

Enviro-News

July 2017

Sponsored by Daemen College's Global & Local Sustainability Program

Newsletter Contents:

- Articles- including events, courses, local news, grants, positions
- Upcoming Activities
- Tips for the Environment, The 4R's by Lesley Haynes
- Volunteer Opportunities, Recycling, CSAs and Farms, Organization links

Articles:

Invasive Species Awareness Week

New York's 4th Annual Invasive Species Awareness Week will take place **July 9-15, 2017**. This year's theme will be "Invasive Species Reality Check: Where We Are & Where We Need to Go." This theme is timely as it has been more than a decade since the state's invasive species program began. It is time to not only share and celebrate our successes to date, but also to chart a course for the work that we will undertake moving forward. For more information on how to be involved visit: <https://stoptheinvasionny.com/>.

Gooseneck Hill Waterfowl Sanctuary Open Sundays for Summer

Gooseneck Hill Waterfowl Sanctuary is open to the public on Sundays in July and August from 2-5 P.M. Take a drive to Delevan and learn to identify 78 different species of waterfowl. Visit features guided tours of all the birds in the beautiful landscaped park with over 700 flying geese, ducks and swans, baby waterfowl, 78 different species, including over 100 endangered birds. See singing, dancing swans, walk with the flying birds and hand feed the geese. Tour the two largest covered aviaries in the U.S.. Group tours by appointment Monday through Saturday. The Sanctuary is at 5067 Townline Road, Delevan, N.Y. 14042. Admission: Adults \$10, Seniors & Children (under 12) \$7. No pets please! [716-942-6835](tel:716-942-6835), www.gooseneckhillwaterfowlfarm.com

Toolkit for Taking Action-Save the Date

The annual Environmental Summit will be held on **Saturday, September 30** from 8:30am-12:15pm at Daemen College. This year's event "Toolkit for Taking Action" will feature workshops to prepare individuals and organizations to raise awareness on issues, help influence policy and understand how to navigate the political and legal system. Organizations are invited to have a free display table and provide information on how individuals can get involved. To reserve a table, contact byoung@daemen.edu.

Growing Connections and Breaking Barriers for Food Security in Western New York

A one-day workshop on community food security and gardening will be held on **Wednesday July 26** from 8:30am to 3:30pm at True Bethel, 907 East Ferry, Buffalo. Join us for lunch, a self-guided community garden tours, and a discussion on our efforts with Seed to Supper, a program which addresses the root causes of hunger through providing free vegetable gardening instruction to low-income adults. To view flyer, please [CLICK HERE](#). To RSVP [CLICK HERE](#) or call (716) 652-5400 ext. 177.

News, Brews & Rock 'n' Roll

Support investigative journalism by attending the fundraiser on **Friday July 28** at 5:30pm at the Sportsmen's Tavern at Amherst. Tom Toles and The Outlyers will provide a concert to benefit Investigative Post, Buffalo's nonprofit investigative reporting center. This year's show has a different twist, a happy hour performance running from 5:30 to 8 p.m. Tickets are \$20 and available online or at the door. Tickets can be purchased at <https://www.investigativepost.org/concert/>.

Garden Tour Month

In addition to the large Garden Walk Buffalo on **July 29 and 30**, many local neighborhoods and towns are hosting garden walks throughout the month. Buffalo has become a garden destination due to the largest garden festival in the US. Check out the new [video](#) to help promote our region, produced by Gardens Buffalo Niagara and Visit Buffalo Niagara. Garden events are listed at <https://gardensbuffaloniagara.com/>.

12th Annual Paddles Up Niagara paddling expo!

The 12th Annual Paddles Up will be held **July 29, 2017** from 7:00 AM to 2:00 PM at Beaver Island State Park. There are four tours available. Buffalo Niagara Riverkeeper will offer kayaks to rent on the Late Morning Fun Paddle tour. Prior registration is required if renting a kayak and strongly encouraged for all tours. All participants are required to register individually and must wear a PFD while on the water. Come join in the fun with vendors, product demos, food, beer tent and more! Register for a paddle tour at <http://bnriverkeeper.org/paddlesup/>

Wild America Nature Festival

Roger Tory Peterson's Wild America Nature Festival will be held on **July 29 and 30** at Panama Rocks Scenic Park in Panama, NY. You can see and shop for nature art made by over 40 talented artists; expand your mind with nationally renowned speakers; taste delicious locally-sourced food in the festival's local food cook-off; meet live animals including hawks and owls; listen to live music; and participate in activities that are fun for all ages. For a limited time you can buy a discount weekend pass online for the price of a one-day pass at www.WildAmericaFest.com.

Community Group Offering Citizen Science Mentoring Program for Local High School Students

A unique summer opportunity is being offered to local high school students in Citizen Science Community Resources (CSCR) 2017 "Students Become Citizen Scientists" program. Students will gain community service hours, firsthand experience collaborating with research scientists, and the opportunity to participate in data collection. The program has started and runs until the end of August. It's not too late to apply! Participants must be ages 15-18. Sign up by calling CSCR office at 716-873- 6191 or email at info@csresources.org. This year's opportunity will focus on a Soil Study in neighborhoods potentially impacted by pollution coming from Tonawanda Coke Corp. located in Tonawanda, NY. CSCR is collaborating with the University at Buffalo and SUNY Fredonia, on the project which was funded by the courts in the Tonawanda Coke Corp. v United States of America guilty verdict against the company. Students living in the Tonawanda's, Kenmore, Riverside, and Eastern Grand Island are especially encouraged to participate.

The Great Lakes Naturally Educator Workshop

A free two-day workshop for Grade 4-10 teachers will be held at Reinstein Woods Environmental Education Center on **July 12 and 13**. Formal and Non-Formal Educators are welcome! Spend the days at two of WNY's premiere place-based nature centers learning about all parts of the Great Lakes food web – from plankton to apex predators. The workshop will be co-taught by Helen Domske, NY Sea Grant; Mary Ronan, NYSDEC Reinstein Woods Environmental Education Center; and Lauren Makeyenko, Beaver Meadow Audubon Center. For more information and to register, please contact Helen Domske at 716-645-3610.

Summer Institute for Educators at Reinstein Woods

The New York State Department of Environmental Conservation (DEC), in partnership with Friends of Reinstein Woods, is accepting registrations for a Summer Teacher Institute to be held **August 2-3** at Reinstein Woods Environmental Education Center in Depew, NY. The institute is designed for educators of students in pre-kindergarten to grade 12, and will run from 9 a.m. to 3:30 p.m. each day. **Registration is due by July 19.** To register, call Reinstein Woods at [\(716\) 683-5959](tel:7166835959). Space is limited, so early registration is recommended.

While attending the institute, teachers will learn effective techniques to enhance instruction in English Language Arts, math, science, and other subjects. Hands-on activities that align with Common Core and New York State learning standards will cover topics such as climate change, invasive species, local plant and animal identification, and project- and place-based learning. The training includes two Project Learning Tree curriculums that explore ideas for forest-related learning opportunities, Focus on Forests, and Environmental Experiences for Early Childhood. Extensive information on environmental education resources available to Western New York teachers will be included in the program. The two-day program provides 12 hours of instruction for which in-service or continuing education credit may be available. Participants will receive written materials to enable them to transfer their new knowledge directly to their school and their classrooms. A materials fee of \$40 includes lunch on the second day.

2017 Fish Stocking Program

Erie County Soil and Water Conservation District is taking orders for bass and minnows to assist landowners with managing fish in their ponds. Orders due by **July 10, 2017** with pick up July 15, 2017 at 10:00 am. [Order Form](#)

Invasive Species Conference

“Invasive Species in New York: Where We Are and What Can We Do” is a one-day conference on **Thursday, July 13**, 8:30 AM to 4:30 PM at Key Auditorium, Roger Bacon Hall, Siena College, Loudonville, NY. New York is a hotspot for invasive species. At risk are ecosystem services, human health, food security, and New York’s abundant natural areas. The third annual New York State Integrated Pest Management conference brings together a wide range of speakers to address the scope of the problem. How many invasive species are already here? What’s the risk of new invasions? What can we do about it? Join us to learn, discuss, and plan. Invasive Species Awareness Week is July 9-15, 2017. Cost for the workshop is \$35 (includes lunch and coffee). To register, [Click here](#).

Webinar on Endangered Species Act

The Endangered Species Act (ESA) is one of the most effective science-based laws in the United States: nearly 99 percent of all species protected still exist today. But, the ESA is often a target of political attacks and special interest influence.

Join the Union of Concerned Scientists for a webinar to better understand the ESA, the attacks on the law, and the opportunities for you to engage. We need citizens and scientists to protect the ESA from attempts to defund, gut, or restrict the law. The Webinar “Endangered Species Act: Attacks and Opportunities” will be on **July 13** from 1-2pm. [Register Today](#)

Proposed Final Solid Waste Regulations Open for Public Comment

The New York State Department of Environmental Conservation (DEC) is proposing amended revisions to the state’s Solid Waste Management Regulations, commonly referred to as Part 360. The revisions include changes made in response to previous comments received during the prior public comment period, in particular: **Prohibit the Disposal of Fluids from Oil and Gas Production** (proposed revisions strengthen current prohibitions on the disposal of flowback water and production brine from oil and gas production), **Improve Construction & Demolition Debris and Fill Material Management, Improve Management of Compost and Mulch** (a new section has been added to govern facilities that produce and store mulch). Oral and written comments on the proposed rulemaking will be accepted at a public hearing on Thursday, July 13 at 1:00 p.m. at DEC’s headquarters at 625 Broadway, Albany, NY. Comments may also be emailed to SolidWasteRegulations@dec.ny.gov until 5:00 pm on **July 21, 2017**. The text of the proposed revisions and associated rulemaking documents is available at <http://www.dec.ny.gov/regulations/propregulations.html>.

Kayaking with Tina

Join ACA certified kayak instructors for a beginner's class on *Smartstart Paddling Orientation* for your kayak. A kayak, paddle and life jacket will be provided for the class. (Let us know if you are using your own.) Sorry no pets allowed! Weather permitting. Beaver Island State Park classes are on Thursdays from 6:30-8:30pm from July 6 through September 7 or Saturdays at 11am, 1pm or 3pm on July 1, August 5, August 26 and September 2. Wilson Tuscarora State Park classes are 11am, 1pm and 3pm on July 8, July 23 and August 20. **Space is limited, sign up early. For information and registration call (716) 282-5154.**

Docent Training for Botanical Gardens

If you want to learn more about plants and teach others, consider the docent training program for the Buffalo & Erie County Botanical Gardens. The six-week course begins **August 5** with class from 9am to 2pm each Saturday. Cost is \$255. Teach the Wonderful World of Plants. For info, contact Kristy Schmitt - kschmitt@buffalogardens.com 827.1584 ext. 291 or visit <https://buffalogardens.com/collections/adults/products/docent-training>.

Erie County Household Hazardous Waste Dropoff

The final Erie County Household Hazardous Waste Dropoff for 2017 will be held on **Saturday, August 5** from 9am to 2pm at ECC North Campus (Wehrle Drive entrance) For more information: call 858-6800 or visit www.erie.gov/recycling. No latex paint, computers, tires, pharmaceuticals or alkaline batteries. Due to high demand, allow at least one hour of waiting for unloading of your materials.

Beaver Meadow's Wild Summer

Beaver Meadow Audubon Center will be hosting "Wild Summer" from 11am to 4pm on **Sunday, August 5**. Explore Beaver Meadow through playing in nature - just like you did way back when. Visit our pop-up Nature Play area, craft a crown made with natural materials, and build a fairy house! Everyone will enjoy paddling our pond, playing in the mud, and catching insects in the meadow. We'll also have live birds of prey demonstrations! Cost is \$8/person or \$30 for family of 4, ages 2 and under free. For more info, www.buffaloudubon.org

Invasive Forest Pests: What's Here, What's on the Horizon and How Can We Prepare

A free two-day workshop on "Invasive Forest Pests: What's Here, What's on the Horizon and How can We Prepare" will be offered on **August 15** (1 to 4pm) and **August 16**. The classroom session on August 15th will be held in the NOCO Pavilion, 450 Ensminger Road, Tonawanda, NY 14223. Come join with the New York Department of Agriculture and Markets and CCE Erie to learn how to identify invasive forest pest threats, their biology and how this affects monitoring protocols and how state invasive species regulation apply to disposal and management options. The second day of the workshop will provide an opportunity to survey for forest pests in likely entrance corridors around Erie County. This will be a valuable training for those interested in preserving our forested lands into the future. To register, [CLICK HERE](#) or contact Sharon Bachman at 716-652-5400 x 150 or sin2@cornell.edu. For persons with disabilities requesting accommodations, please contact Sharon three business days prior to workshop.

Tesla Fest: Call for Participation

The Buffalo-Niagara Tesla Festival, taking place this **September 22-24**, has an [updated website](#) and open Call for Participation. Whether you simply wish to learn more about Nikola Tesla, become a sponsor, volunteer at the Victorian-inspired "Power Banquet", show your art, plan the steampunk after-party, or participate in the science fair, we are reaching out to those in the community to share ideas and submit their area of interest. This is a preliminary step, to help us organizers gather information and gauge interest. Please share [our website](#) and our [Facebook page](#) with colleagues, friends and family who may want to attend or participate. We're expecting attendance from the region, state, and possibly abroad (Tesla was born in what is now Croatia!) and there will be many access points for the event: science/innovation, the arts, culture, placemaking and sustainability. Thanks for your patience as we get this brand new event off the ground.

Paws in the Park

Paws in the Park is a scenic 2-mile walk fundraiser for the SPCA held at Beaver Island State Park. The event is taking place on **September 23** and will feature dozens of pet-related vendors, demonstrations, and contests! Individuals and teams can register at [PawsinthePark2017!](#) Come out with your friends for a good cause and a fun fall walk.

Building Buffalo Niagara: An Innovation Celebration

Partners for a Livable WNY will host a celebration to recognize some of the developments, people, organizations, and municipalities that have made innovative contributions to the resurgence of Western New York communities, consistent with the principles of Smart Growth and New Urbanism. Called Building Buffalo Niagara: An Innovation Celebration, the event will be held on **Thursday, September 28**, 6:00 PM, at the Hotel @ The Lafayette in Downtown Buffalo. Presale tickets are \$55 (\$60 at the door). Purchase tickets at [awards](#)

Niagara County Household Hazardous Waste Collection

The Niagara County Department of Public Works will host two collection events; **September 23rd** at Lockport Town Hall (*registration opens August 21st*) and **October 21st** at North Tonawanda DPW (*registration opens September 25th*). We are excited to announce our "Voucher" program to all Niagara County residents. This limited program allows Niagara County residents to bring up to 50-lbs of acceptable wastes to Hazman for NO FEE, at their convenience, by registering and downloading a voucher! Please [follow this link to learn more!](#)

Birders Conference in Western New York

The New York State Birders Conference and New York State Ornithological Association will have their annual meeting in Niagara Falls from **November 10-12**. The meeting is timed to coincide with excellent Niagara birding with our gulls and other shorebirds. A number of speakers and field trips are planned for the event. For details, visit <http://www.buffaloornithologicalsociety.org/nysoa/>

Nature Expedition with Earth Spirit

Earth Spirit Educational Services is offering their Winter Yellowstone trip from **December 9-17, 2017**. The trip includes 8 nights lodging at Lamar Valley Cabins, 2 meals (brunch, dinner) per day, transportation, cozy fires, folk guitar songs, daily wolf and wildlife watching, meetings and adventures with Nat Geo Photographer Dan Hartman, snowshoe hikes, and more! Cost is \$2500 with a \$500 deposit due at the time of reservation (refundable until Oct. 1). For info, visit <http://www.earthspiritedu.org/excursions/index.html>

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

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

Tours of the Guaranty Building

Come visit one of Buffalo's must-see treasures: The Guaranty Building! Originally built in 1896, this Adler & Sullivan designed structure is a highlight of Buffalo's downtown architecture. Come see the beautiful terra cotta tiles on the exterior, the incredible mosaic work on the interior, and learn the history of this building, including what makes it a great preservation story. Preservation Buffalo Niagara is the exclusive provider of tours of the Guaranty Building. Tours will be offered on Fridays at 2 pm and Saturdays at 11 am and pre-registration is required! Call [\(716\) 852-3300](tel:7168523300) with any questions. [Registration details here.](#)

Explore Buffalo Tours: See Your City in a Different Light

With over 70 different tours available by foot, bike, bus, and kayak, our volunteer docents will show you Buffalo's architecture, history, and neighborhoods. Join us on a tour today! <https://explorebuffalo.org/>

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](#).

Climate Change Info-EPA Web Info Available at Chicago Website

The Environmental Protection Agency (EPA) website is no longer a resource for info on climate change. Previously, it was one of the foremost web resources for information related to the science of climate change. Thanks to the City of Chicago, we can still have access to this information as they have saved and posted the information formerly available at the federal website. You can view the resources (might want to save useful ones) at <https://www.cityofchicago.org/city/en/sites/climatechange/home.html>.

“Make our Planet Great Again”

Recently elected French president Emmanuel Macron has invited U.S. climate scientists to come to France to work on their research. The French government has launched a program that gives four-year grants to scientists, teachers, business people, and even students who are working on climate change solutions. The program, called [Make Our Planet Great Again](#), was inspired by President Donald Trump's decision to withdraw United States support for the Paris Climate Agreement. “Where ever we live, whoever we are, we all share the same responsibility,” Macron said. “To all scientists, engineers, entrepreneurs, and responsible citizens who were disappointed by the decision of the President of the United States, I want to say that they will find in France a second homeland,” Macron said.

NY-Sun Solar Guidebook and Technical Assistance for Local Governments

NYSERDA recently developed and launched the [NY-Sun Solar Guidebook for Local Governments](#). The Guidebook includes updates to the NYS Unified Solar Permit and guidance on the New York State fire code, along with other practical information to aid local officials. Does your town need an expert's opinion on a solar question? Local governments can access free training and technical assistance from NYSERDA's NY-Sun Photovoltaic Trainers Network (PVTN). The PVTN can help with all types of questions relating to New York State's solar electric market. The PVTN has expertise on topics including solar photovoltaic engineering, code and inspection, solar policy and regulatory development, and stakeholder engagement. The PVTN offers in-person [trainings](#) for municipal officials statewide and a set of [online resources](#) about solar energy.

Williamsville: Clean Energy Community

Williamsville has been officially named a Clean Energy Community. The village has been recognized for its efforts to reduce energy use, cut costs and promote renewable energy. The village completed four of 10 high-impact clean energy actions identified by the New York State Energy Research and Development Authority as part of the initiative. To earn the designation, the village compiled utility usage data from municipal buildings, trained village officials in the state's energy code and adopted the state's unified solar permit to make residential solar panel installation easier. An electric vehicle was also purchased for the Village Code Enforcement officials' use. The village is now eligible to apply for up to \$50,000 toward additional clean energy projects.

Project Sunroof

Are you curious about how much solar could be generated by your roof? Now you can use Google Earth imagery to analyze your roof shape and local weather patterns to create a personalized solar plan. Check it out at <https://www.google.com/get/sunroof#p=0>.

Reuse Action Needs your Reusable Materials

Have used furniture, cabinetry or building supplies? Don't send them to the landfill, donate them to Reuse Action. Check out our website at www.reuseaction.com, call our store at 716-894-3366, or stop by 980 Northampton Street for a visit any Tuesday, Friday or Saturday from 9am-4pm. Profits from sales put people to work!

DEC Announces Launch of I Bird NY

New York State Department of Environmental Conservation (DEC) announced the launch of I BIRD NY, an initiative to build on increasing access to the state's vast natural resources and promote low-cost opportunities to explore the great outdoors and connect with nature. As part of I BIRD NY, the state launched a website portal, [I Bird NY](#), with information on where and how to bird watch, including upcoming bird walks and additional resources including kids' materials.

