Enviro-News

June 2018

Sponsored by Daemen College's Global & Local Sustainability Program

Newsletter Contents:

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

Articles:

Save the Date: Allegany Nature Pilgrimage

The 60th Annual Allegany Nature Pilgrimage will be **Friday – Sunday June 1- 3, 2018** at Allegany State Park**.** "Walk-ins" are welcome to attend for $25 per day or $45 for the weekend. Children are always $5! (under age 5 are free). There are 121 walks and talks offered throughout the weekend! Visit the Programs page for descriptions and the Leaders page for bios on our amazing naturalists at http://www.alleganynaturepilgrimage.com/.

Household Hazardous Waste Collections

Erie County residents can drop off household hazardous waste on **Saturday, June 2** from 9am to 2pm at New Era Field, Lot 3 (enter from Abbott Rd), 3978 Abbott Rd., Orchard Park. Please be patient as there will be a wait to be unloaded. For more info on acceptable items, visit www.erie.gov/recycles. Note that latex paint, tires and alkaline batteries are not accepted. City of Buffalo residents may drop off household hazardous waste on **July 7** from 9am to 2pm at BPS 66/North Park Middle Academy, 780 Parkside Ave., Buffalo. Electronic waste will be accepted at this dropoff. For acceptable items, visit www.buffalorecycles.org

Former EPA Official Interview

Investigative Post Editor Jim Heaney will conduct a live interview with Judith Enck, a former Environmental Protection Agency official at the Theodore Roosevelt Inaugural National Historic Site (641 Delaware Ave., Buffalo) on **Wednesday, June 6** at 7 p.m. Attendance includes this bonus: Free admission to the inaugural site's museum between 6 and 7 p.m., complete with docents to help you make the most of your visit. The museum tells the story of Roosevelt's inauguration in Buffalo and his legacy as president and conservationist. Enck's interview and the museum tour is free to Investigative Post members (anyone who has donated at least $50 in the past year). The cost to non-members is $10. Tickets can be purchased at the door or at investigativepost.org/events.

Wines and Wags

Join the SPCA on **Wednesday, June 6th** from 5:30pm-8:00pm for an evening of food, wine and fun for you and your dog right on the grounds of our shelter located at 300 Harlem Road, West Seneca. Hosted by Kiss 98.5! General Admission- $40 Pre-Sale | $50 At-The-Door with VIP Admission- $75. Attendees must be 21 or older. Dogs are not required, but are welcomed and encouraged! CLICK HERE FOR FULL EVENT DETAILS! Sample delicious food and drinks from area wineries, bakeries, food trucks, breweries, and local restaurants! Browse and shop all of the people and pup-friendly vendors! Take some fun pictures with your furry friend at our photo booth! Bid generously on gift certificates and baskets in an exciting raffle!

Global Warming and a Call to Action: How Ice Foretells the next systemic transformation

RENEW Distinguished Lecture Series presents Sebastian Copeland on **Thursday, June 7**. Copeland will chronicle some of his seminal expedition crossings and share impressions on what it means to spend three months of isolated travel in the most remote polar environments. The talk begins at 3pm at the Marquis Ballroom, Hotel Lafayette, 391 Washington St., Buffalo and is followed by a "fireside chat" hosted by Professor Richard Alley. Please RSVP by June 6 at http://www.buffalo.edu/renew/rsvp.html. Illustrated with award winning photographs, his anecdotes range from close encounters with polar bears, falling through the ice into the frigid Arctic ocean, surviving hurricanes in a tent, and traveling with severe frostbites, broken bones and food shortage. More pointedly, Copeland makes the case that climate transformations taking place in the polar regions foretell global systemic chaos from anthropogenic activities, and their geopolitical consequences.

