize at the University at Buffalo's Transforming our Tomorrow: A New Clean Energy Vision. Participants will have five minutes to showcase their work either in teams or individually in front of a panel of judges on UB's campus in April. Arrangements can be made for competitors that cannot make it to UB's campus. Applications are **due on February 14th** and may be submitted via a short 1-2 minute video or 2-3 paragraph written pitch. The competition is open to students working on a school project in the renewable field or just have a passion for clean energy and might be interested in applying. For more information and how to apply, [click here](#).

Climate Leap Forward: A Forum to Meet the Climate Crisis

On **Saturday February 29**, there will be a forum to address how religious communities can promote climate justice. The event is from 9 AM – 3 PM at Westminster Presbyterian Church in Buffalo. The Rev. Dr. Jim Antal, will share models for activism in the church across the nation and explore with us the climate challenges to Western New York. We will discern how God calls us to collective action and send participants back to their congregations to encourage commitment and action to climate justice. Cost is \$10, Students: \$5 and lunch is provided. For more info and to register, <https://westminster-events.org/event/2020-vision-climate-leap-forward/>

Preservation Awards Nominations Now Open!

Preservation Buffalo Niagara is now accepting nominations for the 2020 Preservation Awards which celebrate the best in preservation projects and education throughout Western New York. Previous winners include Christine Parker, Tipico Coffee, Hotel Henry, and the Hamlin Park Taxpayer and Community Association. [Nominations](#) for the 2020 Preservation Awards are due by **Friday, February 28th** at 5pm.

Environmental Excellence Awards: Nominations Sought

The Erie County Environmental Management Council's Environmental Excellence Award is currently accepting applications. Started in 2015, this program recognizes exceptional projects carried out by municipal and non-profit organizations in Erie County that stand to have a significant and lasting positive impact on the natural environment. The awards program is designed to showcase and promote projects that can be replicated in communities across Erie County and beyond. Projects could be in the areas of Planning & Design, Land Use and Zoning, Natural Resource Protection, Air and Water Quality, Ecosystem Health, Energy and Transportation, Agriculture and Forestry, Solid Waste Management, Contaminated Sites, Community Action & Education, Climate Change or any other related subject area. **Applications are due March 6th, 2020, with an award ceremony on April 26th, 2020.** For more information and to download the short application, please visit: <http://www2.erie.gov/environment/index.php?q=environmental-management-council#Awards>

Applications now available for Garden Walk Buffalo's Lunenfeld Beautification Grants

Garden Walk Buffalo has its eye on beautifying Buffalo by providing grants to block clubs and community groups toward projects like community gardens, street side planters, historical garden restoration, street pole banners, annuals for baskets – pretty much any garden-related project – in the Garden Walk Buffalo footprint. Lunenfeld Grant Applications are now available [online](#) – but the deadline is **Saturday, February 29, 2020** with funding awards announced late April. The awarded projects will be highlighted during this year's Garden Walk. The Marvin Lunenfeld Beautification Grants are named in honor of Garden Walk Buffalo's founder, Marvin Lunenfeld.

Volunteer Training for Botanical Gardens

Volunteer orientation for Buffalo & Erie County Botanical Gardens will be held on **March 4** from 10am-2:30pm. **FREE! Please RSVP by February 28.** You may train as a horticulture volunteer and work inside and outside the greenhouses. Or, your choice may be to help maintain our facilities with carpentry, electrical, and maintenance work. Maybe you would prefer administrative support and computer tasks. Or, you may be tempted to work in the Gift Shop or admissions. Training as an education volunteer means you would provide hands-on activities for visitors of all ages. Finally, there are volunteers that help with special events and weddings. Branch out and turn over a new leaf. Join our family! **INTERNSHIPS AVAILABLE!** Call Karen Hammer, Program & Volunteer Coordinator, khammer@buffalogardens.com - 827.1584 ext. 207 to join the Botanical Gardens' Volunteer Family.

Conservation Reserve Program Enrollment Open

The U.S. Department of Agriculture (USDA) Farm Service Agency (FSA) [opened](#) enrollment for the Conservation Reserve Program (CRP). Producers have until **February 28, 2020**, to sign up for general CRP, while sign up for continuous CRP is ongoing. Farmers and ranchers who enroll in CRP receive a yearly rental payment for voluntarily establishing long-term, resource-conserving plant species to control soil erosion, improve water quality and develop wildlife habitat on marginally productive agricultural lands.

Nominations open for *Erie Canalway Heritage Award of Excellence*

We are accepting nominations for the 2020 Erie Canalway Heritage Award of Excellence through **February 28, 2020**. The award recognizes outstanding places within the National Heritage Corridor where people have come together to preserve our canal heritage or to make the Corridor a vibrant place to live, work, or visit. Nominations may include (but are not limited to): waterfront parks or developments, community Main Streets, heritage sites, museums, trails, historic buildings, canal structures, or an entire community. Municipalities, community groups, private entities, and non-profit organizations are encouraged to submit a [nomination](#).

Boot Brush Station Program

Each year we work with partners to install more boot brush stations in western New York. We supply the materials while our partners install the sign on their public property. These signs educate trail users about invasive species and their effects and also serve to prevent the movement and spread of invasive species along trails and into sensitive areas. They are easy to install and will provide benefits for years to come. We are currently accepting [applications](#) for WNY PRISM's 2020 Boot Brush Station Program. **The deadline to apply is Sunday, March 1, 2020.**

2020 Erosion and Sediment Control Workshops

Erie County Soil and Water Conservation District and WNY Stormwater Coalition will host a DEC-Endorsed 4-hour Erosion and Sediment Control Workshops for Construction Site Contractors and Operators on **Thursday February 13th**, in Blasdell. Registration fee is \$95.00 per attendee and includes refreshments and all training materials. Attendees must pre-register. Please contact Don Stribick at (716) 652-8480 to register.

Niagara County SWCD is hosting a NYSDEC 4-hour Erosion and Sediment Control Training on **March 4, 2020**. Information about the training can be seen [on our flyer](#) or on the [NYSDEC website](#). Registration deadline is February 28, 2020.

2020 Tree & Shrub Program

The annual sale and distribution of evergreen and deciduous seedlings and transplants for the conservation of natural resources and the enhancement of forestry resources, wildlife habitat and economic development is going on. For Niagara County, the tree and shrub order form can be downloaded [here](#) with an order deadline of **March 6**. To [order for Erie County](#), the deadline is **March 13**.

Master Gardener Education Day

This year's Master Gardener (MG) Education Day will be **Saturday March 14, 2020** at Classics V on Niagara Falls Blvd., 9-3. The cost is, \$45 for MG's out of county and \$55 for the public. Hot buffet lunch included. There will also be an excellent basket raffle and book signing. Speakers include Joseph Tychonievich (author of Plant Breeding for the Home, The Complete Guide to Gardeners, and Rock Gardens) and Joseph Han (founder of The English Gardener). Register online at: <https://reg.cornell.edu> or call Jolie at CCE, 652-5400 ext: 176.

Climate Change Research-A-thon: Community Groups and Faculty Invited to Participate

Climate Change Research-A-Thon is an initiative organized by Dr. Stephen Vermette through the Department of Geography & Planning at SUNY Buffalo State. The objective is to empower college students with interests in the environment, planning, sociology, economics, and law, among other disciplines, to brainstorm ways that WNY can address local climate change issues. Instructors of college courses are invited to incorporate this initiative within an existing course or to organize a student team, involving either a student club or a team organized specifically for the Research-A-Thon to tackle a specific question of their choosing from questions developed by local community groups or institutions. The involvement can be any length of time – working through an entire semester, a class assignment, or a one-day activity. The goal is to launch this initiative during the Fall 2020 and Spring 2021 semesters to accommodate scheduled courses. The outcomes of the Research-A-Thon – student products – will be presented on a web site. With guidance, the format of each product will be determined by the participating instructor/students. The web site will also include an edited summary of each effort. We anticipate presenting the student findings to the WNY community. If you are: an instructor willing to incorporate this initiative within a course (or to organize a student team/club) or a community group willing to provide a specific question in the future, please contact Dr. Stephen Vermette at vermetjs@buffalostate.edu. I will keep interested parties up to date on the Climate Change Research-A-Thon. Thank you for your participation in this timely initiative.

“Fossils of New York” and 52nd Annual Gem, Mineral and Fossil Show

“Fossils of New York” will be featured at the Buffalo Geological Society's 52nd Annual Gem, Mineral and Fossil Show on **March 21-22, 2020**, at the Erie County Fairgrounds in the Grange, Market and New York State Police Buildings in Hamburg, NY, on Saturday, 10 am-6 pm and Sunday, 10 am-5 pm. This annual show provides an instant museum of Buffalo Geological Society Members fossils, minerals, and jewelry; demonstrators; the famous Mini-Mine for young collectors; the new mining operation for children and adults; mineral and fossil identification; and a variety of non-profit exhibitors. Demonstrators include a soapstone carver, jewelry designers, and other lapidary artists. In addition, over 32 dealers selling gems, beads, minerals, fossils, and jewelry, selling their items from around the world. A food vendor and hourly door prizes will be available. Adults are \$6 each, scouts in uniform and children under 12 are FREE. A 2-day admission for \$9 each is also available. FREE parking. Wheel chair and stroller accessible. For any additional information or questions, please contact Jerry Bastedo, Show Chairman, at jcbastedo@gmail.com.

Come Celebrate All Things Wild: 3rd Annual Wildlife Baby Shower

SPCA Serving Erie County will hold its 3rd Annual Wildlife Baby Shower on **March 21** from 10am to 2pm at its facility at 300 Harlem Road in West Seneca. At this year's baby shower, help us fill the incubator with cash donations, learn how you can help local wildlife, and get a closer look at wildlife with ambassadors from the SPCA's Wildlife Department, SkyHunters USA, and the Citizen Coalition for Wildlife and Environment. For more information, please visit our [website](#).

Western NY Buyer-Grower Conference

The Western New York Buyer-Grower Conference has been rescheduled for **March 23, 2020** at the Foundry Suites in Buffalo from 9am to 6pm. Whether you're a farmer curious about selling to restaurants and institutional markets or a buyer that wants to source more New York State products, this event is for you! Join co-hosts Field & Fork Network and Cornell Harvest NY for a day filled with business-to-business networking, knowledge sharing, access to financial resources, and building overall awareness of the regional food and ag industries. [Tickets.](#)

Organics Summit

The [6th Annual New York State Organics Summit: Food as a Resource – Expanding Opportunities](#) will take place **April 7-8, 2020** in Albany, NY at Albany Capital Center. This yearly event is an opportunity to connect with over 150 New York State materials management professionals and others to share success stories and discuss creative solutions to barriers that restrict the sustainable management of organic materials, with a specific focus on wasted food and food scraps. Early Bird Registration ends March 24, 2020 at midnight (Increase of \$30 after March 24)

Sixteenth Annual Symposium on Energy in the 21st Century

“On the Road to 100% Renewable Energy: Challenges and Opportunities” is the theme for this year’s Symposium on Energy. It will be held **April 17, 2020** at The Links, East Syracuse. Register [Here](#). **Early Bird registration thru Feb. 29.**

Climate Justice and Community Engagement: Addressing the Climate Crisis

A non-credit course “Climate Justice and Community Engagement: Addressing the Climate Crisis” will be taught by Dr. Erin Robinson at Canisius College. This course will explore climate justice and community engagement through a grassroots perspective. Course material will cover the social and historical trajectory of climate change including the social construction of science, denial movements, impacts on refugee and migration patterns, and strategies and tactics for engagement at the local, regional, national, and global scale; as well as a review of the UN Sustainability Goals and practices and the classification of a climate in crisis. Classes meet on Wednesdays from 6 to 7:30pm beginning on **March 11** (5 sessions). For info, contact robinso5@canisius.edu. [REGISTER](#)

New York State Green Building Conference

Experience the NYS Green Building Conference on April 2 and 3 at the historic Marriott Syracuse Downtown, formerly Hotel Syracuse, and enjoy this newly renovated hotel with convenient features and a contemporary feel. A limited number of rooms are available at the special rate of \$141.00 per night! [CONFERENCE AGENDA NOW AVAILABLE!](#) [Register.](#)

Buffalo Food Waste Diversion is Available Year-Round

The City has tested and is launching year-round collection of food waste in an outdoor collection bin at Elmwood Avenue and Bidwell Parkway. Food scraps will be transported by Natural Upcycling to Buffalo River Compost. Since June 2019, over 1000 people have participated in the “Scrap it” program with six summer locations available for drop-off. Acceptable materials are fruits and vegetable scraps, coffee grounds and filters, egg shells, tea bags and nuts. For more info, visit www.buffalorecycles.org.

WNY Land Conservancy Receives Grants to Protect College Lodge Forest near Fredonia

The Western New York Land Conservancy has received two grants toward protection of the College Lodge Forest, located in Chautauqua County near Fredonia. The grants include \$150,000 from New York State Office of Parks, Recreation and Historic Preservation and \$203,000 from the U.S. Fish and Wildlife Service. Combined with \$40,000 already donated by community members, the Land Conservancy has now raised nearly \$400,000 to protect the forest. The Land Conservancy has until December 31, 2020 to raise at least \$790,000 to buy the property, keep it open as a publicly accessible nature preserve, and maintain the land forever. The College Lodge Forest sits atop a ridge overlooking the Lake Erie plain in Chautauqua County. The property was purchased in 1939 by SUNY Fredonia students, with their own funds, for the main objective of promoting health outdoors. Since then, the land has been a prized learning laboratory for thousands of teachers, researchers, and students. It boasts a network of hiking trails, an incredible diversity of plants and animals, a pristine wetland, and old growth forest. Old growth forests are rare in Western New York, and this is one of the best preserved patches in the region. Interestingly, the land sits on a continental divide: on one side rainwater drains towards Lake Erie and the Atlantic Ocean, while on the other side it drains towards the Mississippi River and the Gulf of Mexico. The 168-acres of forest that the Land Conservancy will purchase includes miles of hiking, snowshoeing, and cross-country ski trails. Once purchased, the Land Conservancy will maintain it as a publicly accessible nature preserve.