NY Expands Emerald Ash Borer Quarantine Area

New York State Department of Environmental Conservation (DEC) and Department of Agriculture and Markets (DAM) announced that eight existing Emerald Ash Borer (EAB) Restricted Zones have been expanded and merged into a single Restricted Zone in order to strengthen the State's efforts to slow the spread of this invasive pest. The new EAB Restricted Zone includes all Western New York counties. The EAB Restricted Zone prohibits the movement of EAB and potentially infested ash wood. The [map is available](#) on DEC's website. Emerald Ash Borer (*Agrilus planipennis*) or "EAB" is a serious invasive tree pest in the United States, killing hundreds of millions of ash trees in forests, yards, and neighborhoods. Wood chips may not leave the Restricted Zone between April 15th and May 15th of each year when EAB is likely to emerge. For more info about EAB or the emergency orders, please visit DEC's website. If you see signs of EAB attack on ash trees outside of the Restrictive Zone, please report these occurrences to the DEC's Forest Health Information Line toll-free at [1-866-640-0652](tel:1-866-640-0652).

Solar "Paint": New Way to Generate Hydrogen

Researchers have developed a hydrogen producing paint that can be used on any surface. The paint is a combination of the common lubricant molybdenum sulfide and nanoparticles of titanium dioxide. The material absorbs both solar energy and moisture from the air. It can then further split the water into hydrogen and oxygen allowing for it to be used as a fuel allowing any surface to be energy harvesting. Researchers hope that the paint may be commercially available in five years. Check out the video at https://www.youtube.com/watch?time_continue=1&v=Ci6LKz0ajfI

Wind and Solar Simulations for Global Availability

Renewables.ninja allows you to run simulations of the hourly power output from wind and solar power plants located anywhere in the world. This tool will help make scientific-quality weather and energy data available to a wider community. Check it out at <https://www.renewables.ninja>

Tool for Sourcing Local Meat

A new website is available to help consumers locate local farmers who produce meats. You will be able to connect with local producers to choose the growing practices that suit your lifestyle and help support the regional economy. Visit the tool at <http://meatsuite.com/>

Funding for Youth to Make a Difference

YSA and Disney are teaming up this summer to inspire kids and families to make a positive impact in their communities through the [Disney Be Inspired Summer of Service campaign](#). We're calling on children and teens everywhere to use fun summer activities - like sports, arts, reading, or being outdoors - to make their communities healthier, greener, and stronger. Kids (ages 5-18) who volunteer - with their friends or family, or on their own - can apply for a \$500 Disney Be Inspired Summer of Service grant to create a project or continue and expand their impact throughout the rest of the year.

Play the Climate Challenge Game

National Oceanic and Atmospheric Administration (NOAA), EcoResearch.net and the DecareboNet research project have partnered on a "game" called [Climate Challenge](#) that gets everyday people to pit their predictions about climate change and its effects against the opinions of experts around the world in an effort to see if the "wisdom of the crowd" can come up with answers faster than the experts alone. Players are encouraged to research answers to questions about things like annual Arctic Sea Ice minimum coverage or the monthly average global surface temperature before submitting their answers. According to Climate Challenge creators, it's not cheating to research to find the best answers; indeed, it's the goal. Players can come back every month for new questions, and see how they are doing compared to experts, friends, and even the collective "crowd"—and can win prizes by guessing closest to the actual value for a given question each month.

Engage the Chain: Investor Guide for Agricultural Supply Chain Risk

Agricultural commodity issues represent fundamental constraints on supply chain security and consumer acceptability in the context of growing demand. Engage the Chain overviews the environmental and social risks and impacts of eight commonly sourced agricultural commodities: beef, corn, dairy, fiber-based packaging, palm oil, soybeans, sugarcane and wheat. These commonly sourced commodities are among the most prominent drivers of deforestation, greenhouse gas emissions and water depletion and pollution. The interactive guide also clarifies actions investor and companies should take to reduce agricultural supply chain exposure. For info, visit <https://engagethechain.org/>

Watch the Know Your Food Series

Know Your Food is a short film series that introduces consumers to key terms and principles that can help them make more informed decisions about the food they eat. [Click here to watch the Know Your Food videos.](#)

Cook with your Food Scraps

A new TV show on the Food Channel, produced by Katie Couric, called SCRAPs is based on a professional chef taking food scraps and reworking them into new meals. The episodes include a lot of relevant, factual information about food waste. The 10 half-hour episodes will follow Sur la Table chef Joel Gamoran to a new city where he partners with food waste champions to celebrate the local cuisine and create a delicious meal with food items many consider to be waste, like banana peels, shrimp shells, chicken bones and carrot stems. The pressure will be on as Joel will have less than a day to source ingredients, build a full menu and create a meal for an outdoor dinner party. From roadside foraging, to chocolate roasting, to oyster hunting – viewers will follow Joel on a one-of-a-kind food sourcing adventure in his refurbished 1963 Volkswagen bus, which doubles as his mobile kitchen. You can view episodes at the Show's website (including clips and full episodes): <http://www.fyi.tv/shows/scraps>.

Greening Park Infrastructure

EPA has produced a guide titled, [Green Infrastructure in Parks: A Guide to Collaboration, Funding, and Community Engagement](#), to encourage partnerships between park agencies and stormwater agencies to promote the use of green infrastructure on park lands. Green infrastructure can help to maximize the environmental, economic, and social benefits of parks. By building strong partnerships, agencies can improve park lands and access to parks, better manage stormwater, increase community resiliency to shifting weather patterns, and provide funding to implement and maintain park enhancements that benefit the community. Case studies are included to illustrate the approaches presented in the guide. These real-life examples portray how partnerships between municipal stormwater agencies and parks departments have improved recreational resources in the community, enhanced environmental protection, and reduced risks and burdens.

Food not Bombs

Buffalo Food Not Bombs prepares shares a free vegan meal with anyone who is hungry at Lafayette Square on Mondays and Saturdays from 1 to 2 p.m. Volunteers are ALWAYS welcome! Food Not Bombs shares food as a form of political protest, drawing attention to the fact that society fails to provide food and housing for all people, while hundreds of billions of dollars are given to fund wars and state violence. For info, [foodnotbombs](#)

Hemlock Woolly Adelgid Educational Video

The New York State Hemlock Initiative is sharing an educational video to inform the public about their efforts to conserve New York State's hemlock resources in the face of multiple threats, particularly that posed by an invasive pest, the Hemlock Woolly Adelgid. Mortality due to Hemlock Woolly Adelgid (HWA) in New York has increased at an alarming rate recently. For info, visit [here](#). View video at <https://www.youtube.com/watch?v=AupnMjYaIQ0>.

Boater Cooperation Needed to Help Protect Bald Eagles and Habitat at Strawberry Island

As boating season approaches, New York State Department of Environmental Conservation (DEC) reminds boaters to observe the signage, buoys, and various motorized boating restrictions in place around Strawberry Island in the Niagara River. The restrictions are part of an ongoing, multi-agency effort to protect critical Bald Eagle nesting habitat and to preserve recently installed habitat improvement projects at the island. Avoiding human disturbance at Bald Eagle nests is critically important to protecting the species and ensuring the success of nesting sites. Disturbance through noise or human proximity to nest sites can cause Bald Eagle nest site failure or even abandonment of nesting territory. In addition, high wakes, propellers and anchors from motorized boats can cause damage to wetland habitat planting projects and sensitive ecosystem areas. Anyone can report observed illegal activity in the Strawberry Island area to DEC's 24 hour tip hotline at 1-844-DEC-ECOS ([1-844-332-3267](tel:1-844-332-3267)).

Map Hikes for Orienteering

Each spring, the Buffalo Orienteering Club sets up a course of 25 controls at several Erie County Parks for the avid orienteer or the casual hiker to experience at their leisure. In early 2017, MAP HIKES will be created at Chestnut Ridge Park, Emery Park, Hunters Creek Park, Sardinia County Forest, and Sprague Brook Park. New this year, is a 15 control course at Knox Farm State Park in East Aurora. They will be up until February 28, 2018. All 2017 Map Hikes are now available for purchase. Packets can be purchased at \$7.00 for each park and include a five color map with marked control locations, a control card, instructions and a plastic map case. They are available at a number of locations, visit <http://buffalo-orienteeing.org/map-hikes/> for sites.

Household Cleaning Product Disclosure

Governor Andrew M. Cuomo announced the launch of a new initiative to require all manufacturers of household cleaning products sold in New York to disclose chemical ingredients on their websites. New York is the first state in the nation to require manufacturers to disclose ingredients in household cleaning products, which may contain chemicals with negative health impacts for humans and the environment. For more information, please visit the [DEC's website](#).

Tiny Biodegradable Spheres Could Replace Plastic Microbeads

Researchers from the University of Bath in England have developed biodegradable, plant-based microbeads that could replace the plastic version in a variety of consumer products. Plastic microbeads have been linked to environmental problems because they do not break down and are not removed by sewage treatment filtration systems. The beads can be ingested by aquatic organisms and make their way up the food chain. Currently, microbeads are found in a number of toiletry items, abrasives and paints.

The new microbead substitutes, described in a report in the journal *ACS Sustainable Chemistry and Engineering*, are made from a plant-based fiber called cellulose. Waste from agriculture or the paper industry could be a source of abundant cellulose to make microbeads, the researchers propose. In their method, which is cheap, energy efficient, and easily scalable, researchers dissolved cellulose and forced the solution through a glass membrane dotted with tiny, 10-micrometer holes. On the other side of the membrane was a tube of vegetable oil flowing perpendicular to the membrane. This caused drops of cellulose solution to shear off the membrane and travel suspended in the oil. The researchers then poured the oil-and-cellulose mixture into a container of ethanol, which coagulated the cellulose droplets into hard beads. Finally, they soaked the beads in a chemical called glyoxal to create ‘cross-links’ between the cellulose molecules, making the beads stronger and smoother. View the details at the article at [“Continuous production of cellulose microbeads via membrane emulsification.”](#)

Longer-lasting Tires

Michelin has used 3D printing technology to create an airless tire modeled on alveolar structures found in human lungs. The tire design has a solid interior while the outer layers are more flexible, which prevents blowouts and flat tires and is printed from recyclable, biodegradable materials reducing landfill waste. Michelin hopes to incorporate a synthetic rubber that is derived from wood chips or straw. Although Michelin has not discussed when these tires will be available for purchase, the company believes that the concept may soon become a reality. Read more [here](#)

2017-18 NYS Budget Brings Good News for Environmental Programs

The 2017-18 New York State Budget for the Environmental Protection Fund is projected at \$300 million, the same level as last year. To ensure that all New Yorkers have access to clean, safe drinking water and to help localities undertake costly water infrastructure projects, the Legislature enacted the Governor’s proposed Clean Water Infrastructure Act of 2017, allocating an additional \$500 million for a total investment of \$2.5 billion. The budget establishes funding streams to help local governments replace lead drinking water lines, fund water quality, wastewater and sewer system improvements, acquire land for source water protection, as well as mitigate and remediate contaminated drinking water. The Budget also enhances New York’s Local Waterfront Revitalization Program by increasing state EPF matching funds from 50 to 75 percent for all projects and 85 percent for projects in Environmental Justice communities. The Local Waterfront Revitalization program helps communities re-imagine waterfront spaces to attract new economic development opportunities and increase tourism.

Finally, the budget includes significant new capital investments to rehabilitate and upgrade our parks, campgrounds, historic sites and open spaces. It allocates \$120 million in capital funds for the New York Parks 2020 Initiative to enhance and repair state parks and includes \$70 million for the Department of Environmental Conservation to launch the Adventure NY program to rehabilitate campgrounds and other DEC recreational facilities. This funding will also enable DEC to continue to address critical infrastructure needs, including dam safety and flood control.

Cornell Small Farms Program Offers Online Courses

Cornell Small Farms Program offers over twenty courses to help farmers improve their technical and business skills. Students connect with other farmers, work on farm plans, and gain practical tips without leaving their home. Each week features an evening webinar and follow-up readings, videos, and activities. Students and their instructors connect through online forums and live chat. If you aren’t able to attend the webinars in real-time, they are always recorded for later viewing. Check the listings at <http://www.nebeginningfarmers.org/online-courses/>

New Federal Toolkit Provides Guidance for Citizen Science Programs

The recent Open Science and Innovation Forum at the White House launched the release of the Federal Crowdsourcing and Citizen Science Toolkit. The Toolkit provides guidance for federal agencies to design, carry out, and manage citizen science projects. [Learn more about the new toolkit.](#)

Environmental Working Groups Guide to Healthy Cleaning

Environmental Working Group's Guide to Healthy Cleaning now provides detailed information on more than 2,500 products, letting you easily find out about the health hazards and ecological concerns associated with the thousands of chemicals in cleaners. Check it out at [EWG's Guide to Healthy Cleaning](#). You can also download their app.

Enjoy a Screencation

Yes, you should unplug for a true vacation. But if you can't get away and want a brief diversion-visit your national marine sanctuaries online. Thanks to the wonders of 360-degree photography and virtual reality, these underwater treasures now are as close as the tips of your fingers. NOAA's Office of National Marine Sanctuaries has launched a [virtual dive gallery](#),

Bird App Available

Audubon has released an updated version of the [Audubon Bird Guide app](#) free to bird lovers nationwide. With 821 species profiles and 3200-plus world-renowned bird photos, Audubon's award-winning app instantly turns any mobile device into the most trusted field guide in North America. To download the Audubon Bird Guide, go to: www.audubon.org/apps. The free app also provides a great new way to engage more people in becoming active participants in conservation action.

Current NY Environmental Bills List

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

Little Free Library Design Competition Open

The Little Free Libraries movement places small-scale book shelters in neighborhoods and is based on the premise of "take a book, leave a book." Established in 2009, there are now over 36,000 Little Free Libraries in communities worldwide. Initially crafted to resemble miniature one-room schoolhouses mounted on a pole, each library is a unique structure, designed and constructed in a wide range of styles, often utilizing recycled, reclaimed, or salvaged materials. In the coming months, architects, designers, artists, students interested in creating a library as part of this project will be invited to submit their qualifications and describe their interest in the project in response to an RFQ. This is an Open, Two-stage, Design Competition to design, construct, and install a contemporary book shelter in underprivileged neighborhoods in Buffalo, NY. A jury will select teams to design and fabricate a library, hosted on the property or in the domain of a partnering community organization. Selected design teams will be matched with partner organizations by Buffalo Architecture Foundation. Submissions are due by **September 1**. For details, visit <http://buffaloarchitecture.org/little-free-library/>.

Climate Change Education Partnership Offers Webinar Series for Teachers

A series of four webinars will complement the newly released *Climate Change Education: Effective Practices for Working with Educators, Scientists, Decision Makers, and the Public* [guide](#). Produced by the CCEP Alliance, this guide provides recommendations for effective education and communication practices when working with different types of audiences. Please use this [link](#) to see the archived webinars in this series

Case Studies in Science Fall Conference

The aim of our 18th annual fall conference is to bring together people who are interested in teaching science using case studies. The conference will be held **September 15-16** at the Buffalo Marriott Niagara. Our conference features a key note address by Briana Pobiner, Paleoanthropologist and Educator, Smithsonian National Museum of Natural History, and Associate Research Professor, Department of Anthropology, George Washington University, Washington, DC, who will present on the “Effectiveness of Using Human Case Studies to Teach Evolution.” In addition, the conference offers a full program of workshop sessions on a variety of topics for both the beginner and the more experienced case teacher as well as a poster session. It is your choice which sessions you attend (mix and match). Poster proposals can be submitted until **September 1**. Registration is \$650—details at [register/](#). Three scholarships are available which cover registration and a \$300 travel stipend—eligibility (one scholarship in each category) 1. Post-Doctoral Fellow/Graduate Student, 2. K-12 Teacher, 3. College Faculty Member at a school tied to the following documented official designations (these are federally-designated): Hispanic-Serving Institution (HSI), Historically Black College/University (HBCU), Tribal College/University (TCU), or Minority Postsecondary Institution (MPI).

Teacher-Friendly Guide to Climate Change

The new [Teacher-Friendly Guide to Climate Change](#) is now available for free download and is co-authored by Don Duggan-Haas, WNY resident and Director of Teacher Programming, Paleontological Research Institute. *The Teacher-Friendly Guide to Climate Change* addresses both the science of climate change and psychological, social, and political issues that add to the challenges of teaching and learning the science. The primary audiences for the book are high school and middle school science teachers, professional development providers and curriculum developers, but we think anyone interested in climate change and how to teach or talk about it will find it interesting and worthwhile.

Teacher’s Resources

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

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

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

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

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

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

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

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

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

In Case You Missed It: Our free webinar series covers topics like bird-friendly gardens and bird communication. Busy schedule? Check out our [webinar archive](#) to watch them anytime.

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

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

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

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

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

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

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

[Changing Circumstances: Looking at the Future of the Planet from Literacy through Photography](#) is a free curriculum for grades 5-8 that focuses on issues of global sustainability and humanity's changing relationship to the world around us, as well as the economic, social, and personal impacts of those changes. Image Galleries include Climate Change, Globalization of Natural Resources, and New Technology.

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

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

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

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

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

[Living Schoolyard Month DIY Lake Science App](#)-Investigate freshwater ecosystems where you live with this new DIY Lake Science App from UC Berkeley's Lawrence Hall of Science, funded by the National Science Foundation.

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

[Dr. Seuss's The Lorax activity book](#) is one of EPA's most highly sought after publications and is available for free to schools and classrooms around the country.

[Energy Research and Education Mapping Tool](#) is a free online mapping tool that allows users to map existing and potential energy resources in the 39 states in the eastern United States. Users can run site-suitability analyses for biomass, solar, water, wind, natural gas, geothermal, and nuclear power development, map existing energy resources and environmental characteristics that impact energy development, create a custom map of their region using an extensive database of mapping layers, and search over 2,000 related policies and incentives.

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

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

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

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

[PlanetExplore](#)-Find outdoor activities and events in your area through this portal to the outdoors designed to inspire and enable people of all ages to become regularly active outside, and to gain a connection to nature.

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

[Green Technology: Sustaining the Earth](#) is designed for Grades 6-12 . Use this interactive activity to offer your students an overview of innovation in green technology and insight into various areas of research within the field.

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

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

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

[Birds Without Borders](#) involves kids in investigations using eBird and other datasets and culminates in their devising conservation initiatives based on themes in Partners in Flight's *Saving Our Shared Birds* report. Includes two free downloadable lessons, one on the ecological role of birds and the other on conservation planning.

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

Contests and Awards

[Design Competition](#)—Calling all architecture students—[AECOM](#) just launched a new student competition seeking ideas for improving connections between cities and their surrounding regions. The competition asks students from around the world to propose new solutions to tackle housing, transportation, or economic development challenges and to reimagine what a future “hour city” boundary can be. Students must form a multidisciplinary team of two to five members to enter, and include students from two disciplines at a minimum. A total of US\$15,000 in prize money will be distributed among the finalist teams, and the winning team will receive up to US\$25,000 of in-kind support from AECOM to implement a pilot of their proposal. Deadline: **July 17, 2017**.

[Tiny House Competition](#)—Not everyone aspires to live in a big house — some want to do quite the opposite. With soaring real estate costs and growing debt, many people are opting to downsize into [micro houses](#) as a more affordable option. The [Future House Organization](#) launched a new competition to tap into this trend. Open to architecture students and professionals, the competition seeks compelling ideas for the design of a micro house between 100 and 500 square feet. Winning participants will receive prizes totaling \$1500 (USD). Deadline: **August 15, 2017**.

[Little Free Library Design Competition](#) -This is an Open, Two-stage, Design Competition to design, construct, and install a contemporary book shelter in underprivileged neighborhoods in Buffalo, NY. A jury will select teams to design and fabricate a library, hosted on the property or in the domain of a partnering community organization. Selected design teams will be matched with partner organizations by Buffalo Architecture Foundation. Submissions are due by **September 1**.

[“Draw a Line in the Sand & Stand for Plastic-Free Waters](#)- 2017 New York State College and University Student Art Contest 1st place \$500! 2nd place \$300! Entries will be displayed at a gala event in the fall of 2017 to an audience of waste reduction professionals. Webinar in June. Submissions due by **Sept. 30**.