NY State Outdoors Day

Ever wanted to learn how to fish or set up a tent? How about channeling your inner Robin Hood and shooting an arrow at a target or learning how to kayak without flipping fifteen times? Join us for this free event to learn about lots of outdoor activities! DEC and NYS Parks is offering an Outdoors Day on **June 9, 2018, from 10 AM to 3 PM** at 11 sites across New York State, as part of Governor Cuomo's Adventure NY initiative. This free open house-type event will allow visitors to try out many outdoor recreation activities and learn techniques from DEC and Parks staff. Locally, Reinstein Woods Nature Center in Depew will host activities. https://www.dec.ny.gov/outdoor/113380.html for info.

Windows Preservation Seminar

The Landmark Society and the Cobblestone Museum will host an intensive 4-day historic wood window repair seminar **June 12-15**. A 1-day introductory seminar will also take place on June 16. The seminar will be led by window specialist and author of *The Window Sash Bible*, Steve Jordan. Participants will restore windows from the c.1850 cobblestone one room schoolhouse as the Cobblestone Museum. Complete details and registration will be available soon at www.landmarksociety.org .

Predators at Play

Prepare for close encounters of the wild kind on **Saturday, June 16, 2018** at Hawk Creek Wildlife Center from 11:00am-4:00pm. Stand face-to-face with rare and exotic wildlife from around the globe! Live birds of prey will zoom over the audience during the thrilling "Predators" flying bird show and event guests will enjoy the unique opportunity to participate in the enrichment and training of Hawk Creek's animal ambassadors! Also featured will be rare, behind-the-scenes wild cat feedings, live music, children's activities and exhibits, gift shop, and delicious food. Children will earn a free gift after going on an adventure through the center to meet Hawk Creek's animal ambassadors! Event parking is free and tickets are $12 for adults, $10 for seniors, $8 for children, and $28 for a family pass. Veterans and children 4 and under are free. Tickets can be purchased at the gate or online. Please visit www.hawkcreek.org . No pets please. Event is rain or shine.

"Reinventing Power: America's Renewable Energy Boom"

A free public film screening and panel discussion will be held on **Monday, June 18** from 6-8pm at Daemen College, 4380 Main St., Amherst, Schenck Hall Room 107. Sponsored by Daemen's Global & Local Sustainability Department and the Niagara Chapter of the Sierra Club, the film "Reinventing Power: America's Renewable Energy Boom" takes us across the country to hear directly from the people making our clean energy future achievable. These individuals are working to rebuild what's broken, rethink what's possible, and revitalize communities. These stories are proof that America does not need to choose between keeping our lights on and protecting our communities. Critically, Reinventing Power underscores the notion that we don't have to sacrifice jobs for a clean environment. Trailer is available at: www.sierraclub.org/reinventing-power.

Morty the Corpse Flower Due to Bloom

In July 2014, the Botanical Gardens acquired three *Amorphophallus titanum*corms and one named "Morty" bloomed in August 2014. Morty is ready to bloom again earlier than expected. When Morty bloomed in 2014, the Botanical Gardens saw record attendance of over 10,000 visitors in two weeks. *Amorphophallus titanum,* corpse flower (its common name), is in the arum family and is native to the rainforests of Sumatra, Indonesia. They are famous for their huge blooms and their horrible smell, like rotting flesh, while in bloom. Corpse flowers can bloom every 6-10 years, making it a rare sight to see and smell. It is hard to predict when the plant may be in full bloom but **our best estimate of bloom time would be within six weeks**. Growing quickly, Morty can grow about two to eight inches per day and can reach six to eight feet tall. When it is in full bloom, the flower, and its accompanying stench, lasts only 24-48 hours. During its short bloom, the Botanical Gardens plans to have extended hours.