Plastic Bag Ban Coming Soon

Did you know that New Yorkers use more than 23 billion plastic bags a year? That's around 1,000 bags per person annually. When we dispose them improperly, plastic bags pose threats to fish and wildlife, clog machinery at recycling facilities, and litter the pristine outdoor places we love and enjoy spending time in with our friends and family.

Starting March 1, 2020, a new [plastic bag waste reduction law](#) will take effect in New York State, and your reusable bag should be in hand when going shopping. Whether you're going to the grocery store, clothes shopping, or to a home improvement store, make sure to bring your reusable bags. You don't need to wait for March 1st to take action! Start bringing your reusable bags to the store ahead of the ban to build a new habit. Remember, your reusable bag means conserving natural resources, creating less litter, and keeping New York beautiful for future generations.

Additionally, stores covered under the NYS Plastic Bag Reduction, Reuse and Recycling Act will still be required to collect plastic bags and other film plastics from consumers for recycling. [Film plastics](#) include items such as bread bags and plastic wraps that come over cases of water, paper towels and other similar items). As a consumer, you can help by continuing to recycle these items at participating retailers.

New York's Third Breeding Bird Atlas

Between 2020 and 2024, birders from all over New York State will be helping to create New York State's Third Breeding Bird Atlas and volunteers are needed. The New York State Breeding Bird Atlas provides New York State agencies and conservation organizations with a definitive resource for planning efforts and conservation strategies. The Second Breeding Bird Atlas was produced in 2008 and 248 Species of birds were recorded. The goals of the Third Atlas are to provide an update on the distribution of New York breeding birds, investigate the habitat relationships of birds, and to engage the public in studying bird populations. Birders of all skill level are encouraged to participate in building this atlas. By participating in this 5-year survey of New York's bird populations, you will get a chance to improve your birding skills, visit places you haven't birdwatched in before, and learn more about bird behavior. To participate in the New York State Breeding Bird Atlas, all you need is your binoculars and an eBird account. The Volunteer Handbook for the Breeding Bird Atlas can be found online, and you can submit your checklists at ebird.org/atlasny. You can also join us at Beaver Meadow on **Saturday February 8th** for our eBird tutorial, where we will go over to how to submit to the New York State Breeding Bird Atlas.

New Battery Development

IBN has developed a new battery which is free of cobalt, nickel and other heavy metals. The battery is made from three materials that can be extracted from seawater, a much less invasive sourcing method than mining. Their prototype showed that the battery outperforms lithium-ion versions, so it has the potential to improve electric vehicles and energy storage. In addition, it takes only five minutes to reach an 80 per cent charge, a length of time similar to filling up a tank of petrol at a service station. It is also low-cost, thanks to the materials sourcing method, and has low flammability, so it is safer to use. Current lithium-ion batteries rely on two key metals – cobalt and nickel – that have a negative impact on the people who mine them, as well as the environment. Read more at <https://www.dezeen.com/2020/01/06/ibm-research-sustainable-battery-sea-water/>

Safe Lanes Bike Lane Reporting Platform

Did you know that you can make roads safer by bikers by reporting obstacles? See a bike lane blocked by a car, delivery truck, police officer, etc.? [Report it using Safe Lanes](#).

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 [here](#).

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 [here](#).

Meat and Produce Donations Welcome by Hawk Creek

Hawk Creek Wildlife Center accepts meat and organic produce donations for their animals. Consider donating your game meat, bones and organic animals. For more information, contact tiffany@hawkcreek.org or call 716-652-8646. Donations are tax-deductible.

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.

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.

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/>.

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](#).

Solar-Powered Heritage Carousel Opening Planned for 2020

A solar-powered historic carousel is planned for Canalside in July, 2020 at Canalside. 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 as they still need donations to meet their goals. The groundbreaking for the building occurred in October and construction will take place over the next eight months. For info, visit <http://buffaloheritagecarousel.org/>

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 shorelines, DEC wants to know. Please use [fillable PDF](#) and e-mail to GLCladophora@dec.ny.gov.

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. 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](#).

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](#).

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!

Food Composting and Waste Resources

A recent Food Donation & Food Scraps Recycling Law meeting at the University at Buffalo addressed a number of community questions. The law, which goes into effect in 2022, only applies to certain large volume food scrap generators. Resources provided at the meeting are available using [this link](#).

Current NY Environmental Bills List

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

***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.

Municipality Rebates for Zero-emission Vehicles and Grants for ZEV Infrastructure

The 2019 round of DEC's municipal ZEV program is now open. Full details may be found in the Request for Applications (RFA) at <http://www.dec.ny.gov/energy/109181.html>. A total of \$500,000 will be distributed in this round on a first-come, first-served basis for clean vehicle rebates which include plug-in hybrid, all-electric, and hydrogen fuel cell vehicles. Applications for the Municipal Clean Vehicle Rebate Program on a rolling basis through 4:00 pm on July 24, 2020 or until funding is exhausted. A total of \$2,500,000 in grants will be distributed for infrastructure to municipalities that installed (or will install) hydrogen filling station components or electric vehicle supply equipment (EVSE) that is Level 2 or direct current fast charge (DCFC). DEC is accepting applications for the Municipal ZEV Infrastructure Grant Program on a rolling basis through 4:00 pm on **May 29, 2020** or until funding is exhausted, whichever occurs first.

Nonprofit Funding for Green Energy

Sun Club is [accepting grant applications](#) from nonprofits that need green funding and clean energy expertise. By funding sustainable solutions for nonprofits, Sun Club helps them continue their mission while contributing to a cleaner environment.

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](#).

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.

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](#).

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>.

Birds Tell Us it is Time to Take Action on Climate Change

If an ecosystem is broken for birds, it is impacting us too. Audubon Society has released their [Survival by Degrees: 389 Bird Species on the Brink](#), which is a ground-breaking report that forecasts the impact that climate change will have on North American birds.

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.

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.

Soil Centric's Pathfinder Tool Helps Identify Regenerative Opportunities

Soil Centric has introduced a beta version of its [Pathfinder Tool](#), designed to help identify regenerative opportunities. The tool lists opportunities for farmers, ranchers, and land stewards, as well as nonfarmers. For farmers, opportunity categories include improving soil health, incorporating agroforestry, and integrating animals. The listings range from information resources to internships to online courses.

Understanding Your Carbon Footprint: A How-to Guide for Businesses

What is your carbon footprint? It is a measure of your climate impact. Almost every activity in your day-to-day life causes greenhouse gas emissions. These emissions can be quite obvious, like when you drive a car, or less clear, like those produced to provide a financial service.

This [informative resource](#) provides a guide for businesses to better understand and develop a strategy for improving their environmental impact.

Online Database for Funding Sustainable Materials Management

The Syracuse University Center for Sustainable Community Solutions (SU-CSCS) is excited to announce the recent launch of an online database for grants, low interest loans, and other funding opportunities to support sustainable materials management (SMM) initiatives and activities across NY. Switching to an online platform will aid users in locating funding more quickly and easily, as well as enable SU-CSCS to update the resource on a more consistent basis. Learn more about how to access funding resources [here](#).

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 Seedling Program Now Accepting Applications

Are you an educator looking for exciting and hands-on ways to engage young people? DEC is here to help! Receive free trees or shrubs for your school or educational organization and inspire students by participating in [DEC's School Seedling program](#). Eligible organizations include all schools located within New York State (public, private, vocational, or college) as well as any youth education-based organization.

Applying for the School Seedling program is easy! Simply fill out and submit the School Seedling Brochure and Order Form between January 2nd and March 31st. Each school or school-sponsored organization may apply once per year. [The application can be found on our website](#).

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](#)

Nominate Environmental Educators for a Green Difference Award.

Project Green Schools honors outstanding environmental education and STEM efforts in our schools and communities. Award winners include students, schools and teachers, as well as business, government, and community groups.

[Click to Nominate a Green Difference Maker Today!](#) DEADLINE: **Friday, March 27th, 2020.**

Summer 2020 Case Studies in Science Workshop

The Summer 2020 Case Studies in Science Workshop will be held at University at Buffalo, State University of New York from **May 18-22**. The registration fee is \$975.00. Our five-day workshop focuses on training science faculty (all levels) to teach with case studies, to write their own cases, and to assess their students' learning with cases. During the final two days of the workshop, all participants are required to teach a case before a student audience using a case they have developed during the workshop. After the Workshop, we encourage participants to submit a case study to our national, peer-reviewed case collection. Past workshops have included faculty from biology, chemistry, physics, astronomy, computer science, mathematics, geology, psychology, anthropology, nursing, science education, dentistry, engineering, medicine, and other science-related disciplines. The workshop fee includes: workshop sessions, materials, University at Buffalo guest Wi-Fi while on campus, lunch Monday-Friday; dinner Monday-Thursday; and refreshments during the workshop; a copy of the book *Start with a Story* and a one year subscription to our case study collection answer keys and teaching notes. To register and for info, <https://sciencecases.lib.buffalo.edu/training/workshops/>

Free course! Collecting Data to Explore Plastic Pollution

Enrollment ends on Feb. 9 or when full. Follow National Geographic Explorers in the Sea to Source and Mount Everest Expeditions as they carefully collect data to track plastic pollution in the Ganges River and document climate change in Mount Everest. Hone your skills in guiding your students to design and select data collection methods that explore problems in their communities. **Audience:** Formal and informal educators - all subjects, all grade levels; Dates February 5–March 17, 2020. [Register here.](#)

Host Green Olympics at your School

Project Green Schools announces the inaugural year of the **Green Olympics sponsored by National Grid** to be held in schools around the country this April 2020, and we invite you to help engage students, schools and communities in environmental action. Participants will compete in environmental games and challenges held throughout Earth Month focusing on energy, waste, food/agriculture, water, climate change and air. Specific challenges will be framed by Project Green Schools along with the option to create a custom category to show how you celebrate sustainability at your school! **WIN PRIZES** including environmental project grants while raising money for Environmental Education as 25 percent of all funds raised will support Project Green Schools' K-12 programs & initiatives. All funds will be raised through our fundraising portal/tool, and funds will be dispersed back to schools upon completing a standard Goals Form and end of event Report. [Sign up](#) by **February 14** to participate.

Teacher's Resources

[Carbon Sequestration in Campus trees](#)-In this activity, students use a spreadsheet to calculate the net carbon sequestration in a set of trees; they will utilize an allometric approach based upon parameters measured on the individual trees. They determine the species of trees in the set, measure trunk diameter at a particular height, and use the spreadsheet to calculate carbon content of the tree using forestry research data.

[Free environmental education resources](#) for Earth Day to help you organize your own environmental teach-in in your community!

[Sea Bear: A Journey for Survival](#)-The purposes of this S.T.E.A.M. based mobile project are to learn about the Arctic, practice research skills, build scientific communication skills, use fine motor skills, and encourage science, ocean and climate literacy.

[Interactive Website on Marine Life](#)-keep scrolling down until you hit the ocean floor to see/sea what lives at various ocean depths

[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.

[The Nature of Teaching](#) includes formal standards-based curricula and informal activity-based curricula all centered around getting youth outside. The three program areas of the formal curricula include: Wildlife, Health and Wellness, and Food Waste. Each program area provides standards-based lesson plans free as a downloadable PDF. Lesson plans are classroom ready for grades K-12.

[Go Bats for Bats with Project Learning Tree](#)

[Marine Activities, Resources & Education](#)-Tap into your students' natural curiosity about the ocean to teach important science concepts while addressing Next Generation Science Standards!

[Exploring Sustainability in the Classroom](#)-will make your safari toward a sustainable school and world an enjoyable journey.

[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.

[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.

[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.

Contests and Awards

[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**.

[The Ocean Observing Prize](#) consists of two competitions that are designed to incentivize accelerated innovation in marine energy and ocean observations. The first competition, the DISCOVER Competition, will solicit novel concepts that integrate ocean observing technologies with marine energy systems to address end-user needs across five broad themes: (1) Unmanned Vehicles; (2) Communications and Underwater Navigation; (3) Extreme Environments; (4) Buoys, Floats, and Tags; and (5) Blue Sea Ideas (i.e., other). After the DISCOVER Competition, the second competition, the DEVELOP Competition, will focus on a single theme and challenge contestants to develop their ideas into a functioning prototype." Deadline: **February 12**.

[ee360 Community EE Fellowship program](#) to inspire leaders to address environmental challenges and help build community resiliency. Deadline: **February 14**.

[the 2020 Eco-Comedy Video Competition](#) theme will be Clean Air and Clean Water. Produce a short (less than three minutes), humorous video that would be seen on YouTube to engage audiences in these topics. The contest is open to anyone worldwide who has a flair for producing videos. The winner in each category will receive cash prizes, plus recognition at the DC Environmental Film Festival, and on the websites of the Center for Environmental Filmmaking and The Nature Conservancy. Deadline: **February 15**.