[Wildland Fire Sensors Challenge](#)- This challenge seeks a field-ready prototype system capable of measuring constituents of smoke, including particulates, carbon monoxide, ozone, and carbon dioxide, over the wide range of levels expected during wildland fires. The prototype system should be accurate, light-weight, easy to operate, and capable of wireless data transmission, so that first responders and nearby communities have access to timely information about local air quality conditions during wildland fire events. Deadline: **November 22**.

[INNOVATION 2030](#) is the title and theme of the 2017-2018 COTE Top Ten for Students design competition, presented by AIA COTE and ASCA, in special collaboration with Architecture 2030 and Design Intelligence. Students are invited to submit design projects that meaningfully address the causes of climate change and anticipate its future impacts, well into the second half of this century. Deadline: **Early 2018**.

Grant and Scholarship Opportunities

[Therapeutic Garden Grants](#)—Schools, nonprofits, hospitals, retirement centers, rehabilitation facilities, veteran’s facilities, community centers, day camps, treatment facilities, and inter-generational groups throughout the United States and Canada are eligible. What projects are eligible? Therapeutic gardening efforts In Northern America. Deadline: **July 1**.

[FWS North American Wetlands Conservation Act 2018 U.S. Standard Grants](#) supports public-private partnerships carrying out projects in the United States that further the goals of the North American Wetlands Conservation Act. These projects must involve only long-term protection, restoration, enhancement and/or establishment of wetlands and associated uplands habitats for the benefit of all wetlands-associated migratory birds. A one-to-one match from applicants is required. Deadline: **July 14**.

[Water Quality Improvement Program](#) funds for projects that improve water quality, protect drinking water sources, reduce polluted runoff and restore habitat in New York's waterbodies. Deadline: **July 28**.

[Regional Economic Development Council Consolidated Funding](#) offers competition for more than \$800 million in state economic development resources. The online Consolidated Funding Application (CFA) is open to applicants across the five-county Western New York region, which includes Allegany, Cattaraugus, Chautauqua, Erie and Niagara. Deadline: **Friday, July 28**.

[2017 Climate Smart Communities Grant Program](#)- competitive 50/50 matching grant program for municipalities to conduct climate change adaptation or mitigation implementation projects, or to undertake eligible actions as part of a strategy to achieve Climate Smart Communities Certification. Up to \$9.5 million is available to award grants between \$10,000 and \$2,000,000 for implementation projects related to flood risk reduction, extreme event preparation, reduction of vehicle miles travelled (VMT), reduction of food waste, reduction of landfill methane leakage, and reduction of hydrofluorocarbons emissions from refrigeration and other air conditioning equipment. Any county (or NYC borough), city, town, or village of the State of New York is eligible to apply. Deadline: **July 28**.

[Fish & Wildlife 2017 Recovery Implementation Grants](#)—Nonprofits, States, other Federal agencies, landowners, educators, researchers, and other partners. Projects which secure information about endangered, threatened or candidate species, in order to aid in the recovery of these species, to avert listing of species pursuant to the Endangered Species Act, and to help conserve the ecosystems upon which these species depend. Deadline: **July 31, 2017**.

[Brevard Zoo Conservation Fund](#)— Nonprofits, graduate students, postdocs, faculty, working professionals, and unaffiliated researchers based anywhere in the world. Research projects advancing wildlife conservation. Deadline: **August 1, 2017**.

[Stanley Smith Horticultural Trust](#)— Nonprofits in the Caribbean, Central America, North America, South America, and Australia for programs that meet its funding interests in ornamental horticulture and its eligibility requirements. Deadline: **August 15**.

[FWS Tribal Wildlife Grants Program](#)—funding to provide assistance to tribal governments in programs that benefit wildlife and habitat of tribal cultural or traditional importance, including species that are not hunted or fished. Activities may include, but are not limited to, planning for wildlife and habitat conservation, fish and wildlife conservation and management actions, fish and wildlife related laboratory and field research, natural history studies, habitat mapping, field surveys and population monitoring, habitat preservation, conservation easements, and public education that is relevant to the project. The funds may be used for salaries, equipment, consultant services, subcontracts, acquisitions and travel. Deadline: **September 1**.

[Reforming the Energy Vision \(REV\) initiative](#) will provide New York State consumers and communities with new opportunities to participate in their energy future by enabling the deployment of distributed energy resources (DER), such as community solar projects. Funds awarded under this RFP can be used by community-based organizations to procure technical assistance to address key planning and development issues such as identifying successful models of community engagement, site selection, identifying ownership and finance structures, customer enrollment, and mechanics for the allocation of benefits. To ensure that the REVitalize funds are used most effectively, NYSERDA will prioritize funding to proposals that are able to demonstrate that initial community energy planning activities have occurred. **An informational webinar for potential proposers will be held on July 12, 2017 at 3:00 – 4:00 p.m. (Eastern Time) during which NYSERDA will review the requirements of this solicitation and answer questions. Proposers who intend to participate can register at: [RFP 3584 REVitalize](#).** Deadline: **September 11**.

[YSA and Disney Summer of Service](#)- 250 youth (ages 5-18) volunteers will be awarded grants of \$500 to begin a project or expand your impact throughout the rest of the year. **Deadline: September 30**.

[FWS Coastal Program](#) - The Fish and Wildlife Service (FWS) announced funding to provide direct technical assistance and financial assistance to coastal communities and landowners to restore and protect fish and wildlife habitat on public and private lands. Projects should specify benefits for species and habitats considering the expected effects of climate change. FWS will favor conservation activities and projects that incorporate ecosystem adaptation and help coastal ecosystems and communities adapt to the effects of sea level rise and greenhouse gases. Deadline: **September 30**.

[GreenWorks! Grant](#)— Any organization, community group, nature center, museum, school, nonprofit, etc. based in the US. that involve youth in environmental and/or conservation education. Deadline: **Sept. 30**.

[Conservation Alliance Grants](#)-The Conservation Alliance seeks to protect threatened wild places throughout North America for their habitat and recreational values. As a group of outdoor industry companies, we recognize our responsibility to help protect the wild lands and waterways on which our customers recreate and wildlife thrives. Deadline: **December 1, 2017**.

[Annie's Homegrown School Garden Grants](#)—Public schools, public charter schools, private schools with 501c3 non-profit status, nonprofits supporting a garden at a public or a non-profit private school, school districts and homeschools with 501c3 or charity status. What projects are eligible? Edible school gardens. Deadline: **December 5**.

[Kids Gardening Youth Garden Grants](#)— Nonprofits, public or private school, and youth programs in the United States for new garden program or expanding an established one that serves at least 15 youth between the ages of 3 and 18. US \$500—US \$750 in in-kind support. Deadline: **December 15**.

[Electronic Waste Assistance Grants](#)-Funding available to NYS municipalities to help offset costs associated with the collection and recycling of e-waste. Municipalities may receive reimbursement of up to 50% of eligible expenses incurred for the recycling of e-waste between April 1, 2017 and December 31, 2017. Deadline: **January 31, 2018**.

[Fiskars Project Orange Thumb](#)—Nonprofits located in the US and Canada. Projects within communities who are working on collaboration, neighborhood beautification, and healthy, sustainable food sources. Deadline: **February 9, 2018**.

[ScottsMiracle-Grow GRO1000 Grant](#)— Nonprofits located in the US. Grassroots Grants are awarded to local communities to help bring pollinator habitats, edible gardens and public green spaces to neighborhoods across the United States. Deadline: **February 20, 2018**.

[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).

[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 30 and October 30**.

[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**.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

[Kresge Foundation's Healthy Environments grant program](#) seeks to improve the health and well-being of vulnerable populations by making the places they live, learn, work and play safe and conducive to overall good health. Applications are currently being accepted for the Healthy Homes Initiatives, Transportation and the Built Environment Initiative and the Healthy Food Initiative. Application deadline: Rolling.

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

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

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

[The Pollination Project](#) seeks to unleash goodness and expand compassion all over the world. We make daily seed grants to inspiring social change-makers who are committed to a world that works for all. We support passionate, committed people with an early-stage social change vision. We fund individuals and community groups, and you do not need to be a registered or established organization to apply.

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

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

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

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

Employment and Internship Opportunities

[National Sustainable Agriculture Coalition \(NSAC\) Field Organizer New York/New England](#)- An alliance of grassroots organizations that advocates for federal policy reform to advance the sustainability of agriculture, food systems, natural resources, and rural communities is seeking a full-time Field Organizer. Location is flexible, but travel is required.

[Summer Education Assistants at the Buffalo Zoo](#)- Eight individuals will be rotating through a variety of locations in the Zoo to assist patrons in the Delta Sonic Heritage Farm animal contact pens, the mock paleontological dig site called “Bone Zone” and the farm-themed playground. Assistants will work approximately 22-30 hrs/wk. Must be available holidays and weekends as required. Excellent customer service skills and some knowledge of animals required.

[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. It works to build power by developing grassroots leaders who run and win campaigns that advance environmental justice and public health in the region. All internships include some operations and administrative work. The Clean Air Coalition’s internships are ideal for highly motivated individuals looking to deepen and practice their skills engaging community leaders in solving environmental health and justice organizations.

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

[Winter Seasonal Naturalist](#)- Jamestown Audubon Center seeks a seasonal naturalist (October through March) who will teach classroom nature programs, work with naturalists to modify classroom teaching points and methods, help with festivals and events, and assist with teaching days at the center when school is not in session. Other tasks may include weekend programs, leading birthday parties and scout groups, website design and upkeep, brochure and poster design, and exhibit planning and design as skills and time allow. **Deadline: September 1.**

Citizen Science

[Caterpillars Count](#)- Seeking community members to help to characterize the spatial and seasonal variation in abundance of caterpillars and other foliage arthropods all across North America in an effort to answer important questions about patterns of food availability for birds. Perfect for youth, groups or adults.

[Hemlock Woolly Adelgid Project](#)-Take closeup pictures of hemlock trees and Fraser firs and send to scientists with GPS location data to monitor tree health and spread of the insect.

The Great Lakes Marsh Monitoring Program- is designed to collect information about the presence and abundance of bird and amphibian species in Great Lakes coastal and inland marshes, to contribute to our understanding of these species and their habitat needs. For information on assisting with local efforts, please contact: David Spiering, Regional Volunteer Coordinator Ecologist at Tift Nature Preserve (716) 896-5200 ext. 202 dspiering@sciencebuff.org.

[Frogwatch](#)-Citizen Science program to monitor amphibians. A local training will take place on Tuesday, March 21 at Reinstein Woods Nature Preserve. Registration required; call 716-683-5959 to sign up.

[Project Budburst](#)- Reinstein Woods is involved in monitoring specific tree and plant species each year to record their phenophases (annual life cycle of plants) throughout the seasons. Recordings needed April to November, days and times flexible. For adults only. Registration required; call 716-683-5959 to sign up. Reinstein Woods Nature Preserve.

[Great Sunflower Project](#)- Record pollinator data to their website throughout the summer. Downloadable pollinator identification cards are available.

Upcoming Community Activities:

Saturday, July 1

Forest Bathing-10am. Enjoy the latest--and oldest--in health trends. This walk will focus on the sights, sounds and smells of the forest to induce relaxation while easing anxiety and stress. Reinstein Woods Nature Preserve, Depew. Registration required; call (716) 683-5959.

Woods Walk: Reading the Signs-1pm. Join a guided nature walk to look for tracks, scat and other animal clues. Reinstein Woods Nature Preserve, Depew. Reinstein Woods Nature Preserve, Depew. No registration required.

Observatory at Beaver Meadow- 7:00pm – 10pm at Beaver Meadow Audubon Center ([map](#)). The Buffalo Astronomical Association will show visitors the illuminated night sky at the Observatory at Beaver Meadow. Open rain or shine. Visitors are invited to bring their own equipment for viewing. Donations gratefully accepted.

Field Trip - Tillman Road WMA-Leader: Seaghan Coleman, Meet at 7:30am in the parking lot at 10343 Tillman Road, Clarence. Join Seaghan for a half day walk through the Tillman WMA. We will focus on seeing the locally rare Upland Sandpiper and Grasshopper Sparrow. These species nest in the grassland portion of the preserve. Other species of interest include Bobolink, American Kestrel and Eastern Meadowlark. We will also take a walk through the wooded portion of the preserve which features wetlands. Bring bug repellent for the mosquitoes!

Walk at Knox Farm State Park-Learn about ground-nesting birds. Meet in main parking lot by red barns. Donations accepted. www.buffaloudubon.org 585-457-3228.

RT 77 Tamarack Swamp Hike with Buffalo Audubon-9 to 11am. Join naturalist Mark Carra for a wet and muddy hike through a unique Tamarack swamp at Beaver Meadow. We'll be searching for plants that only grow in this type of habitat. Be prepared to be knee-deep in mud, beauty and fun. Dress for a wet and wild time. Pre-registration is required. \$5. www.buffaloudubon.org 585-457-3228.

Arboretum Pond Study – 1 to 2:30pm. Join us as we explore the hidden world of the pond at Beaver Meadow! We'll be using nets to collect amphibians, insects, and other creatures that make their home in the ponds at Beaver Meadow. Meet at Beaver Meadow Arboretum. Pre-registration is required. \$5 All Ages. www.buffaloudubon.org 585-457-3228.

Children Nature Story-Read with Author Dave Bauer at the Alden Library from 12:30 p.m.-1:30 p.m. (call 937-7082 to register).

Pond Exploration-10 to 11am at Evangola State Park. Become a scientist and explore the aquatic world! We will search for critters, big and small, which live in the Evangola pond. For information and registration call (716) 549-1050.

Fredonia College Nature Preserve Field Trip-10am with leaders Jon and Priscilla Titus and the Niagara Frontier Botanical Society. Participants will meet at the Preserve's main parking lot at 10am. Be prepared for off-trail travel and bring knee boots or a kayak if you would like to explore the marsh in greater detail. Contact Jon Titus at titus@fredonia.edu or 716-785-1526 to register or questions.

Sunday, July 2

First Sunday of the Month Mid-Morning Walks-10:45 am - 11:30 am from March - November, 2017.

All walks begin and end at the Hoyt Lake, Marcy Casino area. Led by Dennis Galucki, Founder, C-SAAHN & 'IMAGINE' Weekly Series and Philip Haberstro, CEO, Wellness institute of Greater Buffalo. Contact : Phil: 716-851-4052. <http://buffaloah.com/h/center/a/other.html>

Family Walk at Beaver Meadow – 2pm at Beaver Meadow Audubon Center. Enjoy a guided walk led by one of our naturalists through the Preserve. Donations gratefully accepted.

Gooseneck Hill Waterfowl Sanctuary-Open Sundays July and August 2-5 P.M. Learn to identify 78 different species of waterfowl. Guided tours of all the birds in the beautiful landscaped park. Over 700 flying geese, ducks and swans, baby waterfowl, 78 different species, including over 100 endangered birds. Tour the two largest covered aviaries in the U.S.. Group tours by appointment Monday through Saturday. Admission: Adults \$10, Seniors & Children (under 12) \$7. No pets please! [716-942-6835](tel:716-942-6835), www.gooseneckhillwaterfowlfarm.com, 5067 Townline Road, Delevan, N.Y. 14042

Goat Island Adventure Walk-7:30 to 9:30pm at Niagara Falls State Park. Relax and unwind while walking around the oldest state park in the United States, established in 1885. Enjoy stories of yesteryears and today. End your walk with fireworks at 10:00 p.m. weather permitting. For information and registration call (716) 282-5154.

Trek Tiff-2 to 3:30pm. Drop in on Sunday afternoon for a guided tour of the Preserve on our beautiful and accessible trails! Please call 716.825.6397 to confirm walk will be taking place. Cost: \$2 donation per person appreciated, All ages welcome.

Monday, July 3

Slow Roll Buffalo-The season start from 6-8pm. Check the site for location and season's schedule and join hundreds of bikers weekly. <http://slowrollbuffalo.org/schedule/slow-roll-buffalo/>

Tuesday, July 4

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

July 4th Birthday Bash- 11:00am-3:00pm, Asha Sanctuary, 2969 Coomer Road, Newfane, NY, 14108. Come on out on July 4th to meet all the rescued farmed animals at Asha Sanctuary and wish these sweet babies Happy Birthday!!! We don't know the dates of their real birthdays, so since July 4th is a birthday celebration, we thought it fitting! (Albert's B-day is celebrated in October, but he will, of course, join in the FUN!!!) Advance adult discount tickets can be purchased through 7/2/17. At door sales are \$10 for Adults, \$5 for Kids 5 – 12, FREE for Toddlers 5 and under, and FREE for Full-Time College Students with valid ID. Asha Sanctuary is a family friendly, smoke-free and alcohol-free 501(c)3 not for profit organization. All proceeds go toward medical care, shelter and food for the rescued farmed animals that live at our sanctuary.

<http://www.ashasanctuary.com/events.html>

Wednesday, July 5

Family Nature Hour-6:30pm. Hands-on activities enable families to investigate a different nature topic each session. Note: This program will be held at the Julia Boyer Reinstein Library, 1030 Losson Road, Cheektowaga. Contact the library at 716-668-4991 to register.

Walking on Wednesdays-12:10-12:40pm at Kaminski Park, Elm and Carlton St. Free. Sponsored by Buffalo Niagara Medical Campus. Info at <https://bnmc.org/wow/>

Tiftt in the Park-6:00pm - 08:00pm. Visit our Tiftt Table in the Buffalo Harbor State Park for hands-on crafts and discovery every Wednesday before Family Movie Nights in the Park. Visit www.parks.ny.gov/events for Family Movie Night information. Buffalo Harbor State Park is located just across the road from Tiftt, at 1111 Fuhrmann Boulevard. Free parking is available at both locations. For more information, call Tiftt at 716.825.6397 or Buffalo Harbor State Park at 716.822.1207. Ages: All ages welcome.

Thursday, July 6

Wellness Walk at Tiftt Nature Preserve- 10:00am - 12:00pm. Enjoy the fresh air and the sights and sounds of the season with a healthy, guided outdoor walk on our trails! Please call 716.825.6397 to confirm walk will be taking place. *\$2 donation per person appreciated.*

22nd Annual Thursday Evening Stress Reducer Paddle - Paths, Peaks & Paddles trip open to all on Lake Ontario. We meet out in Wilson at the Wilson Tuscarora State Park (Route 18 East of Niagara Falls) at 6:30pm in the back parking lot. We will either take a paddling trip on either the East or West Branch of Twelve Mile Creek. To top off the evening we paddle out to Lake Ontario and watch a spectacular sunset over Toronto 38 Miles away across the lake. The vibrant colors across the sky and mirrored on the lake is breathtaking. Here you can really appreciate Mother Nature and the beauty she shares with us. All are welcome if you have your own boat (canoe or kayak) there is no charge. If you need to rent one, the cost is only \$30.00 per boat solo or \$40.00 tandem delivered out to Wilson for you, includes paddle(s) and PFD(s). We will bring the rented boat out to you! RESERVATIONS ARE A MUST IF YOU ARE RENTING CALL: 716-213-0350.