2018 City of Buffalo Pilot Food Scrap Drop Off Program

Mayor Byron W. Brown announced that the City of Buffalo, in partnership with the Massachusetts Avenue Project, will sponsor a Food Scraps Recycling Pilot Program in the months of June and July. The two-month food scrap collection will be from **June 6 – July 25, 2018** (except July 4th) on Wednesdays from 4-6pm @ M.A.P. Farm Stand on Massachusetts Avenue Park, between Brayton Street and Shields Avenue. Food scraps are a large portion of our waste stream and the ability to process food scraps locally can lead to opportunities to increase recycling rates and allow the City to become cleaner and healthier. The creation of compost, a natural healthy fertilizer, can be useful for our community parks, gardens, and trees, instead of being sent to landfill. Acceptable material includes: vegetable & fruit scraps, coffee grounds, tea bags, cut or dried flowers, nut & egg shells. Unaccepted materials are: meat, chicken, fish, greasy & oily food, dairy, animal waste, litter or bedding, coal or charcoal, coconuts, diseased or insect-infested houseplants, or biodegradable /compostable plastics. Residents can collect and place food scraps within reusable plastic containers such as large yogurt bins, Tupperware containers, commercially available compost pails, milk cartons, or in paper or plastic bags. They are being encouraged to store food scraps for a maximum of one week. For odor reduction, store items within freezer or refrigerator, and add a layer of shredded newspaper to the bottom of the container. All food scraps collected will be transported by the City of Buffalo to the Buffalo River Compost.

2018 Fish Stocking Program

Erie County Soil and Water Conservation District's annual sale of Bass and Minnows to assist landowners with managing fish in their ponds will take orders until **June 18**. **Pick up June 30, 2018 at 10:00 am.** **Order Form**

Urban Ecological Regeneration Training

The Urban Ecological Regeneration Training is a weekend-long intensive field course that will be informative and useful for anyone interested in sustainable landscaping in your yard all the way up to full-scale riparian restoration projects in your city. The course will be offered from **June 22-24** at Silo City in Buffalo. The training begins Friday, June 22nd with a tour of Silo City at 6pm, a screening of a documentary, and a bugs at night event that will run until 10:30. Saturday and Sunday's activities will begin at 8:30am and conclude at 5pm, with a break for lunch during the day. Registration costs cover all activities Friday- Sunday. Cost is $300 and space is limited. For info and registration, visit http://www.lyceumsilo.city/.

Party for the Planet: WNY Earth Day Expo

Our annual WNY Earth Day Expo **"**Party for the Planet" is scheduled for **Saturday, June 23, 2018** from 10AM-3PM at the Buffalo Zoo. Each year approximately 300 children and their families visit the interactive exhibits and learn the message of environmental stewardship. We strive to emphasize that "every day is Earth Day" as families learn from the many exhibiting environmental organizations and take home items and information from the event. The event is free with zoo admission. If you would like to be an exhibitors and/or sponsor, visit www.wnyearthday.org.

Starry Night in the Garden

The Buffalo and Erie County Botanical Gardens will hold Starry Night in the Garden from 6 to 9 p.m. **Wednesday, June 27** at the Botanical Gardens, 2655 South Park Ave., Buffalo. The outdoor concert will feature performances by Mat Kearney, Milck and Rozzi. Doors open at 5:30 p.m. with food and beverage tastings to begin at 6 p.m. Attendees must be 21 or older to receive wine glass and alcohol samples. The event is open to all ages. Cameras are allowed. Outside food and beverages is not allowed. Attendees may bring a lawn chair. The event is outside and will go on rain or shine. Tickets are $50 and $115 for VIP and are available online.

Master Food Preserver Training

Cornell Cooperative Extension of Erie County (CCE) will be offering a 3-day Master Food Preserver workshop on **Tuesday – Thursday, June 26–28, 2018** to be held at PS 93 Southside Elementary School, room 156, 430 Southside Pkwy. in Buffalo. This training is for those who would like to go beyond the basics of home food preservation, either for personal use or to help others learn how to safely preserve food. Participants in the 3-day intensive course receive a comprehensive food preservation note-book. No prior experience in food preservation is required. For those seeking to progress toward obtaining a Master Food Preserver certificate from CCE, a post-test will be given the third day of the workshop. Workshop sessions will run from 8:30 AM – 4:30 PM each day. **Cost for the three-day workshop is $300 and includes lunch each day. Space is limited, so register early.** Advanced registration required no later than June 15th. You can register online by CLICKING HERE.