[The Erie County Environmental Management Council's Environmental Excellence Award](#) is currently accepting applications. Started in 2015, this program recognizes exceptional projects carried out by municipal and non-profit organizations in Erie County that stand to have a significant and lasting positive impact on the natural environment. The awards program is designed to showcase and promote projects that can be replicated in communities across Erie County and beyond. Projects could be in the areas of Planning & Design, Land Use and Zoning, Natural Resource Protection, Air and Water Quality, Ecosystem Health, Energy and Transportation, Agriculture and Forestry, Solid Waste Management, Contaminated Sites, Community Action & Education, Climate Change or any other related subject area. **Applications are due March 6th, 2020**, with an award ceremony on April 26th, 2020.

[Conservation X Labs](#) is seeking bold ideas for technology solutions to conservation challenges. Aimed specifically at projects teams that are considering their first prototype, the Con X Tech Prize is granting 20 prototyping awards of \$3,500 each to take your idea from blueprint to reality. Deadline: **April 2**.

[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

[Watershed STEM Education Partnership Grants](#)-resources to increase participants' understanding and stewardship of local watersheds and related ecosystems and bring environmental education programming to 21st Century Community Learning Centers students during non-school hours. Deadline: **February 6**.

[Conservation Collaboration Grants](#)-USDA's Natural Resources Conservation Service (NRCS) is accepting proposals for Outreach to Assist Historically Underserved Groups projects of \$250,000 to \$1 million. Also, Collaboration on Strategic Natural Resource Issues projects can receive \$500,000 to \$2 million. Projects should target agricultural producers in multiple states, including Tribal, socially disadvantaged, limited-resource or beginning farmers and ranchers, as well as veteran farmers or ranchers. Deadline: **February 7, 2020**.

[FY 2020 EJ Collaborative Problem-Solving](#)-awards for local community-based organizations, tribes, and tribal organizations seeking to address environmental and public health concerns in local underserved communities through collaboration with other stakeholders, such as local businesses and industry, local government, medical service providers, and academia. Deadline: **February 7, 2020.**

[USDA Tribal Scholars Program](#) aims to increase the number of tribal college and university students studying agriculture, food, natural resource sciences, and other agriculture-related disciplines. The program provides full tuition, fees, books, and workforce training to students. The program is available to high school seniors entering their freshman year of college and current college freshmen, sophomores, or juniors. Application materials must be postmarked by **February 9, 2020.**

[Tibor T. Polgar Fellowship](#) is a student research program conducted through the Hudson River Foundation in cooperation with the New York State Department of Environmental Conservation, providing a summertime grant (\$5,000 for each fellowship) and research funds (up to \$1,500) for 8 college students (undergraduate or graduate) to conduct research on the Hudson River. The objectives are to gather important information on all aspects of the River and to train students in conducting scientific studies and public policy research. Deadline: **February 10.**

[The U.S. Environmental Protection Agency \(EPA\) PFAS Impact on Water Quality Grants](#)-to help improve the agency's understanding of the potential impacts of per- and polyfluoroalkyl substances (PFAS) on water quality and availability in rural communities and agricultural operations across the US, specifically research on PFAS occurrence, fate, and transport in water sources used by rural communities and agricultural operations and new or improved PFAS treatment methods appropriate for small drinking water and wastewater systems including influents, effluents, and biosolids/residuals. Deadline: **Feb. 11, 2020.**

[Sustain Our Great Lakes funding](#) to restore and enhance habitat in the Great Lakes basin. The National Fish and Wildlife Foundation will award grant funding in the following categories: Restore and Enhance Stream and Riparian Habitat, Restore and Enhance Coastal Wetland Habitat, Expand Green Stormwater Infrastructure in Great Lakes Communities and Maintain and Enhance Benefits of Habitat Restoration through Invasive Species Control. Pre-proposals are due **February 11, 2020.**

[Great Lakes Restoration Initiative](#) (GLRI) grants are focused on keeping trash out of the Great Lakes. Eligible projects include Great Lakes beach and shoreline cleanup projects, which could include funding for single entities to organize clean ups in multiple communities. Great Lakes harbor and river cleanup projects, which could include the purchase of trash collection and removal equipment capable of operating in water. EPA will host a webinar on January 7, 2020, at 1 p.m. CST to provide additional information and answer questions. Deadline: **Feb. 14, 2020.**

[2020 Gro More Good Grassroots Grant](#) - These grants provide funding for the development of new and expansion of existing youth garden programs and greenspaces serving 15 or more youth. 150 grants of \$500 and 25 grants of \$1,000 will be awarded to nonprofits and schools in the U.S.. Deadline: **February 14.**

[The New York State Urban Forestry Council Tree Planting Grant](#)- available funding for communities to hold a 2020 Arbor Day tree planting event and to establish a community-based forestry program. Communities (and not-for-profits that work with communities) can apply for up to \$1,000. Funding has been provided by the USDA Forest Service. Deadline: **February 14, 2020.**

[ee360 Environmental Education Fellowship](#) - Make your community more resilient as an environmental education leader! Each fellow accepted into the ee360 Community EE Fellowship Program will receive training and individualized support for their work. Deadline: **Feb 14.**

[New York State Wetlands Student Research Grant](#)-to support candidates in producing and sharing independent research focusing on wetlands. Applicants must be enrolled as either a matriculated graduate student or junior or senior at a recognized four-year college, must be participating in an independent research project with a focus on wetland science/issues relevant to New York State. Class or group projects are not eligible for consideration. Candidate must have at least a cumulative 3.0 grade point average. Deadline: **February 15, 2020.**

[Farmers Advocating for Organic](#) is funded by contributions from Organic Valley farmers to research, education, and advocacy projects to protect and promote the organic industry and the livelihood of organic farmers, currently prioritizing projects that focus on Understanding Organic or Cultivating CROPP Cooperative Community. nonprofit organizations and academic/research institutions are eligible to submit a letter of interest. Deadline: **February 15.**

[Sodexo Youth Stop Hunger Action Grant](#)-Grants up to \$1,200 are available for youth leaders ages 5-25 across the U.S. to turn their ideas into action and make an impact on the issue of childhood hunger on Global Youth Service Day (GYSD) – April 17-19, 2020 – and during summer 2020. We are especially interested in projects that both help relieve hunger today and start to prevent hunger tomorrow. Deadline: **February 16.**

[Canal-Related Event Sponsorships](#)- In partnership with NYS Canal Corporation, we are offering sponsorships of up to \$500 for canal-related events or festivals taking place from May through November 2020. Eligible applicants include municipalities and nonprofit 501(c)(3) organizations. Qualifying events must promote or celebrate the distinctive historic, cultural, scenic, or recreational resources of the Canalway Corridor. Deadline: **February 20.**

[Farmland Access Outreach Grants](#)- Eligible land trusts working to advance farmland protection strategies identified by counties and municipalities throughout the state are invited to apply for funding. These competitive grants of up to \$50,000 are available to land trusts to help develop local inventories of viable farmland and protect properties from conversion to non-farm uses. Deadline: **February 21.**

[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. It matches graduate students with "hosts" in the legislative and executive branch of government in the Washington, D.C. area, for a one year paid fellowship. Deadline: **February 21, 2020.**

[GATHER Food Sovereignty Grant](#) to support building a national movement that will fulfill a vision of Native communities and food systems that are self-directed, well-resourced, and supported by community policies and systems. first Nations expects to award up to eight grant awards of approximately \$32,000 to support Native American-led food sovereignty work. Deadline: **February 27.**

[NY Water Environment Association Scholarships](#)-will be offering \$50,000 in scholarships in 2020. If you are looking for Chapter Scholarships, please visit the [Chapter Page](#) for your geographic area. Deadline: **February 28.**

[Household Hazardous Waste Municipality Funding](#)-Grant funding e available to assist municipalities in NYS with costs of household hazardous waste (HHW) collection and disposal. Grants are offered to match eligible costs of HHW collection events or construction of permanent HHW collection facilities to provide a safe alternative for recycling or disposing household hazardous materials. Applications only during January and February of 2020 for projects that were completed during January - December 2019. Deadline: **February 28.**

[Arbola Foundation Tree Planting Grants](#) - The Arbola Foundation will engage 10 million children to plant one million trees. Schools, child-friendly non-profits, or veteran non-profits can apply for \$500 grants to plant trees on April 22, Earth Day. Deadline: **Feb. 28.**

[Value-Added Producer Grant \(VAPG\) program](#) -U.S. Department of Agriculture's (USDA) Rural Business-Cooperative Service VAPG supports farmers in the development of value-added producer-owned businesses, ultimately helping farmers earn a larger share of the retail food dollar. Deadline: **March 5, 2020.**

[Mark B. Bain Graduate Fellowship](#)- up to six full-time research fellowships to advanced graduate students conducting research on the Hudson River system. A fellowship awarded to a doctoral student will include a stipend consistent with the policy of the student's graduate institution, up to **\$19,000** for one year, and an incidentals research budget of up to **\$1,000**. A fellowship awarded to a master's level student will include a stipend consistent with the policy of the student's graduate institution, in an amount of up to **\$15,000** for one year, and an incidentals research budget of up to **\$1,000**. Deadline: **March 9.**

[YSA's Youth Service Zone grants](#) offer organizations and schools an opportunity to work collaboratively to increase the youth volunteer rates in their community. Collaboratives of 3 organizations leading efforts in communities, regions, or states with at least 100,000 residents are eligible to apply. Each zone will receive a grant of \$15,000 (\$5,000 to each of the 3 collaborative leaders) to support program activities. **Deadline: March 27.**

[2020 Earth Day Grants](#) - The Air & Waste Management Association – Niagara Frontier Section (A&WMA-NFS) will again be awarding one or more grants worth up to \$500 each in honor of Earth Day 2020. The program promotes environmental awareness through creative and impactful educational activities and community engagement efforts. The grant is open to educational institutions and community organizations in New York State counties of Allegany, Cattaraugus, Chautauqua, Erie, Niagara, and Wyoming. **Deadline: March 27, 2020**

[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.**

[Power of Youth Challenge](#) - Through the Power of Youth Challenge, teams of at least 3 youth ages 13-18 will receive coaching and support to develop their projects. Every team that signs up will have access to financial support in the form of mini grants of up to \$250. **Deadline: Ongoing through June 30**

[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](#)- to advance recycling in communities by offering financial and technical assistance to support the implementation of cartbased curbside recycling. The Partnership offers communities the chance to apply for 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 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.**

[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.**

[Food Waste Grants](#) - will provide reimbursement to businesses that generate over one ton of food waste per week to offset 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 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.**

[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.

[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).

[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.**

[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.**

[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.**

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Employment and Internship Opportunities

[Aquarium of Niagara Educator](#)-Deadline **February 4**.

[Energy Management Specialist](#)-Full-time, new position with PUSH Buffalo will play a key role in developing and implementing new approaches to energy management and community energy enterprise. Deadline: **February 8**.

[Excelsior Conservation Corps \(ECC\)](#) is a ten month residential AmeriCorps program, run by the Student Conservation Association, a multi-agency partnership, and is designed to address the environmental and conservation needs of our state while providing leadership opportunities, employment training and college scholarships.

The program, which begins in late February, will include up to 40 full-time service positions available for young adults age 18-25 and Veterans up to age 28. The members work with the NYS Department of Environmental Conservation (DEC) and NYS Office of Parks, Recreation, and Historic Preservation (OPRHP) to complete environmental stewardship projects on state lands. Deadline: **February 14**.

[Development Coordinator](#) is responsible for assisting with the implementation of marketing and fundraising campaigns in support of Buffalo Niagara Waterkeeper's mission to protect and restore our water and surrounding ecosystems while connecting people to water. This position will be part of a team working under direct supervision to undertake aspects of marketing, grassroots fundraising, donor cultivation and management, special events, sponsorships, and other activities to contribute to the financial growth and visibility of the organization. Deadline: **Feb. 23**.

[Director of Development](#)- responsible for overseeing the organization's development projects, programs and portfolio in support of Buffalo Niagara Waterkeeper's mission to protect and restore our water and surrounding ecosystems while connecting people to water. This position will be leading a team working under the supervision of the Executive Director to develop, manage and implement organizational fundraising strategies, initiatives and projects. Deadline: **Feb. 23**.

[Event Coordinator](#) is responsible for assisting with multiple events and projects in support of Buffalo Niagara Waterkeeper's mission to protect and restore our water and surrounding ecosystems while connecting people to water. This position will be part of a team working under direct supervision of the Marketing Director and will coordinate and plan multiple events throughout the year, as defined by the organizational fundraising strategy. Deadline: **Feb. 23**.

[Invasive Species Management Assistants](#) (3) will implement invasive species prevention, early detection, management, and habitat restoration projects within the 8-county WNY PRISM region. They will conduct invasive species surveys and assessments, assist with priority invasive species removal and restoration projects, provide project reports and assist with outreach events such as tabling at farmers' markets and festivals. Invasive species removal efforts will include use of both manual and chemical (herbicide) methods. This is primarily a field position and the selected candidates can expect to spend the majority of their time working outdoors in remote locations and will experience inclement weather conditions. The expected timeframe is May 4, 2020-September 30, 2020. The deadline for these positions is **Friday, March 6, 2020**.

The [Education and Outreach Assistant](#) (1) will implement and expand our education and outreach programs. Education efforts are essential to the success of the partnership and are integrated into nearly all aspects of WNY PRISM's work. The selected candidate will help maintain the WNY PRISM Listserv and social media accounts, prepare e-newsletters, organize, attend, and lead education and outreach events, develop invasive species educational materials, maintain detailed records, represent WNY PRISM at meetings and events, and communicate with partners. In addition, the Education and Outreach Assistant will assist with invasive species management activities such as invasive species monitoring, surveys, removal and habitat restoration projects, as needed. The expected timeframe is May 4, 2020-September 30, 2020. The deadline for these positions is **Friday, March 6, 2020**.