First Thursday Work Evening-4pm. Come volunteer at Pelion Garden, 206 Best St., Buffalo. <https://www.facebook.com/pg/PelionCommunityGarden/events/>

Behind-the-Scenes Collections Tour (adults only): Mastodons in Our Backyard-10:00am - 12:00pm. Get behind-the-scenes to see what few have seen and explore our research, special, and teaching collections in themed tours taking place throughout the month. Tours are approximately 2 hours in length. Mastodons in our Backyard: The Byron Dig Seymour isn't the only Mastodon at the Museum! Learn more about the Museum's Mastodons excavated from the local Genesee County dig site and take a look at the specimens that teach us about life on the Niagara Frontier over 10,000 years ago. Ages: Adults 18+, Cost: \$25 non-members (includes Museum admission) / \$15 BMS members. Registration deadline: one week in advance. [register](#)

Guided Map Hike Series Day 1-6:00 pm, Do you want to feel confident traveling the trails in our beautiful Western New York parks? Looking for fresh air and exercise? Want a challenge? Our Guided Map Hike Series is another way to get out there. Come out to Chestnut Ridge Park any Thursday from July 6 to July 27. Meet us at the Casino by the main parking lot. We start hiking at 6:00 pm, so be prompt. In order to go on any of these hikes, participants must purchase our 2017 Chestnut Ridge map hike map for \$10. It will be available from the hike leader at the beginning of each hike. Anyone who has purchased the map earlier in the season may use the same map. The same map may be used for all of the 2017 guided map hikes, so a single purchase is necessary. This map will also be useful for individuals while hiking on their own in the park. The guided map hikes will take place on the park trails with a certain amount of off-trail walking to locate some of the 25 map hike controls attached to trees throughout the park. Organizer Linc Blaisdell, (716) 479-9431, linc43@roadrunner.com

Aquatic Invasive Species Management Workshop-9am – 12pm at Lake Erie Seaway Trail Center, 4968 Lakeshore Rd, Hamburg, NY 14075. Join WNY PRISM, U.S. Army Corps of Engineers – Buffalo District, U.S. Fish and Wildlife Service, and NYS Parks for an Aquatic Invasive Species Management Workshop. This free workshop will include information on aquatic invasive species (threats, ecology, identification), invasive species management methods including surveys, control, and prevention, and will include an update and overview of the Tonawanda Creek/Erie Canal Hydrilla Control Demonstration Project. In addition, we will provide an introduction to iMapInvasives, an online invasive species mapping tool and database, as well as have an optional iMap field session after the workshop. We hope to see you there! For more information and to register for this event, visit: <https://www.eventbrite.com/e/aquatic-invasive-species-workshop-tickets-35206136502>

Friday, July 7

"The Living Soil" program for kids-At Monkey See, Monkey Do bookstore from 9:00 a.m - 10:15 a.m. (register online at <http://Monkeysread.com>).

Saturday, July 8

Household Hazardous Waste Drop-Off Day in Buffalo-9am to 2pm., BPS Houghton Academy, 1725 Clinton St. For list of acceptable items, visit www.buffalorecycles.org

Summer Wildflowers-10am. Search for seasonal wildflowers, and discover their uses and folklore. For adults and children ages 10 and older. Reinstein Woods Nature Preserve, Depew. Registration required; call (716) 683-5959.

Nature Sketching – 10am to noon at Beaver Meadow Audubon Center. Join artist Kateri Ewing for an exploration of what it means to really see the natural world around us. Weather permitting, we will take a hike and choose something to sketch and ponder in our nature journals. If the weather is rainy, we will select something from the collection of natural history items inside the center. If you have a nature journal, bring it along! If you don't have one...yet...we will supply paper. Please bring two, sharpened, number two pencils and an eraser per person participating. Pre-registration is required. \$15; Children under the age of 12 must be joined by an adult. (585) 457-3228.

Summer Evening Hike Series- 6:30 to 8:30pm at Chaffee Preserve. Earth Spirit offers this moderately challenging hike through mature forest lands will be focused upon the sights and the sounds of Nature's busy twilight time. See our [website](#) for complete details and registration.

Amherst Garden Walk-10am to 4pm, 111 Campus Drive West, Amherst. The tour is free and self-guided. Maps can be picked up at Arbordale Nurseries, 480 Dodge Road, Getzville; Menne Nursery, 3100 Niagara Falls Blvd., Amherst; Lincoln Park Nursery, 147 Old Niagara Falls Blvd, Amherst; Hi-Way Garden Center, 1941 Tonawanda Creek Rd., Amherst, and Lavocat's Family Greenhouse and Nursery, 8441 County Rd, East Amherst. They can be picked up the day of the walk at 111 Campus Drive West, Snyder. Closer to the event, addresses will also be listed on their [Facebook page](#).

Hamburg Garden Walk-10am to 4pm. A free, self-guided garden walk, will be held from 10 a.m. to 4 p.m. in the Village of Hamburg. Pick up a map at Memorial Park, corner of Lake and Union Streets in Hamburg. Garden vendors will be in the park Saturday and Sunday. The walk is rain or shine. For more information, call 716-648-7544.

Lockport in Bloom Garden Walk-10am to 4pm. Kenan Center, 433 Locust St. The Twilight in the Garden evening walk will take place from 6:30 to 9 p.m. Prior to the event, maps/brochures will be available at the Garden Walk Headquarters at the Kenan Center, 433 Locust St., Lockport. This garden tour features more than 35 gardens throughout the City of Lockport. This is a free, self-guided, walking/driving tour. It hosts a variety of creativity found in each individual garden. For tour information, visit their [website](#) or see them on [Facebook](#).

Zookeeper Day-11am to 3pm at the Buffalo Zoo. Included with zoo admission, talks with zookeepers and special activities. www.buffalozoo.org

Scene (Springville) Garden Walk -10am to 4pm. <https://buffalo-niagaragardening.com/events/scene-around-town-springville-garden-walk-2/>, Fiddler's Green Park, Springville NY.

2nd Saturday Walking Tour Around Hoyt Lake-Presented by M&T Bank. \$5 for BOPC members and \$10 for non-BOPC members. 10am or 1pm. [For more details, click here.](#)

Full Moon Wine & Cheese Paddle-What better way to spend a Summer Saturday evening than to paddle and be with friends out on Lake Ontario in a Kayak. Please join us out at Wilson Tuscarora Park at 7:30pm. This is a great opportunity to paddle on the lake and catch the superb Lake Ontario Sunset. Then watch the alpenglow afterward and the Full Moon Rising. Wine & Cheese is served on the beach and will cost \$20.00pp. If you need to rent a kayak for the evening the cost is \$30.00 for a single and \$35.00 for a tandem. Rental includes paddles and PFD's. You must bring a battery operated light with you for use once we get back to land (headlamps work best). There is no Drugs or Alcohol allowed on the Water. Don't wait too long to sign up! This adventure is always a lot of fun and usually becomes an awesome social gathering once we are off the water. If you have questions contact us at 213-0350 or at pppinfo@pathspeakspaddles.com

Kayak Tour: Lower Niagara River-9:00 AM – 11:30 AM at Stella Niagara Preserve, Stella Niagara, NY 4421 Lower River Rd. Free, register at http://bnriverkeeper.org/event/kayak-tour-lower-niagara-river/?instance_id=248

Sunday, July 9

Go Bike Class: Basic Maintenance- All classes are held at the GObike Community Workshop (98 Colvin Ave) on Sundays from 6pm-8pm. Pay what you can. Our suggested donation is \$10 and most classes are limited to 10 people. Please RSVP to stacy@gobikebuffalo.org at least TWO days prior to class if you plan to attend.

Gooseneck Hill Waterfowl Sanctuary-Open Sundays July and August 2-5 P.M. Learn to identify 78 different species of waterfowl. Guided tours of all the birds in the beautiful landscaped park. Over 700 flying geese, ducks and swans, baby waterfowl, 78 different species, including over 100 endangered birds. Tour the two largest covered aviaries in the U.S.. Group tours by appointment Monday through Saturday. Admission: Adults \$10, Seniors & Children (under 12) \$7. No pets please! [716-942-6835](tel:716-942-6835), www.gooseneckhillwaterfowlfarm.com, 5067 Townline Road, Delevan, N.Y. 14042

Plant ReWilding-10am to 3pm at Singer Farm Naturals, Appleton. Plant rewilding is an effort to bring permaculture ideas into a property-free world. Especially by learning from indigenous land management practices, we can nurture our wild and marginal spaces whether public or private into a diversity of human habitat. We will consider human habitat specifically to be a relationship with geophytic plants -- ones with large storage organs. Beets, carrots, potatoes, and yams are all examples of geophytes. Part of our work has been tracking down some of the lost/obscure native geophytes of the eastern United States, and bringing these into production for food easier source accessibility. Many if these plants were likely the indigenous first foods of our region. <http://www.smughtownmushrooms.com/product-p/wk020.htm>, \$50.

Allenberg Bog Hike-9am-2pm Allenberg Bog Walk – A casual hike through the Audubon preserve in search of summertime flora and other interesting facets of this unique environment. A fascinating refuge of 390 acres, it is a jewel of the Buffalo Audubon Preserve System. Participants will meet at 9am in the Walmart parking lot (Tim Hortons end) in Springville for carpooling with an estimated return by 2pm. Pre-registration is required. \$5 Ages 10 and up. (585) 457-3228.

Forest Bathing under the Full Moon – 8:30-10pm. Join us at Beaver Meadow for a leisurely walk under the light of the full moon. A forest bath is quality time spent among the trees with no distractions. There's no end destination like on a hike, or specific type of tree or nocturnal animal to seek out. All would-be forest bathers need to do is break from all outside distractions (no cell phones allowed) and take in the surrounding forest. Pre-registration is required. \$5. (585) 457-3228.

Grand Island Garden Walk-10am to 4pm, Town Commons Gazebo. Maps for the tour can be picked up at the Town Commons Gazebo at the corner of Whitehaven and Baseline Rd., Grand Island. The walk is free and self-guided. The walk will feature a variety of garden sizes and styles for all to enjoy. You can visit Beaver Island State Park or Buckhorn Island State Park, two of Grand Island's state parks, during the walk. For more information, email grandislandgardenwalk@gmail.com.

Hamburg Garden Walk-10am to 4pm. A free, self-guided garden walk, will be held from 10 a.m. to 4 p.m. in the Village of Hamburg. Pick up a map at Memorial Park, corner of Lake and Union Streets in Hamburg. Garden vendors will be in the park Saturday and Sunday. The walk is rain or shine. For more information, call 716-648-7544.

Lockport in Bloom Garden Walk-10am to 4pm. Kenan Center, 433 Locust St. Prior to the event, maps/brochures will be available at the Garden Walk Headquarters at the Kenan Center, 433 Locust St., Lockport. This garden tour features more than 35 gardens throughout the City of Lockport. This is a free, self-guided, walking/driving tour. It hosts a variety of creativity found in each individual garden. For tour information, visit their [website](#) or see them on [Facebook](#).

Snyder-Cleveland Hill Garden View-10am to 4pm. Maps for the tour can be picked up at Trillium's Courtyard Florist, 2195 Kensington Ave., Amherst. The walk is self-guided and a \$2 donation is appreciated but not required. The tour, in its 15th year, will include more than 30 private gardens and public spaces in the neighborhoods of Snyder and Cleveland Hill. Many garden styles, plant types and some water features will be shown. For more information, email snyderclevelandhillgardenview@gmail.com or visit their [Facebook](#) page.

Gorge Hiking Series: Devil's Hole-10am to noon at [Devil's Hole State Park](#). Join us for a hike on the Devil's Hole Trail as we discuss the geologic and local history of the gorge. We will pass by the Devil's Hole Rapids and *Giant Rock*, famous for its prominence in photos of the Great Gorge Route trolley line. For information and registration call (716) 282-5154.

Evening River Bike Tour-6 to 8pm at [Niagara Falls State Park](#). Bring along your bike for our fun bicycle ride along the Niagara Gorge! We will ride from Niagara Falls State Park to Devil's Hole State Park and get back in time to enjoy the evening and watch the fireworks! Bike helmet is required! For information and registration call (716) 282-5154.

Trek Tiff-2 to 3:30pm. Drop in on Sunday afternoon for a guided tour of the Preserve on our beautiful and accessible trails! Please call 716.825.6397 to confirm walk will be taking place. Cost: \$2 donation per person appreciated, All ages welcome.

July 9th: Seal Day Camp-9am to 3pm at Aquarium of Niagara. Seals are winter-loving animals, so how do they deal with the heat of summer? Join us to learn about the amazing ways seals survive through the seasons. We will spend time watching the aquarium seals and viewing behind-the-scenes care to understand how we help keep them comfortable no matter the temperature. Ages: 7+, Price: \$45/non-members, \$30/members, www.aquariumofniagara.org

The Folklore of Wild Edible and Medicinal Plants-1:00 PM - 3:00 PM at Alden Town Park. The Folklore of Wild Edible and Medicinal Plants Content: Walk on sidewalk and well-maintained nature trail describing the traditional uses of dozens of wild plants - traditional medicinal plants, tasty (and not so tasty) but edible ones. These are plants with historic domestic and industrial uses, as well as some species to be avoided... <https://wildspirit.eventgrid.com/Events/34178/the-folklore-of-wild-edible-and-medicinal-plants/Dates/47431>

Monday, July 10

Family Full Moon Walk-8:30pm. Enjoy the light of the moon as we search for critters of the night. Reinstein Woods Nature Preserve, Depew. Registration required; call (716) 683-5959.

Slow Roll Buffalo-The season start from 6-8pm. Check the site for location and season's schedule and join hundreds of bikers weekly. <http://slowrollbuffalo.org/schedule/slow-roll-buffalo/>

ECHDC Board of Directors Meetings- 10:30 a.m. on the second Monday of each month are held in the Board Room of ESD's Buffalo Regional Office, 95 Perry Street-Suite 500, Buffalo, NY 14203.

Aquatic Invasive Species Display- @ Ellicott Creek Park, 8:30am – 4:30pm. WNY PRISM is partnering with the US Army Corps of Engineers - Buffalo District, US Fish and Wildlife Service, and NYS DEC to conduct a pre-treatment survey for the Tonawanda Creek/Erie Canal Hydrilla Demonstration Project. While the Crews are in the water, the rest of us will be at an information table at the nearby park. We'll be sharing information to anyone interested in aquatic invasive species and discussing the demonstration project.

Tuesday, July 11

Creek Critters at Amherst State Park-10am. Discover what amazing animals are lurking underwater on this hike along Ellicott Creek. Note: this program takes place at Amherst State Park. Reinstein Woods Nature Preserve, Depew. Registration required; call (716) 683-5959.

Medicinal Herb Walk-11am. Enjoy a walk to discover the medicinal values of the herbs that grow at Reinstein Woods. For adults and children ages 12 and older. Reinstein Woods Nature Preserve, Depew. Registration required; call (716) 683-5959.

Nocturnal Creatures-8:30pm. Join former Naturalist Intern Matt Nusstein (winter/spring 2015) to search for creatures of the night on this guided walk. Reinstein Woods Nature Preserve, Depew. Registration required; call (716) 683-5959.

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

Bulb Lilies and the Lily Leaf Beetle-This is part of a series of monthly garden talks. It is free and no registration is required. Attendees are welcome to bring a lunch to eat. Cornell Cooperative Extension of Genesee County will host from 12:15 to 12:45 p.m. at the Cooperative Extension, 420 E. Main St., Batavia. This program, taught by Master Gardener Roberta Terbuska, will cover types of bulb lilies and their nemesis, the red lily leaf beetle. Terbuska will also discuss strategies on how to combat this pest in your garden and protect your lilies.

Kayak Tour: Living Shorelines and Local Wildlife-6:00 PM – 8:30 PM, East Hill Foundation, North Tonawanda, 17 Island St. Free. Explore Ellicott Creek while learning about current restoration projects. Keep a lookout for beaver and signs of other critters! http://bnriverkeeper.org/event/river-tour-living-shorelines-and-local-wildlife/?instance_id=249

Wednesday, July 12

Family Nature Hour-6:30pm. Hands-on activities enable families to investigate a different nature topic each session. Note: This program will be held at the Julia Boyer Reinstein Library, 1030 Losson Road, Cheektowaga. Contact the library at 716-668-4991 to register.

GBNRTC-PCC Meeting-9:30AM at Niagara County Public Safety Building, 5574 Niagara St., Lockport. Public invited to discuss transportation issues. Monthly meeting locations rotate, so you can confirm at 856-2026.

Walking on Wednesdays-12:10-12:40pm at Kaminski Park, Elm and Carlton St. Free. Sponsored by Buffalo Niagara Medical Campus. Info at <https://bnmc.org/wow/>

The Great Lakes: Naturally Educator Workshop – A free two-day workshop (Wednesday/Thursday) for Grade 4-10 teachers. Formal and Non-Formal Educators are welcome! Spend the days at two of WNY's premiere place-based nature centers learning about all parts of the Great Lakes food web – from plankton to apex predators. The workshop will be co-taught by Helen Domske, NY Sea Grant; Mary Ronan, NYSDEC Reinstein Woods Environmental Education Center; and Lauren Makeyenko, Beaver Meadow Audubon Center. For more information and to register, please contact Helen Domske at 716-645-3610.

Hamburg Garden Club Green Roof Tour-Group will visit the Green Roof on Art's Café, 5 East Main St., Springville at 10 a.m. Seth Wochensky, manager of the Green Roof, will give a tour of the building and present the new concept in gardening up on the roof. Guests are welcome. For more information, contact lonabutler@roadrunner.com.

Tift in the Park-6:00pm - 08:00pm. Visit our Tift Table in the Buffalo Harbor State Park for hands-on crafts and discovery every Wednesday before Family Movie Nights in the Park. Visit www.parks.ny.gov/events for Family Movie Night information. Buffalo Harbor State Park is located just across the road from Tift, at 1111 Fuhrmann Boulevard. Free parking is available at both locations. For more information, call Tift at 716.825.6397 or Buffalo Harbor State Park at 716.822.1207. Ages: All ages welcome.

Bike Tour: Underground Railroad-6:00 PM – 8:30 PM at Niagara Falls Station, 825 Depot Ave W, Niagara Falls, NY 14305. Take a ride through history! Join us for an Underground Railroad tour in Niagara Falls making stops at sites connected to the route that escaped slaves took on their way to freedom. Speed: 5-10, Length: 5-10 miles. http://bnriverkeeper.org/event/bike-tour-underground-railroad/?instance_id=265

Growing and Cooking with Herbs-6:00 pm - 7:00 pm. 'Summertime and the living is easy' so the song goes. Are you looking for some easy ways to brighten up your meals? The Nannen Arboretum Society will be presenting 'Growing and Cooking with Herbs' to give you helpful hints on how to grow your own herbs and use them to add new flavors to your cooking. This informative session will be held at the Ellicottville Town Center building located at the Nannen Arboretum, 28 Parkside Drive, Ellicottville NY. Pat Kerl will introduce you to six basic kitchen herbs; Basil, Chives, Dill, Oregano, Parsley and Thyme and discuss their growing culture, propagation, harvesting and drying. Cheri Reed will prepare a recipe for each of these herbs passing around tasty samples in the process. The session is free of charge but we would love to know if you plan to attend. Just drop us an email at info@nannearboretum.org with your name and contact information.

iMapInvasives Training Workshop- 10am – 4pm at Iroquois National Wildlife Refuge, 1101 Casey Rd, Basom, NY 14013. CALLING ALL CITIZEN SCIENTISTS, EDUCATORS, and VOLUNTEERS! In support of New York State Invasive Species Awareness Week (ISAW), join us to enhance your capacity to identify, document, and control invasives in your community while exploring your local Refuge! Free & open to the public, pre-registration is required. For more information and to register, please contact: Eli Polzer at eli_polzer@fws.gov; (585)948-5445 x7056.

Hike and Strike-1 to 2pm @ Whirlpool State Park, Natural History Room, Robert Moses State Parkway, Niagara Falls, NY 14303. Come learn about invasive species and work alongside the Niagara Region FORCES Invasive Species Management Steward and the NYS Parks Invasive Species Strike Team as they hike, identify and control shrubby invasives along the rim trail downstream of the majestic Niagara Falls. For more information and to RSVP, please contact Meg Janis meg.janis@parks.ny.gov

Tax Credit Drop-In Workshop-6–8 pm. Join Preservation Buffalo Niagara for our Homeowner's Tax Credit Drop-In Workshop the second Wednesday of every month at the PBN offices! Bring your tax credit application and any questions you might have. Call the office at (716) 852-3300 for more information. This Drop-In Workshop is FREE for PBN members and \$10 for non members- no pre-registration is required.