Brownfield Redevelopment Summit

NYS 3rd Annual Redevelopment Summit: Keys to Successful Brownfield Redevelopment in 2018 and Beyond
Join friends and colleagues at the Center for Creative Land Recycling's NYS 3rd Annual Redevelopment Summit: Keys to Successful Brownfield Redevelopment in 2018 and Beyond on **June 13th/14th** in Albany. For details and to register: http://www.dec.ny.gov/data/der/factsheet/cclrsummit2018.pdf.

Volunteers Needed for Annual "WAVE" Stream and River Monitoring Project

DEC is recruiting participants for the 2018 summer sampling season to help with water quality assessments in streams and rivers as part of the State's Water Assessments by Volunteer Evaluators (WAVE) project. WAVE data collected by volunteers will provide valuable information to help identify healthy stream sites and flag sites with potential water quality concerns. This information is included in federal and state water quality reports and helps determine where restoration or conservation efforts are most needed. All training materials are online so now anyone who can kick over a rock and has access to an online computer can participate! Participants visit stream sites once per year, anytime between July 1 and Sept. 30. Volunteers collect insects and other small organisms from the rocks and rubble on the stream bottom. If six or more of the "Most Wanted" organisms are found, the stream segment is assessed as having no known impacts and fully supporting aquatic life. If mostly "Least Wanted" organisms are found, the stream segment is flagged for further study. Visit the webpages above or send an e-mail to learn more about WAVE.

Cycle the Erie Canal Tour

Join us **July 8-15** for Parks & Trails New York's 20th annual Cycle the Erie Canal tour**.** The tour offers an unparalleled opportunity to experience great cycling while taking in the rich history of the legendary canal that helped transform America. Sign up today to join over 600 cyclists ride across New York this summer along the historic Erie Canal, which is celebrating its 200th birthday this year.

2018 Legacy Cities Preservation Conference in Buffalo

Preservation Buffalo Niagara will be hosting the next Legacy Cities Preservation Conference from **July 11th – 14th, 2018**. This will be the third biennial interdisciplinary convening of preservationists, community developers, economic developers, urban planners, urban policymakers, urban designers, and others. It will be an opportunity to collaborate, share ideas, and devise solutions for creating a more integrated approach to planning for the future of Legacy Cities, bringing historic preservation into urban policymaking, and crafting a 21st century preservation profession that is responsive to the needs and conditions of Legacy Cities and our diverse inhabitants. Check back for more info.

Register for Paddles Up

Join us on **Saturday, July 28th** for the 13th Annual Paddles Up Niagara. Event organizers include: Niagara River Greenway, NYS Parks, Recreation and Historic Preservation, Wear it! New York & the Town of Grand Island. This event provides multiple opportunities to explore the Niagara River via paddlecraft. This event will include food trucks, beer provided by Flying Bison (after you paddle!) and raffles after each event. Waterkeeper Alliance SPLASH Paddles Up Niagara to benefit Buffalo Niagara Waterkeeper will take place at Beaver Island State Park, Grand Island, NY. For more information on the SPLASH Event Series, presented nationally by Toyota, please visit www.splashseries.org. REGISTER HERE

WNY STEAM Conference

Educators and STEAM (science, technology, engineering, art and math) professionals are invited to submit proposals for a 50 minute workshop at the WNY STEAM Conference to be held **August 6** at Daemen College. Workshops will address arts integration, include real world connections and emphasize creativity and design. The conference brings K-12 educators together to learn more about STEAM and discuss best practices. Visit www.edcowny.org/stem for details and the link for online submission. This year's theme is "Building Buffalo and Beyond".