[Boat Stewards/Environmental Educators](#) (16) and Lead Stewards (2) will interact daily with the public at boat launches. Stewards will perform voluntary boat inspections to remove visible aquatic plants and animals from all types of watercraft. Removal of aquatic plants and animals will help to prevent the transport and spread of aquatic invasive species. Stewards will be responsible for public education and distribution of educational materials. Stewards will be assigned to a single launch, however coverage needs may require occasional travel to assist at other launches. Stewards will receive a mandatory two-day training prior to beginning work at their assigned sites. Timeframe for these positions is May 19, 2020-September 7, 2020. The deadline to apply for these positions is **Friday, March 13, 2020**.

[Upstate New York Climate Organizer](#) will liaise and coordinate with our coalition partners, including NY Renews, and mobilize and empower young leaders to build support for equitable and science-based climate policy in New York. Primary responsibility is to recruit, train, and support youth leaders from across upstate New York (priority regions include Buffalo) to reach campaign deliverables that advance climate policy in the state and build youth support for bold action. This is a part-time hourly position. Applications will be accepted on a rolling basis beginning January 15th, 2020.

[Coordinator for the Erie County Low Income Program for Sustainable Energy \(ECLIPSE\)](#)-Erie County. This is a new initiative to develop a community energy program to address energy affordability for low and moderate income residents. It will include a community solar project, and close collaboration with the County's HEAP program.

[Executive Director with Buffalo Audubon](#)- The ideal candidate will have program planning and leadership expertise, the ability to lead and manage the staff, and will serve as the lead ambassador and chief fundraiser.

[LISC WNY Program Assistant - Operations - Part Time](#)

[LISC WNY Program Officer - Housing - Full Time](#)

[LISC WNY Program Officer - Livability - Full Time](#)

[Engagement Officer with Penn Dixie](#)- full time to lead fundraising and community engagement efforts. Applications will be accepted until the position is filled.

[Science Educator with Penn Dixie](#)-is responsible for tours, educating guests, admissions and retail transactions. Part-time, seasonal beginning in April.

[Facilitator of Learning, Tifft Nature Preserve](#)-Part time. The ideal candidate is an energetic, education professional who will be responsible for facilitating learning experiences in a variety of settings, including the outdoors, for learners of all ages to promote life-long learning.

[Farm Crew Members at Root Down Farms](#)- involved in multiple aspects of the 300 member CSA farm including transplanting, hand weeding, hoeing, harvesting, washing and packing produce. You will also be working in the greenhouse and high tunnels seeding, turning beds by hand, watering, and trellising. Farm is in Clarence Center.

[Invasive Species Management Steward, Niagara Region](#)-The Student Conservation Association (SCA) in conjunction with NYS Office of Parks, Recreation and Historic Preservation is hiring an Invasive Species Management Steward to help map, remove, monitor and communicate about invasive species within selected parks.

[Special Programs Host: Aquarium of Niagara](#)-part-time, this position shall assist with the operations and functions of the Education Department of the Aquarium of Niagara.

[Animal Behavior Manager/Animal Keeper III](#)-Buffalo Zoo.

[Executive Director for WNY STEM Hub](#)- must lead, advocate for, coordinate and champion innovation through STEM by mobilizing key community partners in delivering transformational programs that initiate a lifelong passion for STEM learning and careers. WNY STEM Hub has an extensive regional network of cross-sector relationships, is an initiative of the United Way of Buffalo and Erie County, the UB Center for Integrated Global Biomedical Sciences, the Empire State STEM Learning Network and is recognized internationally as a STEM Ecosystem and as a Regional Partner of Code.org.

[Student Interns sought for the Nautilus Explorer](#)- paid intern on the *Nautilus* in 2020. Applications are open now for students! Applicants should be enrolled in or recently graduated from a community college, undergraduate or graduate program in ocean science, technology, or related fields.

[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

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

[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, app, an optional tape measure, and a tree.

[Other Citizen Science Programs](#)

Upcoming Community Activities:

Saturday, February 1

Educator Workshop: Project WET-9am to 1pm. Project WET (Water Education for Teachers) helps teachers use water to teach English language arts, science, math and more! Participants receive a standards-based interdisciplinary curriculum guide that includes lessons covering water's physical and chemical properties, cultural connections to water, and water resource management. For educators of students in grades K-12. 4 CTLE hours provided. Registration required; call 716-683-5959. Reinstein Woods Nature Preserve, Depew.

Woods Walk: Winter Scavenger Hunt-11am. Join a guided nature walk and use your senses to search through the woods. No registration required. Reinstein Woods Nature Preserve, Depew.

Spring Gardening Seminar: Seed Starting -Free with registration. 2pm at Massachusetts Avenue Project, 387 Massachusetts Ave, Buffalo 14213. To register, email info@urbanroots.org or call 716-362-8982.

Horticulture 3 Classes-11am to 1pm at Buffalo & Erie County 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. Horticulture III and IV will be offered in 2020 and Horticulture V and VI will be offered again in 2021. The cost is \$20 per class or \$100 for the series for Botanical Gardens members and \$25 per class or \$125 for the entire series for the general public. Topic: Gardening with Native Plants.

2020 Iroquois Observations Palooza- 20th anniversary celebration at Iroquois National Wildlife Refuge. Events from 8am to 8pm. <http://www.friendsofiroquoisnwr.org/> for schedule.

Winter Adventure at Pfeiffer- 10 am. Program Length: 1.5 hrs. Shake off the winter doldrums by spending some time out in nature! Blue skies and snow covered trails are the perfect setting for a hike about Eshelman. Bring your own snowshoes or borrow a pair of traditional, wooden bear paw snowshoes from us when you visit Pfeiffer Nature Center's winter wonderland. This walk is for both the novice and advanced alike. If there is no snow, join us for a winter stroll along the trails through field and forest. To add to the outdoor fun, we will share in hot cocoa around a camp fire following the program. The program will be canceled if we are experiencing extreme weather conditions. If the weather appears questionable, look for a cancellation notice on the top of our website home page. This event will be held at: The Eshelman Property 1420 Yubadam Road, Portville NY 14770. This program is FREE to the public. No fee to borrow traditional snowshoes but they are in limited supply so contact Pfeiffer Nature Center to reserve your pair by Thursday, January 30th. The traditional snowshoes are one size fits all and are recommended for ages 13 and up. Minors must be accompanied by an adult. To make snowshoe reservations, [register here](#) or contact Pfeiffer Nature Center Administration Office 716-933-0187.

Superb Owl Saturday – 1 to 4pm. Join Buffalo Audubon and Messinger Woods Wildlife Care and Education Center for Superb Owl IV at Beaver Meadow Audubon Center! We'll be hosting an afternoon of crafts, hands-on activities, and live animal presentations celebrating everything about our favorite Owls! Pre-registration is required. \$7, (585) 457-3228.

Hibernation- Location: Ellicott Creek Park | 1 Ellicott Creek Dr | Tonawanda, NY 14150 | 10:00 AM | Shelter #9
Winter brings changes to all living things in this region. Did you ever want to sleep through the cold months? Join Erie County Park Ranger Roy for a hike looking for where the animals go to be dormant. Wear winter boots and dress for the weather.

Sunday, February 2

GObike Buffalo Community Workshop: Maintaining Your Bike Through the Winter-5:30 to 7:30pm. Bikes ridden through rain, salt, snow, and sludge need a little extra attention. We will show you how to keep your ride running in tip top shape. We will also share tips for winter riding and choosing a winter bike. 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 Snowshoe Hikes- Chestnut Ridge Park | 6121 Chestnut Ridge Road, Orchard Park, NY 14127| 10:00 AM | Start of Disc Golf Course. Join a Park Ranger on Sunday mornings for a vigorous (snowshoe) hike through one of our County Parks. For the months of January and February this will be a snowshoe hike at Chestnut Ridge each week we have good conditions. Please dress appropriately for the weather and bring water. Snowshoes are available for rent in the casino. Meet at the start of the disc golf course (eastern side of the casino).

Monday, February 3

Maker Monday-4 to 5pm. Join us on Mondays for hands-on STEAM activities. All ages. No registration required. Lancaster Public Library.

STEM Club - 4 to 5pm, Ages 5-12 @ Eggertsville-Snyder Branch. *STEM* stands for Science, Technology, Engineering, and Math. Register at Librarian's desk or call 839-0700.

Tuesday, February 4

Winter Tree I.D.-10 to 11:30am at Knox Farm State Park. Identifying tree species in winter can be an exciting challenge. Hone your skills and learn to identify trees based on their shape, bark and twigs. *For more information & registration call (716) 549-1050.*

Hands-on Nature: Winter Buds-12:30 to 1:30pm at Knox Farm State Park. Join us for our indoor workshop as we learn to identify trees based on their twigs and buds, a handy skill to know on a winter walk! *For more information & registration call (716) 549-1050.*

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 <http://imaginelifelonglearning.com/lecture-series-winter-2020-schedule/>

Regional Bicycle Master Plan Community Workshop-The Greater Buffalo Niagara Regional Transportation Council and its partners want your input on biking in Erie and Niagara Counties! We invite you to learn about the Regional Bicycle Plan at either one of the community workshops and help us improve bicycling in our region. Workshops will be from 5-7pm at YWCA, 32 Cottage St., Lockport. [Register](#) today and share your voice!

Climate Change: A Global Perspective-6 to 7:30 PM at the International Institute of Buffalo, 864 Delaware Ave., Buffalo, NY 14209 for our presentation and discussion.

Precision Agriculture Workshop Series-10am to noon at 4-H Training Center, auditorium, 4487 Lake Avenue, in Lockport. Free with registration to *Amanda Henning at 433-8839 ext. 231 or by emailing her at app27@cornell.edu*** The educational goal of Extension is assisting producers to adopt innovative and proven technologies in crop production to enhance water quality, soil health, environmental quality, and farm profits. Cornell Cooperative Extension of Niagara County will be offering three sessions to help producers learn more about Precision Agriculture.

Wednesday, February 5

GBNRTC Monthly Meeting-Public welcome. 9:30 to 11am at Buffalo City Hall, Room 901. All are invited to attend Planning and Coordinating Committee (PCC) Meetings to discuss transportation events, planning initiatives, and projects with [GBNRTC Member Agencies](#).

The Foundry Open Tours-Open tours for the public every Wednesday evening at 6pm. Come learn more about youth & adult classes, membership options in our makerspaces or learn more information about how YOU can become a tenant and grow your small business with us. No need to RSVP, just stop by! 298 Northampton Street, Buffalo.

Regional Bicycle Master Plan Community Workshop-The Greater Buffalo Niagara Regional Transportation Council and its partners want your input on biking in Erie and Niagara Counties! We invite you to learn about the Regional Bicycle Plan at either one of the community workshops and help us improve bicycling in our region. Workshop will be from 5-7pm at ECC South, 4041 Southwestern Blvd., Orchard Park. [Register](#) today and share your voice!

Behind the Scenes Collection Tours: Cabinet of Curiosities-6 to 8pm. Adults 18+, \$25 per participant, includes Buffalo Science Museum admission. Go behind the scenes to see what few have seen and explore the Museum's Collection. Tours are approximately two hours in length. Register online or by phone at least one week in advance. [register](#). Take a peek into the Vertebrate Zoology Collection's spine-tingling Cabinet of Curiosities to explore the mind bending stories of some of nature's unique freaks, morbid mistakes and seemingly scientific impossibilities!

Counter/Culture Lecture Series: “Playing in the Dark/Working in Black Space”- 6 pm - 7:30 pm, Hayes Hall 403. Speaker: Scott Ruff. The spring 2020 series focuses on the theme of institutional and cultural bias and features a lineup of powerful thought leaders across our disciplines.

Thursday, February 6

Plant WNY Trade Show & Education Conference-Salvatore’s Italian Gardens, 6461 Transit, Depew. [Registration and info.](#) Susan Martin is the keynote speaker.

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

Wild About Travel-Don’t Miss an exciting program with the Portville Garden Club presented by Nature Enthusiast, Barb Busack. Learn about Barb’s travels which lead from Greenland and Iceland to Guatemala and Costa Rica. 6:30 pm at the Portville Free Library.

WNY Drilling Defense/Environmental Justice Task Force Meeting-6 PM at Isaías González-Soto Branch Library (formerly Niagara Branch), 280 Porter Ave., Buffalo NY.

Community Solar- 6 to 7:30pm. Hosted by Sierra Club Niagara Group at Crane Library, 633 Elmwood Ave., 2nd Floor. Three Community Solar experts will speak about local opportunities to participate in community solar. There are no costs, only savings for those that get in on the projects. This can work for everyone, renter and owner, since projects are not on your roof. Come learn how you can be green and save on your electricity bills.

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. The program will be “Garden Design.” Barb Henry, owner of Henry’s Nursery, will talk about the many advantages of designing with plants from local nurseries.

Winter Speakers Series with Explore Buffalo-7 to 9pm at First Presbyterian Church, Symphony Circle. Check speakers/topics at <https://explorebuffalo.org/winter-speaker-series/>.

Calculating your Carbon Footprint-WNY Sustainable Business Roundtable is kicking off the New Year and New Decade with a Carbon Footprint Semester! Join us from 4 to 6pm at National Grid, 144 Kensington Ave., Buffalo. SBR Members: Free, Non Members: \$25. [Learn more and register here.](#)

Batavia Garden Talk Series- Master Gardeners of Cornell Cooperative Extension of Genesee County at the extension office, 420 E. Main St., Batavia. All Garden Talk programs run from 12:15 to 12:45 p.m. Take your lunch. Series is free and registration isn’t needed. Topic: Take a break from winter to learn about Vancouver Island’s [“Vision of Beauty,”](#) the Butchart Gardens. See how one woman’s vision came to be. A National Historic Site of Canada, the Butchart Gardens are world renowned.