Thursday, July 13

Botanics and Brews-Fundraiser for Buffalo & Erie County Botanical Gardens. \$30 members/\$35 non-members. Tickets available at www.buffalogardens.com. 6-9pm with beer and food samplings and garden tours.

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

Wellness Walk at Tift Nature Preserve- 10:00am - 12:00pm. Enjoy the fresh air and the sights and sounds of the season with a healthy, guided outdoor walk on our trails! Please call 716.825.6397 to confirm walk will be taking place. \$2 donation per person appreciated.

22nd Annual Thursday Evening Stress Reducer Paddle- Paths, Peaks & Paddles trip open to all on Lake Ontario. We meet out in Wilson at the Wilson Tuscarora State Park (Route 18 East of Niagara Falls) at 6:30pm in the back parking lot. We will either take a paddling trip on either the East or West Branch of Twelve Mile Creek. To top off the evening we paddle out to Lake Ontario and watch a spectacular sunset over Toronto 38 Miles away across the lake. All are welcome if you have your own boat (canoe or kayak) there is no charge. If you need to rent one, the cost is only \$30.00 per boat solo or \$40.00 tandem delivered out to Wilson for you, includes paddle(s) and PFD(s). We will bring the rented boat out to you! Reservations needed to rent-call 716-213-0350.

Garden Heroes & Villains- 5pm at Pelion Garden, 206 Best St. Identify, firsthand, many of the garden pests and beneficial insects common to Buffalo. Find out how to prevent or remove the pests organically. You will have an opportunity to practice Pelion Garden is an outdoor learning lab for students at City Honors School. These summer workshops are free to the public, thanks to a sponsorship by Buffalo Niagara Medical Campus. <https://www.facebook.com/pg/PelionCommunityGarden/events/>

Volunteers needed for Honeysuckle Harvest-10am to 1pm. Western New York Land Conservancy is partnering with the Western New York Partnership for Regional Invasive Species Management (PRISM) to remove honeysuckle from the Kenneglenn Nature Preserve in Wales and *we need your help!* PRISM staff will train all volunteers how to identify and remove honeysuckle and other woody invasives. Tools and lunch will be provided. Register at <https://www.eventbrite.com/e/2017-honeysuckle-harvest-registration-35209817512>. Kenneglenn Scenic and Nature Preserve, 11663 Old Strykersville Road, East Aurora, NY 14052

The Great Lakes: Naturally Educator Workshop – A free two-day workshop (Wednesday/Thursday) for Grade 4-10 teachers. Formal and Non-Formal Educators are welcome! Spend the days at two of WNY's premiere place-based nature centers learning about all parts of the Great Lakes food web – from plankton to apex predators. The workshop will be co-taught by Helen Domske, NY Sea Grant; Mary Ronan, NYSDEC Reinstein Woods Environmental Education Center; and Lauren Makeyenko, Beaver Meadow Audubon Center. For more information and to register, please contact Helen Domske at 716-645-3610.

Community Meetings to Discuss the Tonawanda Coke Soil Study-6:30 to 7:30pm. Citizen Science Community Resources (CSCR), in collaboration with the University at Buffalo and SUNY Fredonia, is holding public meetings to discuss the Tonawanda Coke Soil Study in the City of Tonawanda, Town of Tonawanda and Grand Island. CSCR will be holding multiple casual community meetings in June and July 2017 to spread awareness and answer questions about the study. Residents in many local neighborhoods including the Tonawanda's, Kenmore, Riverside and Eastern Grand Island are encouraged to sign up and have their soil tested. CSCR Office 3200 Elmwood Ave, Room 210, Kenmore NY. 716-873-6191

Knotweed Knock Out- 10am – 12pm at Beaver Island State Park, 2136 Oakfield Road, Grand Island, NY 14072, Come help the NYS Parks Invasive Species Strike Team control Japanese knotweed around the historic River Lea House. For more information and to RSVP, please contact Meg Janis meg.janis@parks.ny.gov.

Guided Map Hike Series Day 2-6:00 to 8:00 pm. Do you want to feel confident traveling the trails in our beautiful Western New York parks? Looking for fresh air and exercise? Want a challenge? Come out to Chestnut Ridge Park and meet us at the Casino by the main parking lot. We start hiking at 6:00pm, so be prompt. In order to go on any of these hikes, participants must purchase our 2017 Chestnut Ridge map hike map for \$10. It will be available from the hike leader at the beginning of each hike. The same map may be used for all of the 2017 guided map hikes, so a single purchase is necessary. This map will also be useful for individuals while hiking on their own in the park. The guided map hikes will take place on the park trails with a certain amount of off-trail walking to locate some of the 25 map hike controls attached to trees throughout the park. Leader is Rob Reeves, 716-930-1821. Buffalo Orienteering.

Purple Martin Nest Checks and Banding- Iroquois National Wildlife Refuge, 10-11:30am. Registration required at Registration required, call 585-948- 5445 ext. 7036 to register.

Friday, July 14

Expo Story Time-Monkey See Monkey Do Bookstore, 9060 Main St., Clarence, for kids. Free.

South Town Gardeners Meeting- 9:30 a.m. at the West Seneca Senior Center, 4620 Seneca St., West Seneca. Bob Heiss, retired owner of Galley's Florist, will demonstrate vase arrangements everyone can do. For more information, call 668-0209.

City of Tonawanda Garden Walk Night Lights-8:30pm to 11pm. The tour is free and self-guided. Maps will be available at city hall, 200 Niagara St. and the public library, 333 Main St., City of Tonawanda. For more information, visit their [Facebook](#) page.

Lancaster Garden Walk-Night walk from 8:45 to 10:45pm. Maps for the event can be picked up at Two Chicks and a Rooster, 732 Aurora St.; Petals to Please, 5870 Broadway, and Simply Italiano, 85 Central Ave., Lancaster. The tour is free and self-guided.

Birding Walk at Iroquois NWR- 9:00 AM - 12:00 PM. Iroquois National Wildlife Refuge. Join us for a leisurely walk through the refuge in search of birds. This is a great area to view a variety of bird species. We will meet the Swallow Hollow Trail parking lot. A donation is appreciated and will be collected at the walk. This program is funded in part by a grant from The Niagara Frontier Section of the Air and Waste. To register, visit <https://wildspirit.eventgrid.com/Events/33647/birding-walk-at-iroquois-nwr/Dates/45257>

Attracting Birds to Your Backyard-2:00 PM - 3:30 PM at Delevan Scout Building, 10 Main Street, Delevan, NY 14042. [RSVP Now](#) Want to know what birds are in your backyard? Want to attract more birds to your backyard? We will let you know how to attract the birds. We will discuss types of food, habitat construction, feeders and more. Enter the Scout building in the rear of the building where you will find plenty of parking. A donation is appreciated and will be collected at the program.

Franklin Gulf Volunteer Workday- 9am – 12pm at Franklin Gulf County Park, North Collins, NY 14111. Come join our efforts at Franklin Gulf to manage invasive plants such as Japanese barberry, multi-flora rose and honeysuckle. Invasive species are non-native species that compete against the natives in an ecosystem. They can do great harm to the environment's health overall. By helping us remove these invasive pests, you will be helping us fight the battle to save our local ecosystem! <https://stoptheinvasionny.com/calendar-of-events/western-ny-calendar/>

Saturday, July 15

The Search for Monarchs-10:30am. Learn about the monarch butterfly's life cycle and help us search for eggs, caterpillars and adult butterflies during our hike. For adults and children ages 10 and older. Reinstein Woods Nature Preserve, Depew. Registration required; call (716) 683-5959.

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

Canoe the Beaver Pond – 1 to 4pm. Join naturalist Mark Carra at Beaver Meadow for a leisurely paddle on our 40-acre beaver pond. We'll supply the canoes or BYO kayak. Space is limited, so be sure to register early. Pre-registration required. \$7 Ages 12+ to paddle. Younger children must be accompanied with an adult (585) 457-3228.

"The Living Soil"-Program at the Orchard Park Library from 10:00 a.m. - 11:00 a.m. (call 662-9851 to register), for kids.

Pendleton Three Garden Tour-11am to 4pm. They are within 1 ½ miles of each other. (The gardens are all located in Pendleton but have different towns in their mailing addresses.) Addresses: 6987 Bear Ridge Rd., North Tonawanda, 6791 Bear Ridge Rd., Lockport, 6670 Bear Ridge Rd., Lockport. [Get the locations of the gardens](#)

City of Tonawanda Garden Walk-10 a.m. to 4 p.m. The tour is free and self-guided. Maps will be available at city hall, 200 Niagara St. and the public library, 333 Main St., City of Tonawanda. The walk will have more than 30 gardens open for viewing including water gardens, rock gardens, koi ponds and meditation gardens. Garden Walk applications are available [online](#). For more information, visit their [Facebook](#) page.

Lancaster Garden Walk- 10 a.m. to 4:30 p.m. Maps for the event can be picked up at Two Chicks and a Rooster, 732 Aurora St.; Petals to Please, 5870 Broadway, and Simply Italiano, 85 Central Ave., Lancaster. The tour is free and self-guided.

Garden Walk of Niagara Falls-10 a.m. to 4 p.m. Maps for the tour can be picked up at the Niagara Falls Public Library, 1425 Main St., Niagara Falls. Donations are gratefully accepted for the garden walk. The walk will include a tour, noted speakers, activities for children, informational brochure with event map and transportation to each venue by New York State Parks trolley. For more information, contact Margaret Topor at 716-812-8290 or Chuck Curran at 716-478-5956. Also visit their [Facebook](#) page for more info and updates.

Samuel P. Capen Garden Walk-10 a.m. to 4 p.m. and a night tour called Capen by Night from 8 p.m. to 10 p.m. as well. Maps can be picked up at the UB Anderson Gallery, 1 Martha Jackson Pl., Buffalo. The tour is free and self-guided. The garden walk will feature more than 70 private and public gardens in the University Heights and Eggertsville neighborhoods surrounding the UB South Campus area. Don't miss out on the University Park Historic District, Minnesota Avenue's four-block median, UB Anderson Gallery, Tyler Street Community Garden, and the UHAA-St. Andrew Sculpture Garden. For more info visit their [website](#).

Village of Williamsville Garden Walk-10 a.m. to 4 p.m. Maps for the event can be picked up the day of the walk at the Williamsville Village Hall, 5565 Main St., Williamsville. Gift bags filled with valuable coupons are available the day of the event at the welcome tent while supplies last. The tour is free and self-guided. The walk will feature a mix of 25 to 30 formal English, cottage, urban, organic fruit and vegetable gardens filled with water features and garden art. For more information, visit their [website](#) or [Facebook](#).

Butterfly Beauties-1 to 3:30pm at [Knox Farm State Park](#). Enjoy a relaxing walk through the wildflower meadow of Knox Farm to explore its rich diversity of butterflies. For information and registration call (716) 549-1050.

Buffalo Ornithological Society Field Trip: Knox Farm State Park-Matthew Nusstein leading. Meet at 8am in the parking lot at the visitor center. This trip will have a cost of \$1/person as Matt will be leading our group during his scheduled work day. Park naturalist, Matt Nusstein, will be guiding us to the scenic waterfalls within the park. Typically the ridge where the falls is located is good for a number of different warblers and vireos and occasionally a Barred owl roosting in the Hemlocks. The walk to the falls passes through a field that always has strong numbers of Bobolinks. We also hope to view Eastern Meadowlark, Eastern Bluebird, and Savannah Sparrow in the grassland.

Kayak Tour: Paddle Up Cayuga Creek-9:00 AM – 11:30 AM at Griffon Park, Niagara Falls, NY 14304. Enjoy a paddle past Cayuga Island and up Cayuga Creek. Learn all about the regions pre-industrial history! Register at http://bnriverkeeper.org/event/kayak-tour-paddle-up-cayuga-creek/?instance_id=285

About Boating Safely-8hr boating course in Youngstown. Contact Bob Hasse at frhasse@gmail.com

Making Waves: Battle for Great Lakes Documentary & Panel- 6pm – 9pm at Buffalo State College, Elmwood Ave, Buffalo, NY 14207. A documentary will be screened on Buffalo State's campus focusing on aquatic invasive species that are taking over the Great Lakes, as well as the efforts that are being conducted in order to manage them. The film's run time is 110 mins. After the screening, a discussion panel will follow for the remaining hour as well as some refreshments. Some of the panelists included are Alexander Karatayev, who is the director of the Great Lakes Center, and Andrea Locke, who is the coordinator for the WNY Partnership for Regional Invasive Species Management.

Sunday, July 16

Go Bike Class: Learn to Ride Youth- All classes are held at the GObike Community Workshop (98 Colvin Ave) on Sundays from 6pm-8pm. Pay what you can. Our suggested donation is \$10 and most classes are limited to 10 people. Please RSVP to stacy@gobikebuffalo.org at least TWO days prior to class if you plan to attend.

Mommy and Me Kayak!- Do you want to introduce your young daughter or son to kayaking but not sure how to go about it? The staff of Paths, Peaks & Paddles would like to share a "Mommy and Me" Saturday morning adventure with you! We will provide to you a tandem kayak, paddles and life jackets. Your guide will accompany you down the creek pointing out the great wonders of the outdoors. Don't hesitate to sign up, each outing is geared for small groups so we can spend quality time with each kayak. Cost is \$12 per kayak. Reservations are a must! 9:00 am until approx.. 11:30 am. Questions welcome at: 716-213-0350 or christine@pathspeakspaddles.com

Gooseneck Hill Waterfowl Sanctuary-Open Sundays July and August 2-5 P.M. Learn to identify 78 different species of waterfowl. Guided tours of all the birds in the beautiful landscaped park. Over 700 flying geese, ducks and swans, baby waterfowl, 78 different species, including over 100 endangered birds. Tour the two largest covered aviaries in the U.S.. Group tours by appointment Monday through Saturday. Admission: Adults \$10, Seniors & Children (under 12) \$7. No pets please! 716-942-6835, www.gooseneckhillwaterfowlfarm.com, 5067 Townline Road, Delevan, N.Y. 14042

Summer Tree Tours-\$10.00 at 11am. Make the Botanical Gardens one of your stops before or after the South Buffalo Garden Walk with a tree tour! Explore our outdoor gardens and learn about the trees and shrubs that have been planted. Meet on the front walk. Tours are about one hour long. Please wear comfortable shoes, you won't be walking far but you will walk around the outdoor grounds. Meet on the front walk of the Botanical Gardens and look for the tour guide with a sign. Register at <https://buffalogardens.com/cart>. Call 716.827.1584 ext. 291 with questions.

Lancaster Garden Walk- 10 a.m. to 4:30 p.m. Maps for the event can be picked up at Two Chicks and a Rooster, 732 Aurora St.; Petals to Please, 5870 Broadway, and Simply Italiano, 85 Central Ave., Lancaster. The tour is free and self-guided.

South Buffalo Alive Garden Walk-9 a.m. to 3 p.m. Maps for the tour can be picked up at the Tim Russert's Children's Garden, 2002 South Park Ave., Buffalo. The tour requests a \$2 donation and is self-guided. The tour will feature the Frederick Law Olmsted-designed Cazenovia Park and South Park; McKinley and McClellan circles, which were renovated as part of the 2013 LEAF a Legacy project; Buffalo & Erie County Botanical Gardens, and Our Lady of Victory Basilica. There will also be a farmers market at Cazenovia Park in front of the casino from 9 a.m. to 2 p.m. More than 60 gardens will be featured in South Buffalo Alive including pool-side settings, ponds and waterfalls, veggie plots, train gardens and fairy gardens. For more information, visit their [Facebook](#).

Strykersville and Curriers Garden Tour and Party-11:30 a.m. to 4 p.m. to benefit [Gateway Home](#), a comfort care facility in Attica. A home is being renovated to be used to care for the terminally ill at no cost. Tickets are \$20 and include a box lunch and beverage. The event will include six gardens in Strykersville and Curriers. For more information or to buy tickets, contact rdomes@rochester.rr.com or 716-474-0352. You can also buy tickets at Flowers by Nature, 82 Elm St., East Aurora; The Greenery, 5579 Michigan Rd., Java Village; Five Star Bank Attica, 26 Main St., Attica; Johnson's Nursery, 11753 Big Tree Rd., Wales Center, and Country Crossroads Florist, 700 Two Rod Rd., Marilla.

Trek Tiff-2 to 3:30pm. Drop in on Sunday afternoon for a guided tour of the Preserve on our beautiful and accessible trails! Please call 716.825.6397 to confirm walk will be taking place. Cost: \$2 donation per person appreciated, All ages welcome.

Monday, July 17

Slow Roll Buffalo-The season start from 6-8pm. Check the site for location and season's schedule and join hundreds of bikers weekly. <http://slowrollbuffalo.org/schedule/slow-roll-buffalo/>

Nature Scavenger Hunt- Alden Library from 2:00 p.m. - 3:00 p.m.(call 937-7082 to register). For kids.

Tuesday, July 18

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

Nature's Art Box: Natural Dye Watercolors – 3 to 4:30pm at Beaver Meadow Audubon Center.

Participants will use watercolor paint made from natural materials such as beets, onion skins, berries, spices and flower petals to create a watercolor painting of their outdoor surroundings. Pre-registration is required. \$5 All Ages. (585) 457-3228.

League of Women Voters Annual Potluck Luncheon-Noon. Bring a dish to pass. The camaraderie and cuisine are guaranteed to please everyone! Dave Spiering, conservation project manager for the Western New York Land Conservancy, will join us for lunch and make a 20-minute PowerPoint presentation about the Restore the [Niagara] Gorge project. The Land Conservancy has received funding for the project in this year's state budget. Chelsea Clubhouse at Canterbury Woods, on Downing Lane (off Renaissance Drive), Williamsville, 14221
RSVP: Make reservations by calling the League office at 716-986-4898 or [online here](#).

Behind-the-Scenes Collections Tour (adults only): Pan-American Exposition-2 to 4pm. Did you know the Museum houses over 700,000 specimens in our collection, or that a significant part of the collection pertains to the Greater Niagara Region? Get behind-the-scenes to see what few have seen and explore our research, special, and teaching collections in themed tours taking place throughout the month. Tours are approximately 2 hours in length. The Museum played a significant role in the Pan-American Exposition. See the artifacts that thrilled visitors over a century ago. Ages: Adults 18+, Cost: \$25 non-members (includes Museum admission) / \$15 BMS members. Registration deadline: one week in advance [register](#)

Kayak Tour: Lumber City Paddle-6:00 PM – 8:30 PM at East Hill Foundation, North Tonawanda, NY 17 Island St. Learn about the foundation of North Tonawanda and its boom in the Lumber industry. Register at http://bnriverkeeper.org/event/kayak-tour-lumber-city-paddle-3/?instance_id=252.

Niagara River Greenway Meetings-2pm for Executive Committee, 3pm for Commission. Location: Clubhouse of Beaver Island State Park, 2136 W. Oakfield Road, Grand Island, NY 14072.

Wednesday, July 19

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

Farm to Paradise-6 to 8pm. Take a tour of MAP's urban farm (389 Massachusetts Ave), see what we have GROWing on, and learn more about what's to come in 2017 with construction of a brand new farm house and Community Food Training Center! Afterwards, we will walk over to Paradise Wine (435 Rhode Island St) for a tasting and discussion about what it means to drink sustainably. There are only **40 tickets** available for this event and they are going quickly! Email Diane at dpnoc@mass-ave.org to reserve yours today! Proceeds from this event support MAP's work providing jobs and leadership training to young people and access to good food for all. 389 Massachusetts Ave, Buffalo, NY 14213.

Family Nature Hour-6:30pm. Hands-on activities enable families to investigate a different nature topic each session. Note: This program will be held at the Julia Boyer Reinstein Library, 1030 Losson Road, Cheektowaga. Contact the library at 716-668-4991 to register.

Senior Stroll-10:30am. Experience nature at your own pace, and enjoy a leisurely guided walk through the woods. For adults only. Reinstein Woods Nature Preserve, Depew. Registration required; call (716) 683-5959.