Earth Spirit Expeditions-Guided Wildlife Tours

Join Earth Spirit for one of their upcoming trips for summer or winter 2018. From **August 1-11**, they will lead a program in Wyoming for outdoor enthusiasts and are interested in backpacking adventures, fly fishing and field studies in the Rocky Mountain wilderness. From **August 14-24**, a Yellowstone National Park trip will share the ecological legacy of predation by large megafauna in Yellowstone National Park. There will be moderate hiking, fly fishing, wildlife observation and photography, exploring natural areas, historical sites, and nearby towns. They return to Yellowstone National Park from **December 8-17** for winter, observing wolves, wildlife and predation. Our nation's oldest national park is a place of exceptional beauty in winter and the wildlife viewing and photography is beyond belief. For more info, visit http://earthspiritedu.org/.

Apply for Funds for Clean Air and Alternative Transportation Projects

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

Advocacy for Dragonfly Day in New York State

Groups around New York State are calling for the second Saturday in June to be declared New York State Dragonfly Day. Dragonflies are said to be a "sentinel" species; their presence provides insights into the health and pollution levels of wetland areas. Like mosquitoes, dragonflies lay their eggs in standing water. The resulting larvae (or nymph) can live underwater for up to six years, depending on the species. Dragonfly nymphs have voracious appetites and they eat mosquito larvae. Because dragonfly nymphs molt up to fifteen times before reaching the adult stage, methoprene and other pesticides are particularly deadly to them. Methoprene is one of the chemicals used to keep mosquito larvae from becoming adults and it similarly prevents dragonflies from becoming adults.

The Foundry Offers Hands-on Classes: Build your own Furnishings

Want a new skill? The Foundry, 298 Northampton St. in Buffalo, offers artisan classes including glass blowing, leatherworking, upholstery and woodworking. To check out the full list of classes, click here.

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

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

DEC Conducting River Otter Surveys Throughout New York

River otter (*Lontra canadensis*) surveys are underway throughout New York State. The survey period extends from the beginning of December until the end of March. DEC personnel conduct these surveys by walking along waterbodies looking for any sign of otter including tracks, scat, slides, and otter themselves! The photo shows DEC staff next to otter tracks and slides. The purpose of these surveys is to assess the current status of river otter in New York State, including within the recovery zone where otter were reintroduced in the late 1990s/early 2000s. DEC is also requesting that the public report sightings of river otter, as well as bobcat, fisher, and weasel in Upstate New York and beaver, gray fox, weasel, mink, coyote, and skunk on Long Island and New York City.

Field & Fork Network Receives Funding to Expand

Field & Fork Network has received a $36,508 grant from the United Way of Buffalo & Erie County and the General Mills Foundation as part of their Community Food Systems Grant Program. These funds will bring Field & Fork Network's Fresh Food Fellows curriculum, a multi-faceted educational and outreach program for youth and young adults who want to learn more about the food system and their role in it, to Buffalo's East Side. The Fresh Food Fellows program has two tracks. Track I, for youth ages 12-16, will focus on teaching the full spectrum of the food system from seed to waste, engaging participants as change-makers in their respective neighborhoods and guiding them to claim their voice and place in the food system. Track II will prepare young adults ages 17-24 to participate in the food system in a more entrepreneurial way, enabling them to pursue employment, ownership and entrepreneurship related to fresh and other food options that meet the economic, nutritional and cultural needs of their community.

Want to increase your sustainability practices at Work?

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

New York's Got Fish

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

Right Under Your Feet: Soil and the Climate Crisis

A free resource prepared by the Climate Reality Project helps to educate people on the importance of soil health and impacts of climate change. Access the ebook here

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Electronics Recycling: Collection Events

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

NY-Sun Solar Guidebook and Technical Assistance for Local Governments

NYSERDA launched the NY-Sun Solar Guidebook for Local Governments which includes updates to the NYS Unified Solar Permit and guidance on the New York State fire code, along with other practical info 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 offers in-person trainings for municipal officials statewide and a set of online resources about solar energy.