Planet Thursday- Discussion group at Unitarian Universalist Church of Amherst from 6:00 to 7:30 pm. Session 5B of [Our Place in the Web of Life](#). 6320 Main St, Williamsville, NY 14221.

Herbal Tea Blends for Health-free class from 6:30 PM 7:45 PM at Aurora Public Library ([map](#)). In this workshop, Holistic Herbalist Sarah Sorci will share some of her favorite tea blend recipes for support of healthy digestion, relaxation & sleep, and more. After sampling tea blends, participants will create their own tea blend to take home. Class handouts will also be distributed. Please thank the Aurora Public Library for sponsoring this event. **Space is limited and pre-registration is required. Call the Aurora Town library to sign up:(716) 652-4440.

Friday, February 7

Plant WNY Trade Show & Education Conference-Salvatore's Italian Gardens, 6461 Transit, Depew.

[Registration and info.](#)

Looking Back to See the Future-Gallery opening at Buen Vivir Gallery, 148 Elmwood, Buffalo. 6-8pm with poster art. <https://www.facebook.com/events/1022788951413634/>. The gallery's exhibits have tackled major political and social themes: climate change, environmental destruction, political repression, Indigenous Peoples' rights and struggles for justice around the globe.

Buffalo Geological Society Meeting- 7:30pm at Heritage Discovery Center, 100 Lee Street, Buffalo NY.

Saturday, February 8

Winter Wonderland in the Woods-Noon to 4pm. Discover the woods in winter! Try snowshoes or cross-country skis for free. Make snow art, enjoy ice-fishing demonstrations, winter crafts for kids, and more! Refreshments for sale. For more information, visit www.reinsteinwoods.org or call 716-683-5959. No registration required. Reinstein Woods Nature Preserve, Depew.

Spring Gardening Seminar: Pruning Ornamentals -Free with registration. 2pm at Massachusetts Avenue Project, 387 Massachusetts Ave, Buffalo 14213. To register, email info@urbanroots.org or call 716-362-8982.

eBird Tutorial – 1 to 2:30pm. Join Naturalist Tom Kerr for a walkthrough of the biggest community science project in the world! Learn how to create a checklist and search the database for sightings to help you find the birds you want to see most. Get set up with your own eBird account and participate in community science projects such as the Great Backyard Bird Count, Audubon Climate Watch, and the New York State Breeding Bird Atlas! Pre-registration is required. (585) 457-3228.

Feminist Bird Club: Snowshoeing in Delaware Park – 2 to 4pm. A fun, no pressure bird-watching club for feminists of all gender identities and skill levels. Come bird watch on snowshoes with us! Pre-registration is required. Bring your own snowshoes or rent them from us for \$5. (585) 457-3228.

Gardeners' Give & Take-10am. Come join us at Urban Roots for Gardeners' Give & Take. An informal discussion of everything gardening. Come ask questions, share successes and failures, bring your ideas and thoughts while expanding your sense of gardening community. Novice to expert, everyone is welcomed to discuss the many facets of gardening. No need to register, just show up. 428 Rhode Island Ave., Buffalo

Intro to Beekeeping: Part 2-9:00 AM 12:00 PM. Part Two - the continuation of the Introduction to Beekeeping Class. This is the place to start! We'll cover all of the basics you *need* to know before deciding to get your first hive, plus everything you'll *want* to know before you bring your bees home. Masterson's Nursery, East Aurora. [register](#)

Hemlock Woolly Adelgid Survey-1:00pm. We will be surveying the Chautauqua Watershed Conservancy's Elm Flats First Preserve located on Lawson Road in the town of Chautauqua. We will meet in front of the preserve to give instruction and then hike to the hemlock stand. Please visit [here](#) for directions.

Annual Spring Bloom Classes-9 – 2:30. Topics: Gardening Through the Seasons, Care of Trees and Shrubs and Backyard Beekeeping. Cost \$25 for Master Gardeners and \$30 for the public. Register online at: https://reg.cornell.edu/InBloom_214 or call Jolie at CCE, 652-5400 ext: 176. The Unity Church of Buffalo on Delaware Ave. (offered on February 29th at the Cooperative Extension in E Aurora too).

Cabin Fever Series: The Great Gorge Route Trolley-10 to 11:30am at [Niagara Falls State Park](#). This month's presentation: The Great Gorge Route. This trolley once ran in the Niagara Gorge and over to Canada! Come look at the delightful journey passengers would have taken from 1895-1935. *For information & registration call (716) 282-5154.*

Full Moon Hike or SnowShoe Adventure-7:00 pm - 9:30 pm. Join Paths, Peaks and Paddles for a Full Moon Wine & Cheese hike. If we have snow our adventure will be on snowshoes. Come out and join us at some of our favorite parks. 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 or snowshoes/poles please let us know. Join us at Wilson Tuscarora State Park. <https://pathspeakspaddles.com/>

Hemlock Woolly Adelgid Survey: Volunteers Needed!-10:30am to 1:30pm. *Location: Chestnut Ridge Park, Commissioner's Cabin, Orchard Park* This event will feature an indoor education event, then we will head outside to learn to survey for and identify HWA in the field. Attendees are encouraged to dress appropriately for the weather and wear warm, sturdy footwear. In the event of poor weather, the event will be held on Sunday, February 9 and registrants will be notified via email. Please [register in advance](#).

Animal Artists-2:00 p.m. – 4:00 p.m. Ages: Families (ages 6+). Buffalo Zoo is home to artists, who use their paws, trunks, or scaly skin to make beautiful works of art! This workshop is a special opportunity to learn more about our animal artists. You will discover how zookeepers use training techniques to develop an animal's painting style, observe how zookeepers make paintings with animals from our Education Department, and be challenged to a zoo animal paw print matching game. You will even get a mini "painting" to take home! <https://buffalozoo.org/single-experience/wild-workshops/>

Buffalo Maritime Center Open House- 11AM-2PM. We'll have folks on hand to talk about our current projects like the 1825 Packet Boat, "The Seneca Chief," that will be built down at Canalside starting this summer as well as our Student Boatbuilding Hand-to-Hand Program. This event is family friendly and open to all ages. And thanks to our sponsor, the Paul & Helen Ellis Charitable Trust, we'll have coffee during the Speaker Series, food and drinks throughout the Open House, and the admission is free. 90 Arthur St., Buffalo.

Full Moon Snowshoe Hike and Fire- 5pm. Join us for a guided tour of our Cassadaga Creek Preserve under the Full Snow Moon. Walk will take place with or without snow, with snowshoeing an option if snowpack exists. Dress for the weather, and if you wish, also bring a dish and drink to pass (with your own utensils), a lawn chair and a flashlight or headlamp. At 5:30PM, our lands manager Jeremy Woolson will lead a walk around the preserve. For those who do not wish to walk, feel free to sit back and enjoy a warm fire with the company of other fellow conservationists. Event is open to the public and free to CWC donors, with a suggested \$5 per person or \$10 per family donation for those who are not yet CWC donors. For more info, call 716-664-2166 or email us at info@chautauquawatershed.org. RSVPs are appreciated but not required. [info](#)

Wake up with Wildlife Series: Going Batty-9:30am-11am at Erie County SPCA, 300 Harlem Rd., West Seneca. \$10/person. Learn more about bats from SPCA wildlife veterinarian, Dr. Stote. [Register](#).

Beach Exploration- Bennett Beach | 8276 Old Lake Shore Rd | Angola, NY 14006 | 10:00 AM | Parking Lot
You may think you know the beach until you see our beaches in the winter! Come join Park Ranger Stephanie and look at the surprising changes the season brings. Massive ice sheets. Scenic views of Lake Erie. If we are lucky even a Bald Eagle or two! So come down to Bennett Beach and explore all our winter beach has to offer.

Sunday, February 9

Frozen Swamp Walk-10am to noon at [Evangola State Park](#). Venture out for a unique chance to explore a forested swamp frozen in time. *For information & registration call (716) 549-1050.*

GObike Buffalo Community Workshop: Bike Craft- 5:30-7:30 pm. Join us in building stuff out of bike parts! We'll be putting together stools out of old bike frames. The class will cover how to use an angle grinder, and power tool safety. Perfect gifts for the holiday season. Other projects ideas include toilet paper holder, wind chimes and jewelry. 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.

Cassadaga Lakes Nature Park-2:30-4pm. As part of the Cassadaga Winter Festival, the Cassadaga Lakes Association and CWC will be having a guided tour of the Cassadaga Lakes Nature Park! Meet at 2:30PM at the fire hall for a snowshoe, cross-country ski or hike of CWC's newest preserve. For more info, call 716-665-8855 or visit www.cbccassadaga.org

Snowshoe Hike at Erie County Forest-11:00 am - 3:00 pm. Come out and join Paths, Peaks and Paddles for a snowshoe hike at one of our favorite spots! In the past we have been very lucky to hit this adventure right after a fresh snow fall. We are hoping Mother Nature will accommodate us again this year. It's a magical journey hiking through the forest with the snow covered tree branches and sparkling snow everywhere. This is truly a hidden treasure that you must experience. If you have your own snowshoes & poles the cost is \$15.00pp – this covers the snacks and hot beverages. If you do not have snowshoes contact us for rentals. Snowshoe rental with poles plus your snacks is \$25.00 pp. Reservations are a must for anyone who wishes to attend. If you have never snowshoed this is the time to come out and try it. Trails are easy to hike. Instructors and NYS Licensed Guides will accompany you on this hike. For further information or directions call 716-213-0350 [contact us](mailto:christine@pathspeakpaddles.com) (direct link) or christine@pathspeakpaddles.com

Sunday Snowshoe Hikes - Chestnut Ridge Park | 6121 Chestnut Ridge Road, Orchard Park, NY 14127| 10:00 AM | Shelter #21. Join a Park Ranger on Sunday mornings for a vigorous (snowshoe) hike through one of our County Parks. For the months of January and February this will be a snowshoe hike at Chestnut Ridge each week we have good conditions. Please dress appropriately for the weather and bring water. Snowshoes are available for rent in the casino. Meet at Shelter #21, just inside the Newton Gate.

Monday, February 10

Cheektowaga Garden Club- 6:45 p.m. in room 136 of Cleve-Hill Elementary School, 105 Mapleview Rd., Cheektowaga. The parking lot and access is in the rear.

Tuesday, February 11

"Plant Diversity of Albania, a little known corner of the Mediterranean." - 7:30 PM. Niagara Frontier Botanical Society. Our speakers, Jon & Priscilla Titus, have recently returned from a sabbatical in Albania. Jon is professor of botany at SUNY-Fredonia, and Priscilla is staff ecologist with the WNY Land Conservancy. 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

Fun Facts with Kelly: Sensory Edition -6 to 7pm at DeVeaux Woods State Park. Rough, smooth, sweet-scented, or hollow sounding - put your senses to the test and learn about unique items found in nature throughout all the seasons. *For information & registration call (716) 282-5154.*

ADK Meeting- Amherst Community Church, Washington Hwy., Snyder. Please park in rear and enter through back, up to 2nd floor. 6:30p - 7:15p | Education Workshop: Delicious Backcountry Cooking! Join Mary and Richard Schraven as they share their expertise. 7:00p – 7:30p | Meet, Greet, & Refreshments 7:30p – 7:45p | Business Meeting 8:00p – 9:00p | Presentation: Endangered Species Our February program, presented by the Buffalo Zoomobile featuring vital and endangered species. The program defines what threatened, endangered, extirpated and extinct species are. They will show a cross section of animals on the endangered species list, the reasons they are in danger and discuss preventative measures that have arisen over the years to help save these wonder creatures. They'll be discussing illegal pet trade, animal hunting/exploitation for merchants, and habitat destruction. Fortunately protective laws and conservation/preservation efforts of zoos and nature preserves are offering hope for the future of these precious animals.

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 <http://imaginelifelonglearning.com/lecture-series-winter-2020-schedule/>

Kenmore Garden Club- 10 a.m. at Kenmore United Methodist Church, 32 Landers Rd., Kenmore. “Do Flowers Smile?” will be presented by Darleen Stry, a member of the Southtowns Camera Club and instructor of Photoshop and digital photography. She will offer techniques to use in photographing flowers.

Wednesday, February 12

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-5. No registration required. Reinstein Woods Nature Preserve, Depew.

Best Practices for Diverting, Preventing & Managing Wasted Food: Webinar-11:00 AM (EST), About 30 minutes. Tackling food waste can yield many benefits for businesses, nonprofits, institutions and municipal governments that are directly or indirectly involved with food management and/or food recovery. The New York State Pollution Prevention Institute will present on experiences across New York State focused on turning waste streams into value-add products, setting up a diversion program, and implementing a community scale composting pilot. We will also highlight available resources that include technical assistance, best practices, and tools to reduce and recover food waste through the Institute. [Register](#).