Birding 101: Class #7-6pm. Search for summer birds in the woods, such as gnatcatchers, kinglets, titmice and vireos. For adults and children ages 8 and older. Reinstein Woods Nature Preserve, Depew. Registration required; call (716) 683-5959.

Going Batty-8pm. Bats are amazing animals but are often misunderstood. Separate fact from fiction, and learn about the only true flying mammals. Reinstein Woods Nature Preserve, Depew. Registration required; call (716) 683-5959.

Walk with the Buffalo Audubon Director – 1 to 3pm. Habitat Management Information Session. Join Executive Director Loren Smith for a walk through some of the habitats found at Beaver Meadow and learn about possible actions that can be taken to improve habitat health for birds and other wildlife. We value your input as we work to ensure the long-term health of our forests, fields and wetlands. Pre-registration required. Donations gratefully accepted. (585) 457-3228.

“What do Elephants and Buffalo have in common?”-Central & Western NY Chapter of the Nature Conservancy talk presented by Matt Brown, Deputy Director of The Nature Conservancy in Africa from 7-8pm at Burchfield Penney Art Center, 1300 Elmwood Ave., Buffalo. Space limited-register at <http://support.nature.org/site/Calendar/70979317?view=RSVP&id=10266>

Evening in the Garden-Cornell Cooperative Extension of Chautauqua County Master Gardeners will host at 6 p.m. in the Demonstration Garden located at the Frank Bratt Agricultural Center, 3542 Turner Road, Jamestown.

Western NY Rose Society Meeting-7pm at St. Stephens-Bethlehem United Church of Christ, 750 Wehrle Dr., Cheektowaga. The Rose Show Awards will be presented.

Wines in the Wild- Buffalo Zoo fundraiser from 6-9pm. Tickets at <https://www.eventbrite.com/e/wines-in-the-wild-2017-tickets-33258904278>. Ages 21 and older.

Walking on Wednesdays-12:10-12:40pm at Kaminski Park, Elm and Carlton St. Free. Sponsored by Buffalo Niagara Medical Campus. Info at <https://bnmc.org/wow/>

Tift in the Park-6:00pm - 08:00pm. Visit our Tift Table in the Buffalo Harbor State Park for hands-on crafts and discovery every Wednesday before Family Movie Nights in the Park. Visit www.parks.ny.gov/events for Family Movie Night information. Buffalo Harbor State Park is located just across the road from Tift, at 1111 Fuhrmann Boulevard. Free parking is available at both locations. For more information, call Tift at 716.825.6397 or Buffalo Harbor State Park at 716.822.1207. Ages: All ages welcome.

Thursday, July 20

Wellness Walk at Tift Nature Preserve- 10:00am - 12:00pm. Enjoy the fresh air and the sights and sounds of the season with a healthy, guided outdoor walk on our trails! Please call 716.825.6397 to confirm walk will be taking place. \$2 donation per person appreciated.

22nd Annual Thursday Evening Stress Reducer Paddle - Paths, Peaks & Paddles trip open to all on Lake Ontario. We meet out in Wilson at the Wilson Tuscarora State Park (Route 18 East of Niagara Falls) at 6:30pm in the back parking lot. We will either take a paddling trip on either the East or West Branch of Twelve Mile Creek. To top off the evening we paddle out to Lake Ontario and watch a spectacular sunset over Toronto 38 Miles away across the lake. The vibrant colors across the sky and mirrored on the lake is breathtaking. Here you can really appreciate Mother Nature and the beauty she shares with us. All are welcome if you have your own boat (canoe or kayak) there is no charge. If you need to rent one, the cost is only \$30.00 per boat solo or \$40.00 tandem delivered out to Wilson for you, includes paddle(s) and PFD(s). We will bring the rented boat out to you! RESERVATIONS ARE A MUST IF YOU ARE RENTING CALL: 716-213-0350.

Vermicompost & Healthy Soil-5pm at Pelion Community Garden, 206 Best St. Learn how to turn your kitchen waste into a healthy supplement for your garden soil! We will demonstrate how to build a worm bin for your office, classroom, or household. Meet the red wigglers who recycle our organic garbage and renew your commitment to keeping our planet's soil healthy for future generations. Pelion Garden is an outdoor learning lab for students at City Honors School. These summer workshops are free to the public, thanks to a sponsorship by Buffalo Niagara Medical Campus. <https://www.facebook.com/events/1936369>

Guided Map Hike Series Day 3- 6:00 pm to 8:00pm. Do you want to feel confident traveling the trails in our beautiful Western New York parks? Looking for fresh air and exercise? Want a challenge? Buffalo Orienteering Guided Map Hike Series is another way to get out there. Come out to Chestnut Ridge Park any Thursday from July 6 to July 27. Meet us at the Casino by the main parking lot. We start hiking at 6:00pm, so be prompt. In order to go on any of these hikes, participants must purchase our 2017 Chestnut Ridge map hike map for \$10. It will be available from the hike leader at the beginning of each hike. Anyone who has purchased the map earlier in the season may use the same map. The same map may be used for all of the 2017 guided map hikes, so a single purchase is necessary. This map will also be useful for individuals while hiking on their own in the park. The guided map hikes will take place on the park trails with a certain amount of off-trail walking to locate some of the 25 map hike controls attached to trees throughout the park. Leader: Rob Reeves, Phone: (716) 930-1821.

Kayak Tour: Lower Niagara River-6:00 PM – 8:30 PM at Stella Niagara Preserve, Stella Niagara, NY, 4421 Lower River Rd. Launch with us at the newly restored Stella Niagara Preserve and learn about Niagara River formation, habitat, and wildlife. Register at http://bnriverkeeper.org/event/kayak-tour-lower-niagara-river-2/?instance_id=253

Friday, July 21

Expo Story Time-Monkey See Monkey Do Bookstore, 9060 Main St., Clarence, for kids. Free.

Ken-Ton Garden Night Lights Tour- Night Lights evening tour from 8:30 to 11 p.m. Maps for the event can be picked up at the Aquatic and Fitness Center, 1 Pool Plaza, Tonawanda. The tour is free and self-guided. The tour will feature over 50 different gardens with many water features and great landscapes. [Registration](#) and more information is available on the event's [website](#).

The Sky's The Limit Kite Festival-The day-long event will feature family friendly activities focusing on all things that fly at Tiff Nature Preserve and Buffalo State Park. 1:00 p.m. – 5:00 p.m. ---Wind, sky and flight themed activities and crafts for kids including kite making, 1:00 p.m. – 4:00 p.m. –Kite flying with the Great Lakes Kitefliers Society (Buffalo Harbor site), 6:45 p.m.-8:45 p.m. – Tethered hot air balloon rides with the Aurora Balloon Company (Buffalo Harbor site), 5:00 p.m.- 8:00 p.m. – Food Trucks will be available to purchase food (Buffalo Harbor site), 9:00 p.m. – Movie night with a screening of “Fly Away Home.” (Buffalo Harbor site). All activities are free to the public who are welcome to bring blankets and chairs and enjoy an entire day of fun. Buffalo Harbor State Park is located at 111 Fuhrman Blvd, Buffalo 14203 and Tiff Nature Preserve is located just across the road at 1200 Fuhrman Blvd, Buffalo 14203. Free parking is available at both locations. For more information see www.sciencebuff.org or www.nysparks.com.

Saturday, July 22

Jewels of the Sky at Billy Wilson Park-10am. On this guided walk, we will search for ebony jewelwings and tiger swallowtails as well as other dragonflies and butterflies that may be in flight. Note: This program will take place at Billy Wilson Park, Amherst. Reinstein Woods Nature Preserve, Depew. Registration required; call (716) 683-5959.

Adult Summer Camp-10:30am to 3:30pm. Spend a day as a kid again! Scoop for animals in the pond, sweep for insects with nets, build forts, play games and more. For adults only. Reinstein Woods Nature Preserve, Depew. Registration required; call (716) 683-5959.

Ken-Ton Garden Tour- Garden tour from 10am to 4 p.m. Maps for the event can be picked up at the Aquatic and Fitness Center, 1 Pool Plaza, Tonawanda. The tour is free and self-guided. The tour will feature over 50 different gardens with many water features and great landscapes. [Registration](#) and more information is available on the event's [website](#).

Ken-Ton Garden Night Lights Tour- Night Lights evening tour from 8:30 to 11 p.m. Maps for the event can be picked up at the Aquatic and Fitness Center, 1 Pool Plaza, Tonawanda. The tour is free and self-guided. The tour will feature over 50 different gardens with many water features and great landscapes. [Registration](#) and more information is available on the event's [website](#).

Bird Banding at Beaver Meadow – 7 to 11am. A unique opportunity! Come observe our volunteers bird banding at Beaver Meadow. Space is limited in 45-minute time slots. Pre-registration is required. (585) 457-3228. Donations gratefully accepted. To learn more ahead of time about bird banding at Beaver Meadow, visit: <http://www.wgrz.com/sports/outdoors/saving-oursongbirds/445475623>.

Summer Evening Hike Series- 6:30 to 8:30pm at West Falls Preserve. Earth Spirit offers this moderately challenging hike through mature forest lands will be focused upon the sights and the sounds of Nature's busy twilight time. See our [website](#) for complete details and registration.

Permaculture of Greater Buffalo Meeting-10 a.m. to noon in a member's backyard, 1000 Brighton Rd., Tonawanda. The group will discuss, build, and fire rocket stoves. This will be the first meetup in a series for rocket stoves, rocket mass heaters and batch boxes. You can also get together after the meeting for lunch at an yet undecided restaurant. [info](#)

West Seneca Garden Walk- 10 a.m. to 4 p.m. Maps will be available at The Charles Burchfield Nature Center, 2001 Union Road, West Seneca, and [Mike Weber Greenhouses](#), 42 French Road, West Seneca. The tour is free and self-guided. More than 30 gardens comprise this 6th-annual urban garden tour. For more info, contact Dave and Sharon Pulinski at 716-824-3995 or send an email to Sharonpulinski@yahoo.com.

Exploring the Night-8 to 9:30pm at [Evangola State Park](#). Join us for a night time walk along the scenic Lake Erie Trail at Evangola State Park. We will search for nocturnal creatures, listen to the twilight sounds, and enjoy the stars above. For information and registration call (716) 549-1050.

Kayak Tour: Living Shorelines and Birding-9:00 AM – 11:30 AM at Hyde Park Lake, Niagara Falls, 3200 Pine Ave. The Niagara River Corridor is a Globally Significant Important Bird Area that is host to 35 different waterfowl species, 19 different gull species, and hundreds of thousands of migrating birds each year. Join us at Hyde Park Lake to learn about the local bird species, their habitat, and more of about the significance of this region of the Great Lakes. Get an up close look at one of our Living Shorelines project sites. Register [here](#)

Monthly Waterway Cleanup-10:00 AM – 12:00 PM. Please join Buffalo Niagara Riverkeeper for our Monthly Waterway Cleanups and help prevent litter from polluting our waterways! Register at [cleanup](#)

3rd Annual Booze and Barks- 6 to 1ppm at Buffalo Distilling Co., 860 Seneca St., Buffalo. Tickets \$10. Proceeds to the SPCA. Live Music from 7-10 starring Mr. Conrad! Caricatures of your dogs and cats -- bring a photo! Special THEMED DRINK to be created and released that night! Tastings of the amazing Buffalo-born spirits from ONE FOOT COCK with free distillery tours! Adoptable pets! Patio space available for your well-behaved pets!

E.B. Green Tour de Force Bike Tour-11 am–2 pm. Travel through the streets of Buffalo and time to discover the indelible mark E. B. Green left on the city of Buffalo. See iconic as well as lesser known buildings to appreciate the genius of the man whose career spanned over 70 years and produced over 200 buildings in Buffalo. This special bike tour is open to riders of all levels and includes 10-12 miles of moderately paced biking. The ride is expected to take at least 2.5 hours. Please bring your helmet and water, plus your bike! [register](#), \$15.

Sunday, July 23

Go Bike Class: Fix a Flat- All classes are held at the GObike Community Workshop (98 Colvin Ave) on Sundays from 6pm-8pm. Pay what you can. Our suggested donation is \$10 and most classes are limited to 10 people. Please RSVP to stacy@gobikebuffalo.org at least TWO days prior to class if you plan to attend.

Gooseneck Hill Waterfowl Sanctuary-Open Sundays July and August 2-5 P.M. Learn to identify 78 different species of waterfowl. Guided tours of all the birds in the beautiful landscaped park. Over 700 flying geese, ducks and swans, baby waterfowl, 78 different species, including over 100 endangered birds. Tour the two largest covered aviaries in the U.S.. Group tours by appointment Monday through Saturday. Admission: Adults \$10, Seniors & Children (under 12) \$7. No pets please! [716-942-6835](tel:716-942-6835), www.gooseneckhillwaterfowlfarm.com, 5067 Townline Road, Delevan, N.Y. 14042

Ken-Ton Garden Tour- Garden tour from 10am to 4 p.m. Maps for the event can be picked up at the Aquatic and Fitness Center, 1 Pool Plaza, Tonawanda. The tour is free and self-guided. The tour will feature over 50 different gardens with many water features and great landscapes. [Registration](#) and more information is available on the event's [website](#).

West Seneca Garden Walk- 10 a.m. to 4 p.m. Maps will be available at The Charles Burchfield Nature Center, 2001 Union Road, West Seneca, and [Mike Weber Greenhouses](#), 42 French Road, West Seneca. The tour is free and self-guided. More than 30 gardens comprise this 6th-annual urban garden tour. For more info, contact Dave and Sharon Pulinski at 716-824-3995 or send an email to Sharonpulinski@yahoo.com.

Bike the Harbor!-5 to 7pm at [Buffalo Harbor State Park](#). Bring your bike and join us for a leisurely-paced bicycle ride along the Outer Harbor trail. We will stop at several points of interest along the way. Bike helmet is required! For information and registration call (716) 282-5154.

Trek Tiff-2 to 3:30pm. Drop in on Sunday afternoon for a guided tour of the Preserve on our beautiful and accessible trails! Please call 716.825.6397 to confirm walk will be taking place. Cost: \$2 donation per person appreciated. All ages welcome.

Day of Compassion-9:00am-4:00pm at ASHA Sanctuary, 2969 Coomer Rd., Newfane. Asha Sanctuary's Day of Compassion is a volunteer event that brings together like-minded people from all walks of life. The event strongly encourages compassion, the spirit of volunteerism, and demonstrates a united action of kindness and mercy for farm animals. The Day of Compassion creates meaningful community relationships and helps to develop contacts among volunteers and organizations. This monthly event gives each of us an opportunity to roll up our sleeves and work together to make a difference for all of the rescued animals at Asha Sanctuary. Volunteers will work on a special project at the sanctuary. Volunteers should wear waterproof high boots, garden gloves, and old, protective clothing. All volunteers will receive a vegan lunch. Volunteers must be 18 years of age to participate. Under 18 is ok if accompanied by an adult. Register online and complete form: <http://www.ashasanctuary.com/volunteer-application.html>

Burchfield's Enchanted Forest-1 to 4pm at Burchfield Art and Nature Center, West Seneca. A free, family event. <http://www.burchfieldnac.org/happenings.html>

Monday, July 24

Slow Roll Buffalo-The season start from 6-8pm. Check the site for location and season's schedule and join hundreds of bikers weekly. <http://slowrollbuffalo.org/schedule/slow-roll-buffalo/>

Tuesday, July 25

Sierra Club Meeting- 7 to 9pm in Room 227, Duns Scotus Hall, Daemen College, 4380 Main St., Amherst, 14226. All welcome.

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

Fairy Houses at Amherst State Park-10am. Create a house to attract nature's fairies. Once you learn how, you can make one anywhere. For children ages 5-10. Note: This program will take place at Amherst State Park. Reinstein Woods Nature Preserve, Depew. Registration required; call (716) 683-5959.

Kayak Tour: Erie Canal/Water Transportation-6:00 PM – 8:30 PM at East Hill Foundation, North Tonawanda , 17 Island St. The spread of exotic and invasive species coincided with the boom in global transportation networks. Come paddle along the Erie Canal and learn how human's effort to increase the efficiency of travel has drastically influenced our history and habitat. Register [here](#)

Wednesday, July 26

Family Nature Hour-6:30pm. Hands-on activities enable families to investigate a different nature topic each session. Note: This program will be held at the Julia Boyer Reinstein Library, 1030 Losson Road, Cheektowaga. Contact the library at 716-668-4991 to register.

Educator Workshop: Aquatic Wild-9am to noon. This interactive, hands-on workshop provides K-12 educators with an interdisciplinary curriculum that focuses on aquatic wildlife and ecosystems. Participants receive a curriculum guide full of activities that are correlated to the Next Generation Science Standards (NGSS) and Common Core State Standards - English Language Arts. For educators of students in grades K-12. Reinstein Woods Nature Preserve, Depew. Registration required; call (716) 683-5959.

Bird Walk for Kids-6:30pm. Take a walk to look for birds by the ponds and in the woods. Parent or caregiver must accompany child. For children ages 8-12. Reinstein Woods Nature Preserve, Depew. Registration required; call (716) 683-5959.

Volunteer Open House at Beaver Meadow – 9 to 11:30am. Learn more about volunteering for Buffalo Audubon and participate in some outdoor work around the preserve. Pre-registration required. (585) 457-3228.

Walking on Wednesdays-12:10-12:40pm at Kaminski Park, Elm and Carlton St. Free. Sponsored by Buffalo Niagara Medical Campus. Info at <https://bnmc.org/wow/>

Tift in the Park-6:00pm - 08:00pm. Visit our Tift Table in the Buffalo Harbor State Park for hands-on crafts and discovery every Wednesday before Family Movie Nights in the Park. Visit www.parks.ny.gov/events for Family Movie Night information. Buffalo Harbor State Park is located just across the road from Tift, at 1111 Fuhrmann Boulevard. Free parking is available at both locations. For more information, call Tift at 716.825.6397 or Buffalo Harbor State Park at 716.822.1207. Ages: All ages welcome.

West Valley Citizen Task Force- For meeting information please visit: <http://westvalleyctf.org/meeting-information/>, 6:30-9pm, Ashford Office Complex, 9030 Route 219, West Valley, NY.

Bike Tour: War of 1812-6:00 PM – 8:30 PM, Lewiston Silo – Lewiston, NY, 115 N Water St. Join us for a free ride from Lewiston up to Fort Niagara, a nearly 300 year old structure! Enjoy views of the Niagara River and learn about the Forts involvement in the War of 1812. Speed: 8-10, Length: 14 miles. Register [here](#)

Growing Connections and Breaking Barriers for Food Security in Western New York - 8:30 AM - 3:30 PM. Join us for a one-day workshop on community food security and gardening. Join us for lunch, a self-guided community garden tours, and a discussion on our efforts with Seed to Supper, a program which addresses the root causes of hunger through providing free vegetable gardening instruction to low-income adults. To view flyer, please [CLICK HERE](#). To RSVP [CLICK HERE](#) or call (716) 652-5400 ext. 177. True Bethel, 907 East Ferry Street, Buffalo, NY 14211

Thursday, July 27

Wellness Walk at Tift Nature Preserve- 10:00am - 12:00pm. Enjoy the fresh air and the sights and sounds of the season with a healthy, guided outdoor walk on our trails! Please call 716.825.6397 to confirm walk will be taking place. \$2 donation per person appreciated.

Family Fish Night-6:00pm - 7:30pm. Borrow our fishing gear and join in a guided fishing experience off our front fishing pier. Limited space and adult supervision is required. Cost: \$8 per child with adult, \$4 additional child with same adult. BMS Members save 10%! Ages: 8+, <http://www.tift.org/tift/events-list-by-week/icalrepeat.detail/2017/07/27/890/-/family-fish-night> for registration.