Downsides to Recycling

"Hazardous chemicals such as bromine, antimony and lead are finding their way into food-contact items and other everyday products because manufacturers are using recycled electrical equipment as a source of black plastic", according to a new study. These chemicals derive from their use as flame retardants and pigments but remain within the products when they reach the end of their useful lives. The growing demand for black plastic coupled with the inefficient sorting of end-of-life electrical equipment is causing contaminated material to be introduced into the recycled product. Because black plastics constitute about 15 per cent of the domestic waste stream, this waste material is not readily recycled owing to the low sensitivity of black pigments to near infrared radiation used in conventional plastic sorting facilities. Read more at University of Plymouth.

Project Sunroof

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

Reuse Action in Action: Source for Reusable Materials

Reuse Action helps deconstruct buildings to return building materials to the supply chain. Check out the video here for their recent work. The store will also take your used furniture, cabinetry or building supplies. Don't send them to the landfill, donate them to Reuse Action. Check out their website atwww.reuseaction.com, call the store at 716-894-3366, or stop by 980 Northampton Street. Profits from sales put people to work!

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

Disposal of batteries creates confusion for many people. Different battery sizes and materials make recycling and/or recharging problematic. For batteries that are marked as rechargeable, they can be recycled at most retail locations that sell them, and retailers are required to provide signage and collection containers in easily accessible locations. Consumers are encouraged to utilize these take-back programs and may recycle up to 10 batteries per day without purchase or as many batteries as purchased from the retailer. Types of rechargeable batteries covered by the NYS Rechargeable Battery Law include Ni-Cd, sealed lead, Li-ion, Ni-MH, any other such dry cell battery capable of being recharged and battery packs containing any of the previously mentioned batteries. You can also check with your municipality or local recycling coordinator to see if any special programs are being offered in your area. Organizations and businesses should work with a company that offers responsible recycling of rechargeable batteries. Generally, these programs allow for the purchase of a box to collect used batteries and then the box can be mailed back to the company for recycling. For non-rechargeable batteries, there is not currently a mandated take-back recycling program. Consumers can inquire with their local municipality or local recycling coordinator to see if any special programs are being offered in their area. Otherwise, non-rechargeable, single-use batteries may be put in your regular household trash and should **not** be taken to drop-off events for hazardous items.

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

New Opportunity to Join the iMapInvasives Certified Trainers Network!

Are you interested in learning more about iMapInvasives which is a statewide effort to combat invasive species? Did you miss the first round of trainings? Now is your chance, register to join us! Each training webinar will last approximately two hours with time for discussion throughout. The training will include a walk-through of the iMapInvasives website, observation database and steps for hosting a training. Webinar registration is limited to create a more inclusive environment. More information can be found at the Certified Trainers Network.

Hemlock Woolly Adelgid Educational Video

The New York State Hemlock Initiative is sharing an educational video to inform the public about their efforts to conserve New York State's hemlock resources in the face of multiple threats, particularly that posed by an invasive pest, the Hemlock Woolly Adelgid. Mortality due to Hemlock Woolly Adelgid (HWA) in New York has increased at an alarming rate recently. For info, visit here. View video at https://www.youtube.com/watch?v=AupnMjYaI0Q.

Free Online Course About Orchids

Longwood Gardens is offering a free online course called "Everything About Orchids." You can join this online course anytime. It is self-paced. Learn through video lectures, discussion forums and opportunities for interaction with the instructors.

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

Climate Change and Spread of Diseases Map

Curious about how climate change is going to affect diseases where you live? Check out *The Revelator*'s new interactive "Climate Gone Viral" map.

Can We Use Gravitational Energy to Generate Electricity?