Hamburg Garden Club- noon at the Hamburg Community Center, 107 Prospect Ave., Hamburg. This will be the annual membership tea and meeting. Take your own place setting and a dish of tea sandwiches or dessert to share. Guests are welcome. If you are interested in attending as a guest, please make your reservation at lonabutler4@gmail.com

Build up Buffalo-8:00 AM 5:30 PM at Buffalo Grand Hotel, 120 Church Street, Buffalo, NY, In 2015 the AIA Buffalo/WNY, Construction Exchange of Buffalo and WNY, and BOMA Buffalo hosted a symposium that focused on learning how the “other side” thinks, what motivated them, best practices, success stories, and shared innovative ideas. In 2020 we will host the follow-up to that event with a full day symposium to see how the region has moved forward, what lessons have been learned and take a look at what the future holds. Cost for members is \$125, or \$155 for non-members. Your paid registration includes parking, breakfast and lunch, access to the full-day symposium and an open bar mixer at the conclusion of the event. For more information or to register online, please click [here](#).

Beading in Binary-6 to 7pm. Adult workshop at Buffalo Science Museum, \$15/participant. [register](#)
Learn a bit of code to build a binary strand showing a name in ASCII for an encrypted token of love.

Lancaster Garden Club-6:30 pm at St. John Lutheran Church, 55 Pleasant Ave., Lancaster.
The group will work on a community service project for Valentine’s Day.

Buffalo Ornithological Society Meeting-Cummings Room of the Buffalo Museum of Science at 7:00 PM. Tim Seburn, Director of the Bert Miller Nature Club in Ontario, will introduce his documentary, *The Essence of Goodness – the Harold Axtell Story*.

Counter/Culture Lecture Series: - 6 pm - 7:30 pm, Hayes Hall 403. The spring 2020 series focuses on the theme of institutional and cultural bias and features a lineup of powerful thought leaders across our disciplines. Speaker: Samia Henri, Architectural Historian.

WNY Stormwater Coalition Meeting-2 to 3:30pm at Julia Boyer Reinstein Library, 1030 Losson Rd., Cheektowaga.

Thursday, February 13

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

Bringing Nature Home-6:30 pm. We humans are always being told “You are what you eat”. Simple enough, right? To be healthy you must eat healthy. When we remove our native plants and flowers and replace them with non-native ornamentals, we are creating an environment that is void of food for the animals which make up the foundation of our food web. Entomologist and Wildlife Ecologist Doug Tallamy brilliantly discusses why this is a problem for all of nature in his book *Bringing Nature Home- How You Can Sustain Wildlife with Native Plants*. This event is will be held at The Portville Free Library, 2 North Main Street, Portville, New York 14770. This program is free and open to the public. Register by **Tuesday, February 11th** or at the time of the program. Sign up on the programs Calendar on our website at www.pfeiffernaturecenter.org or contact the office at 716-933-0187.

The Intricate Life of Trees: Revealing the Extraordinary Impact of Trees in Our World- 6 p.m. at Burchfield Penney Art Center, 1300 Elmwood Ave., Buffalo. This free presentation and the larger discussion will address the ecological significance, environmental value, and climate change impact of trees.

Rails to Trails: Invasive Plant Clean-Up Effort-7:00 – 8:30pm at Jefferson Elementary School, 250 Athens Blvd, Buffalo, NY 14223. The Town of Tonawanda’s Rails-to-Trails pathway is a community asset that makes outdoor recreation possible right in your backyard. But the invasive species along the trail threaten to degrade this neighborhood gem. The Town of Tonawanda, along with WNY Partnership for Regional Invasive Species Management (PRISM), are working to manage the offending plants, but we need your help! Join us for our first training and learn about invasive species identification, mapping and removal! Parking is available in the lot on Oakvale (which is closest to the Door 3 entrance to the auditorium) and on James.

Guided Tour: Women Bird Walk Series-8:30 - 9:30 a.m. | \$6 per participant* | Ages 18+. Beginner to experienced woman birders are invited to join us for a welcoming, guided bird walk on the Preserve's trails. Binoculars and introduction to birding provided. *Advance registration required.* [register](#)

Planet Thursday- Discussion group at Unitarian Universalist Church of Amherst from 6:00 to 7:30 pm. Social Justice film series - [Merchants of Doubt](#). 6320 Main St, Williamsville, NY 14221.

Wyoming County Beginner Beekeepers Workshop-6pm at Ag Center, 36 Center St., Warsaw. \$10 (\$5 for Wyoming County enrollees). Register online at https://reg.cce.cornell.edu/WycoBeginnerBeekeepersWorkshop_256 or 585-786-2251.

Friday, February 14

South Towns Gardeners-meet at 9:30 a.m. at the West Seneca Senior Center, 4620 Seneca St., West Seneca. The program will be a presentation on herbs. Guests and new members are welcome. For more information, call 668-0209.

Valentine's Day Candle Lantern Walk-6:30 to 8pm. at [DeVeaux Woods State Park](#). Bring your family, friends, significant other, or come solo for a fun-filled night! Sip some hot chocolate while making your own lantern, then enjoy a walk through the old-growth woods. *For information & registration call (716)282-5154.*

Hemlock Woolly Adelgid Survey-1:00pm. Join us as we explore our backyard and survey the Jamestown Community College and Roger Tory Peterson Institute’s preserves. We will meet in the RTPI parking lot at 1pm to provide instruction and work our way through the preserves.

Birds and Brews: Lovebirds – 5 to 8pm. Bring your Valentine out for a short birding tour at the Outer Harbor (5-6pm), and then join us for a beer at Flying Bison Brewery (6-8pm)! This event will kick off the 2020 Birds on the Niagara Festival, so don’t miss out! Pre-registration is required for the 5pm birding tour. (585) 457-3228. Other events at www.birdsontheniagara.org

Saturday, February 15

Learn to Cross-Country Ski-10am. Learn the basics of cross-country skiing before going on a short guided ski tour. Ski rental: \$8/\$5 for Friends members. Registration required; call 716-683-5959. Reinstein Woods Nature Preserve, Depew.

Birds on the Niagara – Join us for an International winter celebration of the birds that call the Niagara River Corridor home. For more information and a schedule of events, visit: www.birdsontheniagara.org

Woods Walk: Snow "Stuff"-11am. Join a guided nature walk to learn about snow! No registration required. Reinstein Woods Nature Preserve, Depew.

Spring Gardening Seminar: Beekeeping -Free with registration. 2pm at Massachusetts Avenue Project, 387 Massachusetts Ave, Buffalo 14213. To register, email info@urbanroots.org or call 716-362-8982.

Guided Tour: Starry Night Valentine Hike-7 to 8:30pm. | \$7 per participant* | Ages 18+. Grab your favorite someone and enjoy the crisp night air while we stroll through Tiff's trails and end with a hot cocoa bar in Tiff's cozy, candlelit Education Center. *Advance registration required.* [register](#)

Winter Wonderland Ski Tour! -10am to noon at [Evangola State Park](#). Cross-country skiing is a wonderful way to enjoy winter at nearby parks! Learn how from the Buffalo Nordic Ski Club experts, or improve your technique, on a cooperative ski tour program with NYS Parks. *For information & registration call (716) 549-1050.*

Wildlife Ecology & Surveys-10:00am-12:30pm at Waste Management Nature Preserve. A challenging hike through mature forests with a focus on wildlife adaptations, behaviors and general ecology. As part of the experience, participants will assist in an ongoing wildlife survey for the Preserve. Become a citizen scientist! FREE PROGRAM, (Sponsored by Waste Management of Chaffee), *Pre-registration necessary.* Register online at earthspiritedu.org or call us at (716) 941-6267.

Valentines Celebration-Family Nature Club event for nature art from 2:30 PM – 4:00 PM at Fairmount Park, North Tonawanda, NY 14120. [RSVP](#)

Free Family-Friendly Bird Walk- 9:30 AM - 10:30 AM. Celebrate our region's unique winter bird life with a guided bird walk along Tiff's trails. All levels of interest are welcome! This program is just one of many FREE offerings of the annual Birds on the Niagara International Winter Celebration around the region. All ages. Please visit <http://www.birdsontheniagara.org/> for more information. Cost: FREE, *Advance Registration Required.* [Purchase Tickets](#)

Winter Birds- Boston Forest | Rice Road Lot (Near Rockwood Rd)| 10:00 AM. Take a hike with Park Ranger Stephanie and discover which feathered friends we borrow from our northern neighbors for the winter season. We will look for kinglets, ducks, sparrows, owls and of course those hardy birds that don't mind staying around for the harsh WNY winter. Black-capped Chickadees come guaranteed! Dress for the weather and bring waterproof boots and binoculars.

Buffalo Astronomical Association Meeting-1 to 4pm at the Buffalo Science Museum.

Sunday, February 16

GObike Buffalo Community Workshop: Wheels-5:30-7:30 pm. What's round, made of wire and can carry more than 100 times its own weight? The bicycle wheel is an amazing piece of engineering and in this class we'll go over truing the wheel (keeping it in one plane) and adjusting the hub via the cone and lock nuts. It's a wheely good 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.

WNY Hosta Society- meet at the Aurora Senior Citizens Center, 10 King St., East Aurora. Doors open 1:30 p.m. and the meeting takes place from 2 to 4 p.m. Steve Chamberlain, renowned hybridizer responsible for the 'Academy' series of hostas and many others, will speak on "Growing Hostas from Seed."

Valentine Snowshoe Brunch at Bond Lake-11:00 am - 2:30 pm. Join us out at Bond Lake for a Dutch Oven Brunch. We will serve hot fresh baked goodies, mountain man breakfast (vegetarian breakfast will also be served), tea, coffee and hot chocolate. After eating, join us for an early afternoon snowshoe adventure through the park. Brunch served at 11:00 AM. If you have snowshoes cost is \$25.00 (includes your brunch and guided hike). If you need to rent [contact us](#) (direct link). Snowshoe rental with poles is \$10.00pp. Reservations are a must. Trails are easy to hike. Instructors and NYS Licensed Guides will accompany you on this hike. For further information [contact us](#). (direct link) or contact Christine@pathspeakspaddles.com

Sunday Snowshoe Hikes- Chestnut Ridge Park | 6121 Chestnut Ridge Road, Orchard Park, NY 14127| 10:00 AM | Start of Disc Golf Course. Join a Park Ranger on Sunday mornings for a vigorous (snowshoe) hike through one of our County Parks. Please dress appropriately for the weather and bring water. Snowshoes are available for rent in the casino. Meet at the start of the disc golf course (eastern side of the casino).

The Great Backyard Bird Count-10am to noon at [Knox Farm State Park](#). Get your binoculars ready! This annual citizen science project invites birders, of all ages and skill, to count birds to create a real-time snapshot of bird populations. *For information & registration call (716) 549-1050.*

Winter Weeds Walk-1 to 2:30pm at [Knox Farm State Park](#). The greens of summer have long been gone, yet many of our favorite plants remain. Do you recognize them? Join us for a hike to learn some of our common winter weeds. *For information & registration call (716) 549-1050.*

Tuesday, February 18

Winter Survival Hike-10am. Embark on a guided walk through the woods while learning survival tips and how to hike safely during our cold winter months. Registration required; call 716-683-5959. Reinstein Woods Nature Preserve, Depew.

Sierra Club Meeting-6:30pm at Daemen College, Research and Information Commons room 101, 4380 Main St. All welcome.

Fun Facts with Kelly: Winter Trivia Edition-6 to 7pm at [DeVeaux Woods State Park](#). Come one, come all! Play a game of trivia to learn about nature in winter! Hibernation to migration, and everything in between. Test your knowledge and compete to win, Family Feud style! *For information & registration call (716) 282-5154.*

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 <http://imaginelifelonglearning.com/lecture-series-winter-2020-schedule/>

Toddler Time: Winter Day Play! – 10 to 11:15am. Join us for some outdoor play at Beaver Meadow with your little one(s). We'll paint the snow, play some games and learn how to snowshoe! Dress for the weather! If weather is not cooperative, we'll play some cabin fever games inside the Nature Center! Afterwards, we'll eat a yummy snack. Pre-registration is required. \$3 per child. Ages 2-4. 585-457-3228.

Precision Agriculture Workshop Series-10am to noon at 4-H Training Center, auditorium, 4487 Lake Avenue, in Lockport. Free with registration to *Amanda Henning at 433-8839 ext. 231 or by emailing her at app27@cornell.edu*** The educational goal of Extension is assisting producers to adopt innovative and proven technologies in crop production to enhance water quality, soil health, environmental quality, and farm profits. Cornell Cooperative Extension of Niagara County will be offering three sessions to help producers learn more about Precision Agriculture.

Wednesday, February 19

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

Under the Ice-10:30am. Come explore the winter world of our ponds! Children will participate in a hands-on indoor and outdoor exploration to discover how turtles, frogs, insects, and more survive under the ice. For children in grades K-5. Registration required; call 716-683-5959. Reinstein Woods Nature Preserve, Depew.

Energy Justice: Principles and Practice Webinar-1:30 to 2:30pm. Response to climate change has triggered unprecedented investment in clean energy technologies. To ensure equitable distribution of these resources and their benefits, understanding the concept of energy justice and its practical application to energy law and policy will be essential. Join the LIFE Webinar Series to learn about the foundations of energy justice and explore practical solutions that hasten the transition from fossil fuels and address the inequities of current energy systems. [Register.](#)

Seed Packing Meeting-7:30pm at Audubon Library, 350 John James Audubon Pkwy, Buffalo, New York 14228. [info](#) [WNY Seed Library](#)

Wednesday Ice Volcano Walk-10am to noon at [Woodlawn Beach State Park](#). Take a guided walk to see the very unique Lake Erie Ice Volcanoes and other ice formations. *For information & registration call (716) 549-1050.*

Counter/Culture Lecture Series: - 6 pm - 7:30 pm, Hayes Hall 403. The spring 2020 series focuses on the theme of institutional and cultural bias and features a lineup of powerful thought leaders across our disciplines. Speaker: Andrew Herscher, Architect/Architectural Historian.