22nd Annual Thursday Evening Stress Reducer Paddle - Paths, Peaks & Paddles trip open to all on Lake Ontario. We meet out in Wilson at the Wilson Tuscarora State Park (Route 18 East of Niagara Falls) at 6:30pm in the back parking lot. We will either take a paddling trip on either the East or West Branch of Twelve Mile Creek. To top off the evening we paddle out to Lake Ontario and watch a spectacular sunset over Toronto 38 Miles away across the lake. The vibrant colors across the sky and mirrored on the lake is breathtaking. Here you can really appreciate Mother Nature and the beauty she shares with us. All are welcome if you have your own boat (canoe or kayak) there is no charge. If you need to rent one, the cost is only \$30.00 per boat solo or \$40.00 tandem delivered out to Wilson for you, includes paddle(s) and PFD(s). We will bring the rented boat out to you! RESERVATIONS ARE A MUST IF YOU ARE RENTING CALL: 716-213-0350.

Pollinator Buffets -5 to 7pm at Pelion Community Garden, 206 Best St. Invite butterflies, hummingbirds, bees and other pollinators to your garden year round by planting a variety of native perennials. We will demonstrate several conditions you may have in your garden, as well as, suggest specific plants to invite specific pollinators. Pelion Garden is an outdoor learning lab for students at City Honors School. These summer workshops are free to the public, thanks to a sponsorship by Buffalo Niagara Medical Campus.
<https://www.facebook.com/pg/PelionCommunityGarden/events/>

Energy Efficiency Drop-In - Noon to 4pm. [PUSH Green](#) has teamed up with our friends at [ACCESS of WNY](#) to host monthly energy efficiency outreach every 4th Thursday at their offices at 609 Ridge Road in Lackawanna NY. Our energy advocates will be on site to answer all your questions about ways to help your home use less energy, save money and live more comfortably all year long. Want to learn about going solar? We can help with that too! There are programs available for families of every income level - let us help you get started with a free home energy assessment! Call Amani at (716) 332-5901 for more information.

Behind the Scenes Collection Tour: Fins, Furs & Feathers -10am to noon for adults only. Did you know the Museum houses over 700,000 specimens in our collection, or that a significant part of the collection pertains to the Greater Niagara Region? Get behind-the-scenes to see what few have seen and explore our research, special, and teaching collections in themed tours taking place throughout the month. *Tours are approximately 2 hours in length.* Explore our vertebrate zoology collection featuring mounts, skins, bones and jars. \$25 non-members, \$15 BMS members, **Registration deadline:** one week in advance at <http://www.sciencebuff.org/site/events-list-by-week/icalrepeat.detail/2017/07/27/1298/-/behind-the-scenes-collections-tour-adults-only-fins-furs-feathers>

Guided Map Hike Series -6 to 8pm with Buffalo Orienteering. Come out to Chestnut Ridge Park any Thursday from July 6 to July 27. Meet us at the Casino by the main parking lot. We start hiking at 6:00pm, so be prompt. In order to go on any of these hikes, participants must purchase our 2017 Chestnut Ridge map hike map for \$10. It will be available from the hike leader at the beginning of each hike. The same map may be used for all of the 2017 guided map hikes, so a single purchase is necessary. This map will also be useful for individuals while hiking on their own in the park. The guided map hikes will take place on the park trails with a certain amount of off-trail walking to locate some of the 25 map hike controls attached to trees throughout the park. Leader: Rebecca Wightman. Phone: 716-238-3939.

Friday, July 28

News, Brews & Rock 'n Roll -Tom Toles of Pulitzer fame, and [The Outlyers](#) are teaming up once again to play a concert to benefit Investigative Post, Buffalo's nonprofit investigative reporting center. 5:30 to 8 p.m. at The Sportsman's Tavern, 326 Amherst St. Tickets are \$20 and available for purchase on [our website](#).

Friday Night Lights at Aquarium of Niagara - 7 to 10pm. Visit the Aquarium of Niagara after-hours! Join us for fun games, live music, delicious food and a special sea lion show! Then top it all off by watching the fireworks over the Falls from our outdoor deck! Included with regular admission-refreshments will be for sale.

Expo Story Time -Monkey See Monkey Do Bookstore, 9060 Main St., Clarence, for kids. Free.

Saturday, July 29

Scratch and Sniff Walk -10:30am. Discover what Reinstein Woods has to offer your senses of touch and smell during this hands-on hike. Reinstein Woods Nature Preserve, Depew. Registration required; call (716) 683-5959.

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

Christmas in July Bird Count for Kids at Beaver Meadow – 10am to 1pm at Beaver Meadow Audubon Center. Join us for all the fun of the Christmas Bird Count without all the ice and snow! We'll have a fun day of birdwatching filled with games and prizes! Binoculars are provided. Pre-registration is required. Free for kids of all ages. (585) 457-3228.

The Moon, Saturn, and the Summer Constellations-Penn Dixie site at 8pm. Telescopes will focus on The Moon, Jupiter, and Saturn as they traverse the night sky. We'll trace out The Summer Triangle (Vega, Deneb, & Altair) in the East as well as Cassiopeia, Virgo, and Lyra. M57 — the Ring Nebula in Lyra — and the Star Albireo in Cygnus and the summer constellations will also be visible. FREE for members, \$4 for non-members. www.penndixie.org

12th Annual Paddles Up Niagara paddling expo-7:00 AM to 2:00 PM at Beaver Island State Park. There are four tours available. Buffalo Niagara Riverkeeper will offer kayaks to rent on the Late Morning Fun Paddle tour. Prior registration is required if renting a kayak and strongly encouraged for all tours. All participants are required to register individually and must wear a PFD while on the water. Come join in the fun with vendors, product demos, food, beer tent and more! Register for a paddle tour at <http://bnriverkeeper.org/paddlesup/>

Garden Walk Buffalo-10am to 4pm. Maps for the tour can be picked up at the Richmond Summer Senior Center, 337 Summer St.; the Buffalo Seminary, 205 Bidwell Pkwy; First Presbyterian Church, 1 Symphony Circle; and West Side Community Services, 161 Vermont St., Buffalo. The tour is free and self-guided. This is America's largest garden tour with more than 400 residential gardens as well as many community and public gardens. There will be a free shuttle service available throughout the walk. For more info visit their [website](#).

Wild America Nature Festival- 10am to 7pm. Roger Tory Peterson's Wild America Nature Festival at Panama Rocks Scenic Park in Panama, NY. See and shop for nature art made by over 40 talented artists; expand your mind with nationally renowned speakers; taste delicious locally-sourced food in the festival's local food cook-off; meet live animals including hawks and owls; listen to live music; and participate in activities that are fun for all ages. For a limited time you can buy a discount weekend pass at www.WildAmericaFest.com.

The Citizen Scientist-10am to noon at [Evangola State Park](#). Have you ever wondered what it means to be a citizen scientist? Join us for a short hike and discussion about how to get involved in exciting projects like *eBird* and *Habitat Network*. For information and registration call (716) 549-1050.

Guided Walking Tour Around the Japanese Garden in Delaware Park -1:30 or 3:30pm., presented free by Wegmans, held in conjunction with Garden Walk Buffalo. [Click here for details](#).

Sharks in Depth-10:30 to 11:30am at Aquarium of Niagara. Despite being one of the most familiar ocean animals, sharks are greatly misunderstood creatures. Get the facts with us as we dive into their world to discuss how they hunt, what they eat, and whether or not they really are a danger to humans. This hands-on class will leave you with a new appreciation for a top predator of the ocean. \$5/non-members admission not included, members free. <http://www.aquariumofniagara.org/education-programming-at-the-aquarium>

Little Tykes Mini Nature Camp-9:30am - 11:30am. Enjoy a morning of fun and exploration at Tiff Nature Preserve! Nature story-time, crafts, outdoor investigation and more help to foster the nature explorer in your child. Healthy, kid-friendly snacks provided too! Pre-registration required. Cost: \$8 per child with adult, \$4 additional child with same adult. BMS Members save 10%! Ages: 3-5. <http://www.tiff.org/tiff/jevents-list-by-week/icalrepeat.detail/2017/07/29/879/-/little-tykes-mini-nature-camp>

Hands-On History Tour-2:00pm - 03:30pm. Travel centuries back in time as you discover the fascinating history of Tifft Nature Preserve through a guided tour and hands-on indoor workshop. Rain or shine. For ages 18+. \$6 Admission. BMS Members save 10%. Register at <http://www.tifft.org/tifft/events-list-by-week/icalrepeat.detail/2017/07/29/893/-/hands-on-history-tour>

Sunday, July 30

Go Bike Class: Basic Maintenance- All classes are held at the GObike Community Workshop (98 Colvin Ave) on Sundays from 6pm-8pm. Pay what you can. Our suggested donation is \$10 and most classes are limited to 10 people. Please RSVP to stacy@gobikebuffalo.org at least TWO days prior to class if you plan to attend.

Gooseneck Hill Waterfowl Sanctuary-Open Sundays July and August 2-5 P.M. Learn to identify 78 different species of waterfowl. Guided tours of all the birds in the beautiful landscaped park. Over 700 flying geese, ducks and swans, baby waterfowl, 78 different species, including over 100 endangered birds. Tour the two largest covered aviaries in the U.S.. Group tours by appointment Monday through Saturday. Admission: Adults \$10, Seniors & Children (under 12) \$7. No pets please! [716-942-6835](tel:716-942-6835), www.gooseneckhillwaterfowlfarm.com, 5067 Townline Road, Delevan, N.Y. 14042

Wild America Nature Festival- 10am to 5pm. Roger Tory Peterson's Wild America Nature Festival at Panama Rocks Scenic Park in Panama, NY. See and shop for nature art made by over 40 talented artists; expand your mind with nationally renowned speakers; taste delicious locally-sourced food in the festival's local food cook-off; meet live animals including hawks and owls; listen to live music; and participate in activities that are fun for all ages. For a limited time you can buy a discount weekend pass online at www.WildAmericaFest.com.

Garden Walk Buffalo-10am to 4pm. Maps for the tour can be picked up at the Richmond Summer Senior Center, 337 Summer St.; the Buffalo Seminary, 205 Bidwell Pkwy; First Presbyterian Church, 1 Symphony Circle; and West Side Community Services, 161 Vermont St., Buffalo. The tour is free and self-guided. This is America's largest garden tour with more than 400 residential gardens as well as many community and public gardens. There will be a free shuttle service available throughout the walk. For more info visit their [website](#).

Guided Walking Tour Around the Japanese Garden in Delaware Park-1:30 or 3:30pm., presented free by Wegmans, held in conjunction with Garden Walk Buffalo. [Click here for details](#).

Trek Tifft-2 to 3:30pm. Drop in on Sunday afternoon for a guided tour of the Preserve on our beautiful and accessible trails! Please call 716.825.6397 to confirm walk will be taking place. Cost: \$2 donation per person appreciated, All ages welcome.

Monday, July 31

Slow Roll Buffalo-The season start from 6-8pm. Check the site for location and season's schedule and join hundreds of bikers weekly. <http://slowrollbuffalo.org/schedule/slow-roll-buffalo/>

Clean Air Coalition Member Monday - 4pm – 6pm at Clean Air Headquarters - 52 Linwood Ave. Have a few hours the last Monday of the month? Stop by the Clean Air office, meet other folks that care about their neighborhood and help us with mailings, research, turn out calls, or other important work. Give us a call and let us know you plan on stopping by: 716-852-3813.

Tuesday, August 1

Terrarium Demo-A garden talk from 12:15 to 12:45 p.m. Tuesday, Aug. 1 at the Cooperative Extension, 420 E. Main St., Batavia. This is part of a series of monthly garden talks. It is free and no registration is required. Attendees are welcome to bring a lunch to eat.

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

Wednesday, August 2

GBNRTC-PCC Meeting-9:30AM at NFTA Board Room. Public invited to discuss transportation issues. Monthly meeting locations rotate, so you can confirm at 856-2026.

Walking on Wednesdays-12:10-12:40pm at Kaminski Park, Elm and Carlton St. Free. Sponsored by Buffalo Niagara Medical Campus. Info at <https://bnmc.org/wow/>

Tift in the Park-6:00pm - 08:00pm. Visit our Tift Table in the Buffalo Harbor State Park for hands-on crafts and discovery every Wednesday before Family Movie Nights in the Park. Visit www.parks.ny.gov/events for Family Movie Night information. Buffalo Harbor State Park is located just across the road from Tift, at 1111 Fuhrmann Boulevard. Free parking is available at both locations. For more information, call Tift at 716.825.6397 or Buffalo Harbor State Park at 716.822.1207. Ages: All ages welcome.

Thursday, August 3

Wellness Walk at Tift Nature Preserve- 10:00am - 12:00pm. Enjoy the fresh air and the sights and sounds of the season with a healthy, guided outdoor walk on our trails! Please call 716.825.6397 to confirm walk will be taking place. \$2 donation per person appreciated.

22nd Annual Thursday Evening Stress Reducer Paddle- Paths, Peaks & Paddles trip open to all on Lake Ontario. We meet out in Wilson at the Wilson Tuscarora State Park (Route 18 East of Niagara Falls) at 6:30pm in the back parking lot. We will either take a paddling trip on either the East or West Branch of Twelve Mile Creek. To top off the evening we paddle out to Lake Ontario and watch a spectacular sunset over Toronto 38 Miles away across the lake.. All are welcome if you have your own boat (canoe or kayak) there is no charge. If you need to rent one, the cost is only \$30.00 per boat solo or \$40.00 tandem delivered out to Wilson for you, includes paddle(s) and PFD(s). We will bring the rented boat out to you! RESERVATIONS ARE A MUST IF YOU ARE RENTING CALL: 716-213-0350.

1st Thursday Work Evening-4pm at Pelion Community Gardens, 206 Best. St. <https://www.facebook.com/pg/PelionCommunityGarden/events/>

Rain Gardens- 5 to 7pm at Pelion Community Garden, 206 Best St. Learn what plants can work in the conditions of your site--dry? clay? soggy? shady? full sun? There are plants that can thrive in nearly every site. Find out why rain gardens benefit homeowners, reduce pollution and protect our local waterways. Additional information will be available about installing rain barrels; however, they are not required to have a rain garden. <https://www.facebook.com/pg/PelionCommunityGarden/events/>

Friday, August 4

Expo Story Time-Monkey See Monkey Do Bookstore, 9060 Main St., Clarence, for kids. Free.

Tips for the Environment:

- 1. Carton Recycling and Food Packaging Ideas**- Recycling food and beverage cartons provides manufacturers with materials for new containers. Cartons are primarily made from paper, with a thin layer of polyethylene (plastic). Shelf-stable cartons contain a layer of aluminum as well, whereas refrigerated cartons do not. Check out the “sounds” of recycling at [video](#) and learn more at <http://www.recyclecartons.com>. For ideas on reusing onion mesh bags, corks, and plastic bread tags, visit <http://earth911.com/living-well-being/repurpose-food-packaging/>.
- 2. Say no to the Straw**-Restaurants automatically provide drinking straws with many beverages. If you don't need to use a straw, say no and reduce the single use plastic. If you want to act further, , [take the Plastic Free July pledge to make plastic a thing of the past](#). Plastic recycling is limited in terms of the types of plastic and the number of times that materials can be recycled. Learn more at <http://earth911.com/business-policy/how-many-times-recycled/>

The 4 R's – Reduce, Reuse, Recycle and Repair By Lesley Haynes

“Lawn Care and Gardening”

In these busy times many families are electing to stay at home during vacation time. This is a good time to concentrate more time on your gardens. As an avid gardener I find working outside to be good for the mind, body and spirit. It is good exercise and gives me peace of mind as I tend to Mother Nature's gifts to us.

As you plan your garden try to use plants and flowers that are native to the area that you live because they are already adapted to the soil and water conditions, you won't have to use as much fertilizer and water to get them to grow. Also, try to select drought - tolerant plants. Together these varieties can help you limit the amount of watering that you will do this summer. For more information and lists of regional plants, go to plantnative.org. Don't forget to support the local farmers and buy local gardening products if you can. Plants sold in large chain stores are not tended by loving hands and have usually been neglected. Go to a local nursery where the plants did not travel thousands of miles in trucks to get to you.

No Pesticide Pest Prevention: Interplant flowers and herbs for a chemical free organic garden that reduces insects. The **MINT FAMILY:** helps to keep the bugs away with a pleasant, yet bug reducing aroma. **GARLIC:** offends Japanese beetles, vegetable weevils and spider mites. **CELERY:** deters the white moth that lays the eggs that become caterpillars, and then eat your cabbage and broccoli. **MARIGOLDS:** with their strong scent, are a great deterrent to damaging pests. Plant marigold near vegetables like tomatoes, and bugs will go elsewhere. **NASTURTIUMS:** repel whiteflies and squash bugs and will protect your sage if you plant some nearby. **NICOTIANA:** is also known as flowering tobacco and is useful in keeping the pests away from not the garden, but the gardener. These plants repel mosquitoes. In addition, some of the herbs and flowers that deter the pests will also encourage the beneficial insects that plants need to thrive and pollinate. Your garden will have a pleasing natural look. There is no need to resort to commercial herbicides to get rid of weeds awakened by warmer weather. Squirt them with lemon juice or vinegar, or scald them with boiling water. (The toughest weeds may need two applications).

One way to reduce the amount of water you give your lawn is to adjust your lawnmower to cut grass no shorter than three inches. Taller grass encourages deeper roots and shades the soil to reduce moisture loss. It is best to water your lawn or garden before 8 a.m. Watering at night can promote mold and disease. Also, avoid watering on windy days, and break your watering into short segments. Try for one inch of water (including rainfall) per week in the growing season. A manual reel mower saves your share of the fuel that Americans consume each year in cutting their lawns. It provides a little workout every time you use it, and reduces neighborhood noise pollution.

Fifty-four million Americans mow their lawns each weekend. They use 800 million gallons of gasoline annually, producing 5% of the nation's air pollution. With your reel mower, you can keep 80 pounds of CO2 out of the air each year. If you follow some of these suggestions you will help to reduce gas consumption, conserve water, and prevent harmful chemicals from entering the environment while improving the quality of life for yourself and the community.

“Don't forget together we can make a difference.” - lesleyhaynes14@yahoo.com

Ongoing Volunteer Opportunities Available

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

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

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

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

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

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

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

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

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

Buffalo Niagara Riverkeeper- <http://bnriverkeeper.org/get-involved/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@excalibur.org or visit <http://excalibur.org>

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Tift Nature Preserve also needs volunteers for their programs, communications, fund-raising and other events. Call 662-1342 or email tiffriends@yahoo.com.