Energy transformations are becoming commonplace, with hybrid cars converting kinetic energy to stored energy in their battery. Dutch inventor Janjaap Ruijssenaars has built a gravity energy generator that harnesses the force of gravity to produce a new kind of renewable energy. Check it out at https://www.youtube.com/watch?v=E8SLE2Gbj9o

New *Our Farms, Our Future* Podcast Series: Voices in Sustainable Agriculture

From coast to coast, a diverse community of farmers, ranchers, scientists and educators is working to shape a sustainable future for our food system. Listen to the new *Our Farms, Our Future* podcast series and join this community for intimate conversations about the state of agriculture, how we got here and where we're headed. Episode 1 features Missouri farmers and neighbors Emily Wright and Dan Kuebler. They talk about what motivates them to be farmers and to build resilient farming systems, how local food systems can foster community, and the ways that beginning farmers can succeed. Listen to Episodes 1 and 2 now.

Sunscreens-Which ones are Safest?

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

"Bee Gas Stations"

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

A New Invasive Pest: The Spotted Lanternfly

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

Native Fish Species Now Protected

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

The Adventure of a Lifetime

by Jonathan Roth – Earth Spirit Educational Services, Inc.

You'll never forget the first time you hear a wolf howl echo through the wilderness. The haunting, powerful note rings your ears and fills your soul.

Wilderness is a place that humans have feared, avoided, celebrated, and revered throughout history. The early Europeans looked at the wilderness of the "New World" as a place of mystery, demons, and danger. Many didn't understand or recognize the beauty and importance of these wild places, so they sought to tame them, pacify them. Some understood these remote locations and revered them as places of respite and reflection. Among the first Europeans to visit the remote wilderness areas of northern New York for pleasure was a man by the name Francoise-Rene de Chateaubriand. Upon the completion of his five-month winter trip through the forests of New York he concluded: "in vain does the imagination try to roam at large midst [Europe's] cultivated plains…but in this deserted region the soul delights to bury and lose itself amidst boundless forests… to mix and confound…with the wild sublimities of Nature."

Spending time amongst the wild creatures, vast landscapes, and unforgettable sunrises in Yellowstone National Park has been a life changing experience for me. In my life I have been fortunate enough to have spent time is some remote and wild places such as Algonquin Provincial Park, the Adirondack Mountains, Everglades National Park, and more, but my first experience with Yellowstone left me in awe.

Upon crossing through the famous Roosevelt Arch entering the park, one notices the high mountain peaks in the distance and the vast open sagebrush plains around them. The drive into the interior of the park is a windy one as the road snakes through tight crevices and along precipitous drops on its way toward what is referred to as the Serengeti of North America, the Lamar Valley. Earth Spirit's Yellowstone excursions take visitors to this famous land once roamed by Teddy Roosevelt himself as he considered the preservation of other such places in his early years as President. The trips are focused on wildlife watching, photography, and experiential learning, and participants are encouraged to relax and have fun as well. Since the wolf was reintroduced in 1995, the landscape of Yellowstone has changed into a more balanced and healthy place where wildlife of all kinds can be readily observed. With a close connection to the Yellowstone Wolf Project, Earth Spirit's trip leaders can locate wolves and other animals in a way that few are able resulting in a unique experience that can't be duplicated. Though somewhat physical, the trips themselves are not rough ones as participants stay in beautifully furnished cabins just outside of the park's entrance in a town called Silver Gate, MT. Food is divine, the people are wonderful, and the views are breathtaking. This is truly a place where one can bury and lose themselves amidst the boundless forests.

If you are seeking a trip to remember, a trip full of adventure, an experience like none other, please consider joining Earth Spirit on their next Yellowstone Excursion this **August 14-24**. Spots are limited, so please register today by calling (716)941-6267 or by visiting earthspiritedu.org/excursions.