Thursday, February 20

Learn To Cross-Country Ski-10am. Learn the basics of cross-country skiing before going on a short guided ski tour. Ski rental: \$8/\$5 for Friends members. Registration required; call 716-683-5959. Reinstein Woods Nature Preserve, Depew.

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

Winter Speakers Series with Explore Buffalo-7 to 9pm at First Presbyterian Church, Symphony Circle. Check speakers/topics at <https://explorebuffalo.org/winter-speaker-series/>.

Planet Thursday- Discussion group at Unitarian Universalist Church of Amherst from 6:00 to 7:30 pm. Our Place in the Web of Life. 6320 Main St, Williamsville, NY 14221.

Friday, February 21

Interactive Fossil Dig- 1 to 2pm @ Lancaster Public Library. For ages 5 - 15. Penn Dixie will be here for an interactive fossil dig. [Registration](#) required.

Bird Feeder Crafts-2 to 3pm @ Lancaster Public Library. Learn about winter animals and help out our fine feathered friends by creating birdhouses and bird pinecone feeders. For ages 7 - 14. [Registration](#) is required.

*We will be using peanut butter in this program.

Saturday, February 22

Snow Roll—Join us for the third Snow Roll of the season at Massachusetts Avenue Park (Massachusetts Ave and Winter St). Meet at 12 pm; ride at 12:30 pm. If you need help getting your bike ready for the snow, stop by our community workshop for a hand! More [information here](#).

Family Nature Quest: Snowshoe Walk-10am. Join us for a morning snowshoe walk along the trails as we look for signs of wildlife. Snowshoe rental: \$5/\$2 for Friends members. Registration required; call 716-683-5959. Reinstein Woods Nature Preserve, Depew.

Horticulture 3 Classes-11am to 1pm at Buffalo & Erie County 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. The cost is \$20 per class or \$100 for the series for Botanical Gardens members and \$25 per class or \$125 for the entire series for the general public. Topic: Shade Gardening. Registration is available [online](#).

Hiking Preparation(s)- Bureau of Forestry | Genesee Rd| 10:00 AM | Warming Hut by Sugar Shack. Join Erie County Park Ranger Roy for a hike after checking out some of the actions and gear that can add safety and fun to your activities. Bring your own pack and be prepared for a brisk winter hike. Wear winter boots and dress for the weather.

Snowshoeing in the Owens Falls Sanctuary-11:00 am- 1:00 pm. Join us at one of our signature properties in East Aurora, the beautiful Owens Falls Sanctuary, and give it a go. [This snowshoe walk](#) will be led by Buffalo Audubon Society's naturalist-in-residence, Mark Carra. Children ages 8 and up are welcome to participate. Snowshoes will be provided, but you are also welcome to bring your own. On this walk, you'll not only get to experience the thrill of walking on snowshoes through a winter forest; you'll also learn about the flora and fauna in beautiful Western New York. This event is free but you must register [here](#).

Spring Gardening Seminar: Urban Permaculture -Free with registration. 2pm at Massachusetts Avenue Project, 387 Massachusetts Ave, Buffalo 14213. To register, email info@urbanroots.org or call 716-362-8982.

The Little Brothel That Could-Join Barbara Campagna of BAC/Architecture + Planning, PLLC and PBN Executive Director Jessie Fisher for a short tour and then head down to [Big Ditch Brewing Company](#) as they team up with our Director of Preservation Services, Christiana Limniatis, to share the life and times of 72 Sycamore Street, the little brothel that could. This members-only (Preservation Buffalo) event is sponsored by [Big Ditch Brewing Company](#). The tour will start at 5:30pm at 72 Sycamore and move to Big Ditch around 6:15pm for the talk portion of the event. Join if not a member and grab your tickets [here](#).

Snowshoeing at the Owens Falls Sanctuary, East Aurora, NY-11am to 1pm. Have you ever snowshoed through a forest? Would you like to try? Then join us at one of our signature properties in East Aurora, the beautiful Owens Falls Sanctuary, and give it a go. This snowshoe walk will be led by Buffalo Audubon Society's naturalist-in-residence, Mark Carra. Children ages 8 and up are welcome to participate. On this walk, you'll not only get to experience the thrill of walking on snowshoes through a winter forest; you'll also learn about the flora and fauna in beautiful Western New York. [REGISTER](#)

Saturday, February 22

I BIRD NY-10am to noon at [Buckhorn Island State Park](#). Our parks offer incredible birding opportunities for all ages. Join us each season as we explore a different park and learn about our local birds. *For information & registration call (716) 549-1050.*

Galaxy Art-Adult workshop, \$15/participant at the Buffalo Science Museum. 6:00 - 8:00 p.m. Learn how the Hubble Space Telescope gives us such vibrant views of deep space as you paint your very own piece of the universe. [register](#)

Gardeners' Give & Take-10am. Come join us at Urban Roots for Gardeners' Give & Take. An informal discussion of everything gardening. Come ask questions, share successes and failures, bring your ideas and thoughts while expanding your sense of gardening community. We'll put on the coffee, you bring the conversation. Novice to expert, everyone is welcomed to discuss the many facets of gardening. No need to register, just show up. We are looking forward to seeing you here. 428 Rhode Island Ave., Buffalo

Birding at Buckhorn Island State Park – 10am to 1pm. Start your weekend with the Birds! Join Naturalist Tom Kerr for a Birdwatching Hike through Buckhorn Island State Park. The Niagara River hosts one of the biggest congregations of migrating waterfowl in North America. Meet at Woods Creek lot on East-West Park Drive. Preregistration is required. 585-457-3228. Binoculars are available. Donations gratefully accepted.

Old Time Community Snowshoe Hike-6:00pm-8:30pm at The Park School of Buffalo. A special evening that seeks to recreate the community snowshoe hikes in New England in the late 19th century. Participants will learn of the history and skills of snowshoeing and the wonders of Winter ecology. Hot beverages and warm meal of vegetarian chili and cornbread will be provided by 716 Fresh. Join us as we experience the simple pleasures of the past on the beautiful Park School Campus. \$20 – Members, \$25 - Non-members, ***Please note that pre-registration is required for all events!*** Register online at earthspiritedu.org or call us at (716) 941-6267.

Sunday, February 23

GObike Buffalo Community Workshop: Fix a Flat-Learn the ins and outs of fixing a flat. Includes hands on instruction on tube patching and tube and tire removal and reinstallation. We will also discuss the different types of punctures as well as flat prevention. 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 Snowshoe Hikes - Chestnut Ridge Park | 6121 Chestnut Ridge Road, Orchard Park, NY 14127| 10:00 AM | Shelter #21. Join a Park Ranger on Sunday mornings for a vigorous (snowshoe) hike through one of our County Parks. For the months of January and February this will be a snowshoe hike at Chestnut Ridge each week we have good conditions. Please dress appropriately for the weather and bring water. Snowshoes are available for rent in the casino. Meet at Shelter #21, just inside the Newton gate.

Monday, February 24

The History of the SPCA Serving Erie County-6pm at SPCA's Human Education Center, 300 Harlem Rd., West Seneca. Cost \$10. Learn how our local SPCA played a pivotal role in animal welfare in North America. [Register.](#)

Tuesday, February 25

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 <http://imaginelifelonglearning.com/lecture-series-winter-2020-schedule/>

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

2020 Midwinter Celebration at Angelica Tea Room-5:30pm to 7:00pm at Angelica Tea Room, 517 Washington Street, 14203 for Working for Downtown party to celebrate the passing of the mid-point of winter! With a bright, classy interior and interesting new takes on vintage drinks, Angelica Tea Room is a craft cocktail bar determined to bring a sense of the prohibition era to downtown Buffalo. Tickets are now on sale. [Click here to purchase.](#) Members: \$15, Non-members: \$20, At the Door: \$25

Mardi Paws- Fundraiser for Niagara SPCA from 5:30 to 8:30pm at Sheraton Niagara Falls, 300 3rd St. Mardi Paws features amazing cocktails, delicious Cajun food, basket raffles, a wine ring toss, DJ Pat Proctor, a photo booth and more! Hostess Gabrielle Mediak from Channel 4 News WIVB! Event will benefit the shelter animals of Niagara SPCA! Sponsorship and unique basket donation opportunities available. Email KimberlyLaRussa@aol.com for more information. Tickets at <https://www.eventbrite.com/e/mardi-paws-tickets-88971820109>

Sierra Club Meeting-7 to 9pm at Daemen College, Research and Information Commons, Room 101. All welcome.

Wednesday, February 26

Quarterly Meeting for West Valley Citizen Task Force- <http://westvalleyctf.org/meeting-information/>

Counter/Culture Lecture Series: - 6 pm - 7:30 pm, Hayes Hall 403. The spring 2020 series focuses on the theme of institutional and cultural bias and features a lineup of powerful thought leaders across our disciplines. Topic: Table Talks, networking event.

Immune Building with WNY Herbs- 6:30 PM to 8:00 PM at beHealthy Institute ([map](#)). Cold and flu season is upon us, and it's a great time to support our immune system. Lifestyle and nutritional choices are vital--and western NY lawns, gardens, and wild places offer an abundance of plants that can help as well. Learn to identify or cultivate these plants, and how to safely and effectively use them for a healthy winter season. Cost: \$24 includes numerous samples, recipes, and an emailed powerpoint presentation. ****Registration required.**

Thursday, February 27

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

Winter Speakers Series with Explore Buffalo-7 to 9pm at First Presbyterian Church, Symphony Circle. Check speakers/topics at <https://explorebuffalo.org/winter-speaker-series/>.

Guided Tour: Women Bird Walk Series-8:30 - 9:30 a.m. | \$6 per participant* | Ages 18+. Beginner to experienced woman birders are invited to join us for a welcoming, guided bird walk on the Preserve's trails. Binoculars and introduction to birding provided. *Advance registration required.* [register](#)

Planet Thursday- Discussion group at Unitarian Universalist Church of Amherst from 6:00 to 7:30 pm. Ecolab: CSAs and seed planting. 6320 Main St, Williamsville, NY 14221.

Friday, February 28

Science After Hours: Golden Mummies-6 to 9pm at the Buffalo Science Museum. Celebrate our new traveling exhibit, Golden Mummies of Egypt, presented by M&T Bank, with an adults-only night out worthy of the Pharaohs! Enjoy special ancient Egyptian activities throughout the Museum, a cash bar and a chance to experience this spectacular exhibition as it makes its U.S. premiere. *Includes entry to Golden Mummies of Egypt.* \$23* online, \$25* at the door (pending availability), Ages 21+. [register](#)

Saturday, February 29

Family Nature Quest: Snowshoe Walk-11am. Join us for a morning snowshoe walk along the trails as we look for signs of wildlife. Snowshoe rental: \$5/\$2 for Friends members. Registration required; call 716-683-5959. Reinstein Woods Nature Preserve, Depew.

Spring Gardening Seminar: Seed Starting -Free with registration. 2pm at Grassroots Gardens, 389 Broadway, Buffalo 14204. To register, email info@urbanroots.org or call 716-362-8982.

Leap Day Fun Day – 10 to 11:30am. Join Naturalist Mark Carra at Beaver Meadow for an extra good time hiking on this extra day of the year. Let's learn about who is and isn't sleeping through the winter and make a frog craft. Preregistration is required. **585-457-3228.** \$6.

Backyard Birds and Birdfeeders – 1 to 3pm. Join Naturalist Tom Kerr at Beaver Meadow Audubon Center for a birdfeeder demonstration and learn about the common birds that frequent our backyards. All participants will receive a coupon good for 30% off a birdfeeder or bag of birdseed in the Beaver Meadow Gift Shop. Preregistration is required. \$5. **585-457-3228.**

A Stroll at the Falls-10am to noon at Niagara Falls State Park. Come out and enjoy a winter wonderland with friends and family! With the chill in the air and ice on the falls, take in this natural wonder that amazes us all. Weather permitting, the adventure will be taken on snowshoes. *For information & registration call (716) 282-5154.*

Horticulture 3 Classes-11am to 1pm at Buffalo & Erie County 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. Horticulture III and IV will be offered in 2020 and Horticulture V and VI will be offered again in 2021. The cost is \$20 per class or \$100 for the series for Botanical Gardens members and \$25 per class or \$125 for the entire series for the general public. Topic: Small Space and Urban Gardening. Registration is available [online](#).

Birding on the River-10am to 11:30am at Beaver Island State Park. Join us as we seek migratory waterfowl and other winter birds found along the Niagara River. We'll visit the lagoon overlook as well as a few other viewing areas in Beaver Island State Park. *For information & registration call (716) 282-5154.*

Annual Spring Bloom Classes-9 – 2:30. Topics: Gardening Through the Seasons, Care of Trees and Shrubs and Backyard Beekeeping. Cost \$25 for Master Gardeners and \$30 for the public. Register online at: https://reg.cornell.edu/InBloom_214 or call Jolie at CCE, 652-5400 ext: 176. Cooperative Extension in E Aurora.

Signs of Change- Chestnut Ridge Park | 6121 Chestnut Ridge Road, Orchard Park, NY 14127| 10:00 AM | Casino. Spring may still feel like a long way off, but things are slowly beginning to change. Join Ranger Chuck as he looks for signs of the coming spring. Bring your pack and water, dress for the weather, and be prepared to walk for at about 2 hours.

Wilderness Stories-1:00pm-3:00pm at Orchard Park Public Library. Hear tales of Earth Spirit Excursions' most recent adventures, learn about wolf, bear, and other megafauna, and ask questions about upcoming experiences! Light refreshments will be provided. The views expressed are solely those of the author/speaker/presenter and do not necessarily reflect the views of, and should not be attributed to, the Orchard Park Public Library. FREE PROGRAM. Pre-registration necessary. Register online at earthspiritedu.org or call us at (716) 941-6267.