Additional calendars with local events-

<http://artvoice.com/calendar>

<http://www.citybration.com>

<http://www.buffalospree.com>

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

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

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

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

<http://buffalorising.com>

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

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

Additional local blogs and websites-

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Fix Buffalo- <http://fixbuffalo.blogspot.com/>
Gardening Speakers Bureau <http://gardentalkbuffalo.blogspot.com/p/blog-page.html>
GBNRTC-<http://www.gbnrtc.org/blog/>
Guide to Urban Farming- <http://smallfarms.cornell.edu/resources/>
Healthy Kids/Healthy Communities- <http://hkhcbuffalo.blogspot.com/>
Learning Sustainability Campaign- <http://www.learningsustainability.com/>
Parks and Trails NY Trailfinder Site- <http://www.ptny.org/trailfinder/Default.aspx>
Reuse Action-<http://reuseaction.com/blog/>
Rochester Environment- <http://www.rochesterenvironment.com/>
WNY Enviro- <http://groups.yahoo.com/group/WNY-ENVIRO/>
Outdoors Niagara- <http://www.outdoorsniagara.com/>
Environmental Tips- <http://www.globalstewards.org/ecotips.htm>
Good Neighborhood- <http://thegoodneighborhood.com/>
Buffalo Architecture and History- <http://www.buffaloah.com/>
Richardson-Olmsted <http://www.richardson-olmsted.com/>
Times Beach Nature Preserve- www.facebook.com/pages/Friends-of-Times-Beach-Nature-Preserve/283210257029
All about Nature- <http://www.meetup.com/All-About-Nature-in-WNY/>
Black Dog Rescue- www.blackdogsecondchance.org
Peace Weavers- <http://peaceweavers.org/>
Eco-Island Nature Center- www.k12.ginet.org/resources.cfm?subpage=6518
NY Sport Fishing- <http://www.fishny.com/>
Erie Canal Trailway- www.ptny.org/bikecanal
Niagara Watershed Alliance- <http://www.had-e-nuff.com/id6.html>
Rochester Roots-<http://www.rochesterroots.org/>
SOLE of Buffalo- <https://www.facebook.com/pages/SOLE-of-Buffalo/242409525795420>
New York Times Green Energy & Environment-<http://green.blogs.nytimes.com/>
South Buffalo CREW- <http://www.southbuffalocrew.com/>
U Save Buffalo/Recycling- <http://www.facebook.com/USaveBuffalo>
We Love Outdoors-<http://www.weloveoutdoors.com/>
WNY Chapter/American Chemical Society- <http://wny.sites.acs.org/>
Fishing Outdoors- <http://www.huntnyoutdoors.com/events.php>
WGRZ Outdoors- <http://www.wgrz.com/local/2-the-outdoors/>
Citizen Science Opportunities- [listing](#)

New York State Resources

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

Green Jobs, Internships and Opportunities

Environmental Internships-<http://environmentalinterns.ncseonline.org/>
Green Jobs- <http://www.greatgreencareers.com> , <http://www.greenjobs.com/>
UB Green Job list- <http://www.ub-careers.buffalo.edu/green.php>
Listing of websites-www.tinyurl.com/SustainabilityAndGreenJobs

Youth Summer/Holiday Camps/Home School Series

www.aquariumofniagara.org
www.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.wnygrantmakers.org/
www.grantstation.com
www.grantwatch.com
www.grantwrangler.com
www.grantsalert.com
<http://www.glrppr.org/funding/>
<https://attra.ncat.org/index.php>

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/>
Busti Cider Mill- www.busticidermill.com
Canticle Farms-<http://www.canticlefarm.org>
Chicken Worth Eating-<http://www.chickenwortheating.com/>
Common Roots Urban Farm- <https://www.facebook.com/CommonRootsUrbanFarm/>
Dirt Rich Farm- <http://www.localharvest.org/dirt-rich-farm-M66269>
Eastern Monarch Butterfly Farm- <https://www.facebook.com/EasternMonarchButterflyFarm>
Erie County Farmers' Markets- <http://www.agriculture.ny.gov/AP/CommunityFarmersMarkets.asp#Erie County>
Falkimmer Farms- <http://falkimmerfarms.com/>
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.first-light-farm.com>
Five Loaves Farm- Kauffman.m@gmail.com
Flavor Farm- www.flavor-farm.com
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
Harvest Patch- <http://www.harvestpatch.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- <http://www.platodalefarm.org/>
Porter Farms- <http://porterfarms.org/>
The Promised Land- <http://www.promisedlandcsa.com/produce.htm>
Queen City Farm- www.queencityfarm.org/
Reigle's on the Ridge- <http://www.localharvest.org/reigles-on-the-ridge-M48650>
Richardson Farms/Grace's Garden- <http://www.localharvest.org/richardson-farms-graces-garden-M51641>
Roots & Wings Family Farm- <http://www.rootsandwingsfamilyfarm.com>
Root Down- www.therootdownfarm.com
Sinemus Farms- <http://www.sinemusfarms.com/>

Singer Farms Naturals-www.singerfarmnaturals.com
Thorpe's Organic Farm- www.thorpesorganicfamilyfarm.com
T-Meadow Farms- <http://tmeadowfarm.com/>
Wilson Street Urban Farm- <http://wilsonstreeturbanfarm.wordpress.com/>
NY Sustainable Agriculture Working Group- <http://www.farmtraveleronline.com/>
NYSAWG Links to Farmers' Markets, CSA, Other farms- <http://www.nysawg.org/directory-of-farms.html>
Local Harvest (resource site)-<http://www.localharvest.org/>
NY Agri-women - <http://www.newyorkagriwomen.com/>
Local Meats- <http://meatsuite.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, Radio Shack, Lowe's
Bicycles- Buffalo Blue Bicycle <http://gobikebuffalo.org/>
Books- www.booksforafrica.org, www.operationpaperback.org
Bottle and jar caps-Weisenbach Recycled Products in Ohio. CapsCando.com.
Bras- www.donateyourbra.com, www.brarecycling.us
Building materials- www.buffaloreuse.org
Carpet- WNY Professional Flooring, 864-3875
Cars- <http://www.donateacar.com/>
Clothing, general-Goodwill, Amvets, Salvation Army, St. Vincent Depaul Society, Ladies of Charity, Goodwill,
Hearts for the Homeless -to see what is accepted <https://www.nysar3.org/page/re-clothe-ny-78.html>
Clothing, formal/business- www.donatemyweddingdress.org/, www.careergear.org, www.dressforsuccess.org
Compact Fluorescent Light Bulbs-Accepted at all Home Depot stores, Lowe's
Computer disks, tapes and misc. techno"trash"- <http://greendisk.com/>
Computer equipment- local Goodwill stores and attended donation centers, Best Buy, SunKing dropoffs
Cell Phones-Buffalo Zoo, Aquarium of Niagara and other charities
Drug disposal best practices and sites- <http://www.dec.ny.gov/chemical/45083.html>,
<http://www.dec.ny.gov/gmk/index.html?url=http://www.dec.ny.gov/maps/gmnysmeddropbox.kmz>
Electronics- www.greenergadgets.org/recycling-responsibly.html, most electronics stores, www.sunking.com
City of Buffalo residents- 1120 Seneca Street, hours and info [here](#); Other residents, check with your towns.
Envelopes, tyvek- < 25: Send to Tyvek Recycle, Attn. Shirley B. Wright, 8401 Fort Darling Road, Richmond, VA 23237. More than 25: call 866/33-TYVEK.
Eyeglasses-Lions Club <http://donateglasses.net/search.html> for sites accepting donations
Fishing line: Berkley Recycling, 1900 18th St., Spirit Lake, IA 51360.
Fur coats (incl faux fur)- <http://coatsforcubs.com> (used for animal rehab for young animals)
Gift cards and customer loyalty cards- <http://www.earthworkssystem.com/consumers.html>
Green Cleaning programs in the workplace-<https://greencleaning.ny.gov/Entry.asp>
Greeting Cards- <http://www.stjudesranch.org/shop/recycled-card-program/>
Hazardous Household materials- <http://www.hazmanusa.com/>
Household Goods (Appliances, Furniture, Kitchenware)-Goodwill, Salvation Army, Ladies of Charity, St. Vincent DePaul Society (Main St.) 882-3600,
Ink cartridges-RecyclePlace.com and most manufacturers
Mattresses- <http://triadrecycle.com/mattress/> Hazman, Buffalo ReUse ReSource
Medicines, expired or unused- http://www.dec.ny.gov/docs/water_pdf/guidance3.pdf
Needles, Syringes etc.- <http://www2.erie.gov/health/index.php?q=needle-disposal-amp-access>
Packaging Materials (bubble wrap, peanuts)-UPS Store
Pharmaceuticals-dropoff sites at [map](#)
Plant pots- Mischler's Florist and Nursery, Lavocats Nursery, Lockwood's Nursery, Lowes stores, Home Depot
Plastic shopping bags, cereal liners, packing pillows-groceries, many retailers, www.plasticfilmrecycling.org
Plastics 1-7- dropoff at Great Lakes Recycling, 22 Mechanic St, North Tonawanda, 716-692-3448

Recycling A to Z - [realsimple](#)

Shoes, athletic-[NikeReuseAShoe.com](#), [Souls4Souls.org](#) and [OneWorldRunning.com](#)

Sports equipment-resell/trade at [www.playitagainsports.com](#)

Styrofoam- Thermal Foams, Inc. accepts clean, white Styrofoam at 2101 Kenmore Avenue, 14207. Please 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](#)

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	http://www.animalswny.org/
Aquarium of Niagara	www.aquariumofniagara.org
Artfarms	http://www.artfarms.org/
Asha Sanctuary for Rescued Farm Animals	http://www.ashasanctuary.com/
AWARE-Assoc. for Wild Animal Rehabilitation & Education	http://www.awarewildlife.com/
Bergen Swamp Preservation Society	http://www.bergenswamp.org/
Bless the Beasts Foundation	http://blessthebeastsinc.webs.com/
Bond Lake Environmental & Beautification Committee	http://www.freewebs.com/bondlake/
Braddock Bay Bird Observatory	http://braddockbaybirdobservatory.wordpress.com/
Buffalo Architecture Foundation	http://www.buffaloarchitecture.org/
Buffalo Audubon Society/Beaver Meadow Nature Center	www.buffaloudubon.org
Buffalo Bike Share	www.buffalobikeshare.org/
Buffalo Niagara Community Reinvestment Coalition	https://www.facebook.com/BNCRC/
Buffalo and Erie County Botanical Gardens	www.buffalogardens.com
Buffalo Farm to School Program	http://buffalofarmtoschool.org/
Buffalo First	www.buffalofirst.org/
Buffalo Geological Society Meetings 7:30pm, first Fri. Oct-April, Parkside Lutheran	www.bgsny.org
Buffalo Green Code	http://www.buffalogreencode.com/
Buffalo Heritage Carousel	http://buffaloheritagecarousel.org/
Buffalo in Bloom	http://www.buffaloinbloom.com
Buffalo Maritime Center	http://www.buffalomaritimecenter.org/
Buffalo Museum of Science	www.sciencebuff.org/
Buffalo Niagara Riverkeeper	www.bnriverkeeper.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/
Citizen Science Community Resources	http://www.airhugger.org/
Clarence Bluebird Trail	www.clarencebluebirdtrail.org
Clean Air Coalition of Western New York	http://www.cacwny.org/
Clean Communities of Western New York	http://www.ccofwny.org/
Coalition of Positively Charged People	https://www.coalitionpositive.org/
Community Action Organization of Erie County	http://www.caoec.org/
Community Foundation for Greater Buffalo	http://www.cfgb.org/
Cornell Cooperative Extension for Cattaraugus County	http://chautauqua.cce.cornell.edu/
Cornell Cooperative Extension for Erie County	http://counties.cce.cornell.edu/erie/
Cornell Cooperative Extension for Niagara County	http://counties.cce.cornell.edu/niagara/

Daemen College Center for Sustainability	www.daemen.edu/enviro-news
Department of Environmental Conservation (NY State)	www.dec.ny.gov/index.html
Designing to Live Sustainably	http://www.d2lsbuffalo.com/
Earth Spirit Educational Services	www.earthspiritedu.org
Environmental Education Associates	http://environmentaleducation.com/
Environmental Protection Agency Local Office (716) 551-4410	http://www2.epa.gov/aboutepa/epa-region-2
Erie Canal Harbor Development	http://www.eriecanalharbor.com/
Erie County Community College Going Green	http://eccgoinggreen.ecc.edu/index.html
Erie County Conservation Society	http://eccs-club.org/
Erie County Department of Environment and Planning	http://www2.erie.gov/environment/
Erie County Environment Management Council	http://www2.erie.gov/environment/
Erie County Farm Bureau	http://www.ecfarm.com/
Erie County Federation of Sportsmen's Clubs	http://www.eriectyfsc.org/
Erie County Parks and Recreation	http://www.erie.gov/parks
Erie County Soil and Water Conservation	www.ecswcd.org/
Excalibur Leisure Skills	https://www.facebook.com/excaliburleisureskills/
Explore Buffalo	www.explorebuffalo.org
Farm2Curb	https://www.facebook.com/farmtocurb
Fillmore Corridor Neighborhood Coalition	http://www.fcnc-buffalo.org/
First Hand Learning	www.firsthandlearning.org
Food Policy Council of Buffalo & Erie County	http://www2.erie.gov/fpc/
For A Clean Tonawanda Site	www.factsofwny.com/
Foundry	http://thefoundrybuffalo.org/
Friends of the Iroquois National Wildlife Refuge	http://www.friendsofiroquoisnwr.org/

Friends of 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	www.gcv.org
Global Justice Ecology Project	http://globaljusticeecology.org/
Go Bike Buffalo	http://gobikebuffalo.org/
Good Going WNY	www.goodgoingwny.com
Gooseneck Hill Waterfowl Sanctuary	www.gooseneckhillwaterfowlfarm.com
Grassroots Gardens of Buffalo	www.grassrootsgardens.org/
Greater Buffalo-Niagara Regional Transportation Council	www.gbnrtc.org/
Great Lakes Beach Sweep	http://greatlakesbeachsweep.org/
Great Lakes Center at Buffalo State College	http://greatlakescenter.buffalostate.edu/
Great Lakes Experience	http://www.thegreatlakesexperience.org
Green Development Zone	http://greendevelopmentzone.org/
Green Sun Seed Library	www.facebook.com/groups/GreenSunSeedLibrary/
Greenup Jamestown	https://www.greenupjamestown.com/
Greenworks WNY	https://www.facebook.com/Greenworks-Buffalo-Niagara-418537631544691/
Groundwork Buffalo	www.gwbuffalo.org
Habitat for Humanity Buffalo	http://www.habitatbuffalo.org/
HEART Animal Rescue and Adoption	https://www.heartforanimals.org/events.php3
Heart of the City Neighborhoods, Inc.	www.hocn.org
H.O.P.E of WNY	http://bkhopeducation.wixsite.com/hopeducation-network
Innovation Center Buffalo	http://innovationcenterbuffalo.org/

Iroquois National Wildlife Refuge	http://www.fws.gov/refuge/iroquois/
Jamestown Audubon Center & Sanctuary	www.jamestownaudubon.org
Jamestown Community College	http://www.sunycc.edu/sustainability
Jane's Walk-Buffalo	http://janeswalk.org/united-states/buffalo-ny/
Junior Solar Sprint Buffalo	www.jsbuffalo.com
Lake Erie Seaway Trail Center	http://lakeerieseawaytrail.org/
League of Women Voters of Buffalo Niagara	http://www.lwvbn.org/
Learning Sustainability Campaign	http://www.learningsustainability.com/
Local Initiatives Support Corporation	http://www.buffalolisc.org
Massachusetts Avenue Project	http://mass-ave.org/
Matt Urban Human Services Center	http://urbanctr.org/
Messinger Woods Wildlife Care and Education Center, Inc	www.messingerwoods.org
Nannen Arboretum	http://www.nannenarboretum.org/
Nature Conservancy-Central and Western New York Chapter	http://Nature.org/centralwestern
Nature Sanctuary of Western New York	http://nsswny.org/
New York Farm Bureau	http://www.nyfb.org/
New York Flora Association	http://www.nyflora.org/
New York Forest Owner's Association	www.nyfoa.org
New York Interfaith Power and Light	www.newyorkipl.org/
New York League of Conservation Voters	http://www.nylcv.org/
New York Power Authority	www.nypa.gov
New York Public Interest Research Group	http://www.nypirg.org/
New York State Association of Conservation Commissions	http://www.nysaccny.org/index.php

New York State Ornithological Association	http://nybirds.org/index.html
New York State Outdoor Education Association	http://nysoea.org/
New York State Parks	www.nysparks.com
New York State Sea Grant	http://www.seagrantsunysb.edu/
New York State Soil and Water	http://www.nys-soilandwater.org/
New York State Sustainable Agriculture Working Group	http://www.ny-sawg.org/
New York Upstate Chapter of the Green Building Council	http://www.greenupstateny.org/
New York State Wetlands Forum	http://www.wetlandsforum.org
Niagara County Farm Bureau	http://www.niagaracountyfarmbureau.com/
Niagara County Landfill and Recycling	http://www.rethinkyourwaste.com/
Niagara County Parks	http://www.niagaracounty.com/Parks/
Niagara County Soil and Water Conservation District	www.niagaraswcd.com
Niagara Frontier Botanical Society	https://sites.google.com/a/niagarafrontierbotanicalsociety/botanical-society/home/
Niagara Frontier Wildlife Habitat Council	http://www.nfwhc.org/
Niagara Heritage Partnership	http://www.niagaraheritage.org/
Niagara Restoration Council	www.niagararestoration.org/
Niagara River Anglers Association	http://www.niagarariveranglers.com
Niagara River Greenway Commission	www.niagaragreenway.org
Niagara University Sustainability	http://www.niagara.edu/green/
Northeast Organic Farming Association of New York	http://nofany.org
Oakmossed Education	http://oakmossed.com
One Region Forward	http://www.oneregionforward.org/
Open Buffalo	http://www.openbuffalo.org/

Partners for a Livable WNY	https://www.livablewny.org/
Partnership for the Public Good	www.ppgbuffalo.org
Paths, Peaks and Paddles	www.pathspeakspaddles.com
Penn Dixie Paleontological and Outdoor Education Center	www.penndixie.org
Pfeiffer Nature Center (Portville)	www.pfeiffernaturecenter.org
People United for Sustainable Housing	http://www.pushbuffalo.org
Plant WNY	http://www.plantwny.com/
Preservation Buffalo Niagara	http://www.preservationbuffaloniagara.org/
Primate Sanctuary	http://theprimatesanctuary.com
Regional Councils NYS	http://regionalcouncils.ny.gov
Reinstein Woods Nature Preserve	www.dec.ny.gov/education/1837.html
ReNU Niagara	http://www.niagara.edu/renu/
Reptile Adoption, Rehabilitation and Education, Inc. (RARE)	http://rarerehab.org/
Restore our Community Coalition	http://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
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-Bufferalo-Alive-174141769403626/
SPCA serving Erie County	www.yourspca.org

Street Synergy	http://www.streetsynergy.org/
SUNY Fredonia	http://www.fredonia.edu/gogreen/
Sustainability at Buffalo State	http://sustainability.buffalostate.edu/
Sustainable Earth Solutions	www.sustainableearthsolutions.com
Tesla Fest	https://www.teslafest.org/
Tifft Nature Preserve	http://www.tifft.org/tifft/
Tonawanda Creek Watershed Committee	https://tonawandacreek.shutterfly.com/
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.eng.buffalo.edu/esw
UB Environmental Network	https://www.facebook.com/groups/2239558471/
UB ERIE Program	http://www.erie.buffalo.edu/
UB Office of Sustainability	http://www.buffalo.edu/sustainability.html
UB Regional Institute	http://regional-institute.buffalo.edu/
University Heights Collaborative	http://ourheights.org/
UnwasteNY	http://www.unwasteny.org
Urban Land Institute	http://newyork.uli.org/regional/
Urban Roots	www.urbanroots.org/
US Army Corps of Engineers-Buffalo District	http://www.lrb.usace.army.mil/
US Coast Guard-Boating Safety	http://www.wnyboatsafe.org/
Vision Niagara	http://visionniagara.org/
Voice-Buffalo	http://www.voice-buffalo.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 Herpetological Society	http://www.wnyherpsociety.org/
Western New York Hiking Trails and resources	www.wnyhikes.com
Western New York Land Conservancy	http://www.wnylc.org/
WNY Nursery and Landscape Association (PLANT WNY)	http://www.plantwny.com/
WNY Partnership for Invasive Species Mgmt (PRISM)	www.wnyprism.org
WNY Mountain Bike Association	http://www.wnymba.org
WNY Permaculture	https://www.facebook.com/WNY-Permaculture-1098493876841295/
Western New York Science Congress	http://wnysc.org/
Western New York Service Learning Coalition	http://levesqueinstitute.niagara.edu/programs/wnyslc/
Western New York Soil Health Alliance	www.wnysoilhealth.com
WNY STEM	http://wnystem.org/
Western New York Stormwater Coalition	http://www2.erie.gov/environment/
Western New York Sustainable Business Roundtable	http://www.wnysustainablebusiness.org/
Western New York Sustainable Energy Association	https://www.facebook.com/WNYSEA
WNY Peace Center Renewable Energy Task Force	http://wnypeace.org/new/projects.html
West Side Ministries (716 Ministries)	http://www.westsideministries.org/
West Valley Citizen Task Force	www.westvalleyctf.org
Wild Kritters	http://www.wildkritters.com/

Wild Ones, Native Plants and Natural Landscapes

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

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/>