2020 Vision: Climate Leap Forward-A Forum to Meet the Climate Crisis from 9 AM – 3 PM at Westminster Presbyterian Church • Buffalo. Cost: \$10, Students: \$5, *Lunch provided*. The Bible calls communities and nations to preserve the earth. A leading voice for climate responsibility, The Rev. Dr. Jim Antal, will share models for activism in the church across the nation and explore with us the climate challenges to Western New York. We will discern how God calls us to collective action and send participants back to their congregations to encourage commitment and action to climate justice. <https://westminster-events.org/event/2020-vision-climate-leap-forward/>

Sunday, March 1

Snow Roll at Roosevelt Playground-3pm. Our fourth and final monthly *Snow* Roll brings us Roosevelt Playground between Suffolk and Edison Streets, as part of our partnership with the City of Buffalo on Wintermission, a project led by the Toronto-based 8 80 Cities Foundation to combat social isolation and increase levels of physical activity in winter for all residents, no matter their age, ability, socio-economic, or ethnocultural backgrounds. Before the ride, get a free pair of light gloves from our presenting partner Independent Health. Meet at 2:30 - ride at 3 pm - return to the park for food, drinks and fellowship, stay tuned for more!

<https://gobikebuffalo.org/events/calendar/event:03-01-2020-3-00pm-snow-roll-at-roosevelt-playground/>

Tips for the Environment:

Quality Paper Recycling-NYS DEC's #RecycleRightNY is dedicating February to educating the public about paper recycling dos and don'ts. According to the US EPA, over 65% (approximately 44.2 million tons) of the paper and paperboard produced was recycled in 2017. Let's recycle even more in 2020 and make sure that the paper we're recycling is of high value and free of contamination. How? Recycle paper from your home, office, school and just make sure it is clean, dry, and free of food residue. If you buy greeting cards, seek out ones without plastic, glitter and other nonrecyclable components. You can opt out of junk mail by [registering](#) on the National Do Not Mail List. DO NOT recycle

- Paper products with metal, foil, glittery or large plastic components
- Paper mailers and envelopes padded with bubble wrap and Tyvek® envelopes
- Plastic inserts, fake credit cards, and other hard plastic cards
- Receipts
- [Paper towels and tissues](#) (consider [composting](#) instead if chemical cleaners are not used)
- Soiled paper plates, bowls, takeout boxes etc.

Ongoing Volunteer Opportunities Available

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Additional calendars with local events-

<http://artvoice.com/calendar>

<http://www.citybration.com>

<http://www.buffalospree.com>

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

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

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

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

<http://buffalorising.com>

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

<https://boredommd.com/>

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.ecatrail.org/>

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

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

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

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

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

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

Nourishing Harvest- <https://www.patreon.com/anourishingharvest>

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.buffaloudubon.org

www.buffalogardens.com

www.buffscience.org

www.tifft.org

www.buffalozoo.org

www.penndixie.org

www.yourspca.org

Education Resources

[Green Education Foundation](#)

[Facing the Future](#)

[Cloud Institute for Sustainable Education](#)

[Sustainable Futures Institute](#)

[Nature Generation.](#)

[The Center for Ecoliteracy](#)

[Hamline's Center for Global Environmental Education \(CGEE\)](#)

[The National Science Teachers Association Learning Centers](#)

[The US Partnership for Education for Sustainable Development](#)

Grant Opportunities/Tools

<https://trust.guidestar.org/grant-writing-101-resources-for-grant-writers>

<http://assembly.state.ny.us/gan/>

www.grantstation.com

www.grantwatch.com

www.grantsalert.com

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

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

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

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

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

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

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

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

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/>

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/>
Free Fallen Fruit Rescue-<https://www.facebook.com/freefallenfruitrescue>
Good Food Farm- www.goodfoodfarm.blogspot.com
Gormley Farms- <https://www.facebook.com/gormleyfarms>
Green Heron Growers- <http://www.greenherongrowers.com/>
Green Shoots- [www.jersbuffalo.org/index.php/programs/category/Green Shoots for New Americans](http://www.jersbuffalo.org/index.php/programs/category/Green_Shoots_for_New_Americans)
Gregs U-Pick- <http://gregsupick.com/>
Groundwork Market Garden- <http://www.groundworkmg.com>
Harvest Patch- <http://www.harvestpatch.com/>
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://platodalefarm.com/>
Porter Farms- <http://www.porterfarms.org/>
The Promised Land- <http://promisedlandesa.com/>
Providence Creek Farm- <http://www.providencecreekfarm.com/>
Richardson Farms/Grace's Garden- <https://www.facebook.com/groups/RichardsonFarmsAkronNY/>
Roots & Wings Family Farm- <https://www.facebook.com/rootsandwingsfarm/>
Root Down- www.therootdownfarm.com
Rust Belt Harvest- <http://rustbeltharvest.org/>
Sinemus Farms- <http://www.sinemusfarms.com/>
Singer Farms Naturals-www.singerfarmnaturals.com
Teacup Farm- <http://www.teacupfarm.com/>
Thorpe's Organic Farm- www.thorpesorganicfamilyfarm.com
Uteley Acres- <http://uteleyacres.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/>
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/>, <https://www.decluttr.com>
Computer equipment- local Goodwill stores and attended donation centers, Best Buy, Sunnking drop-offs
Construction Materials-Buffalo ReUse, Habitat for Humanity Restore
Drug disposal best practices and sites- <http://www.dec.ny.gov/chemical/45083.html>,
<http://www.dec.ny.gov/gmk/index.html?url=http://www.dec.ny.gov/maps/gmnysmeddropbox.kmz>
Electronics- www.greenergadgets.org/recycling-responsibly.html, most electronics stores, www.sunnking.com
City of Buffalo residents- 1120 Seneca Street, hours and info [here](#); Other residents, check with your towns.
Envelopes, tyvek- < 25: Send to Tyvek Recycle, Attn. Shirley B. Wright, 8401 Fort Darling Road, Richmond, VA 23237. More than 25: call 866/33-TYVEK.
Eyeglasses-Lions Club <http://donateglasses.net/search.html> for sites accepting donations
Fishing line: Berkley Recycling, 1900 18th St., Spirit Lake, IA 51360.
Fur coats (incl faux fur)- <http://coatsforcubs.com> (used for animal rehab for young animals)
Furniture-Goodwill, Salvation Army, Amvets and other charities
Gift cards and customer loyalty cards- <http://www.earthworkssystem.com/consumers.html>
Green Cleaning programs in the workplace-<https://greencleaning.ny.gov/Entry.asp>
Greeting Cards- <http://www.stjudesranch.org/shop/recycled-card-program/>
Hazardous Household materials- <http://www.hazmanusa.com/>
Household Goods (Appliances, Furniture, Kitchenware)-Goodwill, Salvation Army, Ladies of Charity, St. Vincent DePaul Society (Main St.) 882-3600,
Ink cartridges-RecyclePlace.com and most manufacturers
Mattresses- <http://triadrecycle.com/mattress/> Hazman, Buffalo ReUse ReSource
Medicines, expired or unused- http://www.dec.ny.gov/docs/water_pdf/guidance3.pdf
Needles, Syringes etc.- <http://www2.erie.gov/health/index.php?q=needle-disposal-amp-access>
Packaging Materials (bubble wrap, peanuts)-UPS Store
Pharmaceuticals-dropoff sites at [map](#)
Plant pots- Mischler's Florist and Nursery, Lavocats Nursery, Lockwood's Nursery, Lowes stores, Home Depot
Plastic shopping bags, cereal liners, packing pillows-groceries, many retailers, www.plasticfilmrecycling.org
Plastics 1-7- dropoff at Great Lakes Recycling, 22 Mechanic St, North Tonawanda, 716-692-3448
Recycling A to Z - realsimple
Shoes, athletic-NikeReuseAShoe.com, Souls4Souls.org and OneWorldRunning.com
Sports equipment-resell/trade at www.playitagainsports.com
Styrofoam- Thermal Foams, Inc. fors clean, white Styrofoam at 2101 Kenmore Ave., 14207. Call first at (716) 874-6474.
Tennis balls- <http://www.rebounces.com/recycle/>
Toys, plastic- http://dmpgreen.com/mail_in.html
Uses and reuses for many items- <http://www.world.org/weo/recycle>
Water filters-Brita partners with preserveproducts.com/recycling
Wetsuits- <https://www.sugamats.com/recycling/>, <https://www.greengurugear.com/pages/recycling-to-upcycle-program>

Eco-volunteering with Travel:

<http://www.planetfriendly.net/learn.html>
<http://www.globalteer.org>
<http://www.ecovolunteer.org/>
<http://www.goeco.org/>
<http://www.woof.org/>
<http://www.americanhiking.org/>

Education Courses or Certificates:

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

Coursera- www.coursera.org

Miscellaneous:

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

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

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

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

Videos/Websites

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

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

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

[Archived EPA Climate Change Info.](#)

www.epa.gov/climate-indicators.

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

[Tool for Sourcing Local Meat](#)

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

[iMATTER Youth Movement to Spark Change](#)

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

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

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

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

[2018 Fuel Economy Guide](#)

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

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

Adirondack Mountain Club-Niagara Frontier Chapter
Meetings 7:30, second Tues. from Sept.-June

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

AIA Buffalo Western NY

<https://www.aiabuffalowny.org/>

Air and Waste Management Association

<https://awmanfs.wildapricot.org/>

Allegany Nature Pilgrimage

<http://allegannaturepilgrimage.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.buffaloudubon.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-orienteeing.org/
Buffalo Ornithological Society	http://www.buffaloornithologicalsociety.org/
Buffalo Recycles	http://buffalorecycles.org/
Buffalo ReUse	www.buffaloreuse.org/

Buffalo Urban Development Corp	http://budc.ecidany.com/
Buffalo Zoo	www.buffalozoo.org
Burchfield Nature and Art Center	http://www.burchfieldnac.org/
Center for Environmental Information (Rochester)	http://ceinfo.org/
Center for the Study of Art, Architecture, History and Nature	http://buffaloah.com/h/center/index.html
Chautauqua Watershed Conservancy	http://www.chautauquawatershed.org/
Chestnut Ridge Conservancy	http://chestnutridgeconservancy.org/
Citizens Campaign for the Environment	www.citizenscampaign.org
Citizens Coalition for Wildlife and Environment	http://citizencoalitionwe.com/
Citizens for Regional Transit	www.citizenstransit.org/
City Action Corps	www.cityactioncorps.org
Clarence Bluebird Trail	www.clarencebluebirdtrail.org
Clean Air Coalition of Western New York	https://www.cacwny.org/
Clean Communities of Western New York	http://www.ccofwny.org/
Coalition of Positively Charged People	https://www.coalitionpositive.org/
Community Action Organization of Erie County	http://www.caoec.org/
Community Foundation for Greater Buffalo	http://www.cfgb.org/
Cornell Cooperative Extension for Cattaraugus County	http://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	www.ecswcd.org/
Excalibur Leisure Skills	https://www.facebook.com/excaliburleisureskills/
Explore Buffalo	www.explorebuffalo.org
Farm2Curb	https://www.facebook.com/farmtocurb
Field and Fork Network	http://fieldandforknetwork.com/
First Hand Learning	www.firsthandlearning.org
Food Policy Council of Buffalo & Erie County	http://www2.erie.gov/fpc/
Foundry	http://thefoundrybuffalo.org/
Friends of the Iroquois National Wildlife Refuge	http://www.friendsofiroquoisnwr.org/
Friends of Reinstein Woods	http://reinsteinwoods.org
Friends of Times Beach Nature Preserve	http://www.friendsoftimesbeachnp.org/
Foothills Trail Club	www.foothillstrailclub.org

Gardens Buffalo Niagara	https://gardensbuffaloniagara.com/
Garden Clubs of WNY	www.gardenclubsofwny.com
Genesee County Nature Center	http://co.genesee.ny.us/departments/parks/inc.php
Genesee County Village & Museum	https://www.gcv.org/
Global Justice Ecology Project	http://globaljusticeecology.org/
Go Bike Buffalo	http://gobikebuffalo.org/
Go Buffalo Niagara	http://gobuffaloniagara.org
Gooseneck Hill Waterfowl Sanctuary	www.gooseneckhillwaterfowlfarm.com
Grassroots Gardens of Buffalo	www.grassrootsgardens.org/
Greater Buffalo-Niagara Regional Transportation Council	www.gbnrtc.org/
Great Lakes Beach Sweep	http://greatlakesbeachsweep.org/
Great Lakes Center at Buffalo State College	http://greatlakescenter.buffalostate.edu/
Great Lakes Experience	http://www.thegreatlakesexperience.org
Great Lakes Research Consortium	https://www.esf.edu/glrc/
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://inlandoceancoalition.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	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.seagrantsunysb.edu/
New York State Soil and Water	http://www.nys-soilandwater.org/
Northeast Sustainable Agriculture Working Group	http://nesawg.org/
New York Upstate Chapter of the Green Building Council	http://www.greenupstateny.org/
New York 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/niagarafontierbotanicalsociety.org/niagarasociety/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.sciencedemandsaction.org
Service Collaborative of WNY	http://www.tscwny.org/

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

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

Wild Kritters

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

Wild Spirit Education

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

Wind Action Group

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

Working for Downtown

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

World on your Plate

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

Youth Climate Summit

<https://wnyyouthclimatesummit.org/>