Fall Case Studies in Science Workshop

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

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

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

Teacher's Resources

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

Educational apps for Middle and High School Students

Education apps for Elementary Students

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

DEC's Environmental Education K-12 lesson plans

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

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

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

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

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

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

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

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

Solar Ovens & Design Critiques-In this unit, students design, build, and test solar ovens.

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

Humpback whale activity books- Learn about whales and their migration.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Remember the Rainforest-free resources for K-12 with images of rainforest ecosystems for awareness.

Cornell Webinars -Our free webinar series covers topics like bird-friendly gardens and bird communication.

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

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

PLT Online Professional Development for GreenSchools-6 learning hours of professional development for formal and informal educators.

Green Schools Membership- Free for Teachers, educators, students, and administrators. Access to lots of resources.

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

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

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

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

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

Black bear curriculum - provides of free multimedia resources on black bears for educators and students.

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

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

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

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

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

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

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

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

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

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

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

Bird Sleuth for K-12. Kits and resources for learning more about birds.

Contests and Awards

Conservation X Labs (CXL) is seeking bold ideas for technology solutions to conservation challenges. Aimed specifically at projects teams that are preparing their first prototype, the Con X Tech Prize could provide a $3,500 grant to take your idea from blueprint to reality. CXL is seeking novel and transformative tools to conserve the world's biodiversity and end human-induced species extinctions. We want to put these tools in the hands of natural resource managers and conservation agents around the world. We will support ideas that help decision-makers, consumers, and policy makers understand and act on conservation problems.Funding a working prototype is just the beginning. First round grantees will have the opportunity to enter the prototype of their solution in the second stage of the grant competition, that features **$20,000** in awards. Deadline: **June 30, 2018.**

Marine Science Call for Papers Competition is a competition for high school and college undergraduate students to showcase meaningful research projects related to marine science, marine industry, or marine technology. Deadline: **September 1**.

Grant and Scholarship Opportunities

2018 Downtown Revitalization Initiative & WNY Smart Growth Community Fund Application-The Downtown Revitalization Initiative (DRI) is a comprehensive approach to boosting local economies by transforming communities into vibrant neighborhoods where New Yorkers will want to live, work and raise a family. In its third year, the program will invest $100 million into 10 additional downtown neighborhoods across NY. Deadline: **June 1**.

CCREF Young Investigator Scholarship to bring assistance and attention to emerging young professionals in the field of compost research and to spark interest in the future of the composting industry. The CCREF Young Investigator Scholarship focuses on supporting undergraduate through PhD students from a college or university in the United States. The research project must be ongoing during the term of the grant and be research in the fields of composting and compost use. More specifically, the ideal candidate will have interest in improving the compost process and the application and the utilization of finished compost to increase drought tolerance, soil nutrient content, reducing erosion and water pollution, and increasing carbon storage in soils to combat climate change. Deadline: **June 30, 2018**.

Community Impact Grants-Funding of up to $100,000 is available for not-for-profit community-based organizations to work on projects that address environmental and public health concerns of residents in disproportionately impacted neighborhoods. Projects must address a community's exposure to multiple harms and risks and include a research component that will be used to expand the knowledge of the affected community. DEC01-EJCIG-2017, Deadline: **July 9th, 2018**.

Urban and Community Forestry Grants-The New York State Department of Environmental Conservation is pleased to announce available Environmental Protection Fund funding for grant projects that implement successful tree inventory, community forest management planning, tree planting, tree maintenance, or educational programming projects in New York State. Deadline: **July 12, 2018 at 2PM Eastern Time**.

Regional Economic Development Council (REDC) Consolidated Funding Application open to applicants across the five-county Western New York (WNY) region, which includes Allegany, Cattaraugus, Chautauqua, Erie and Niagara. Deadline: **July 27**.

Water Quality Improvement Project (WQIP) program and the Engineering Planning Grant. Deadline: **July 27**.

Climate Smart Communities Grants-Matching grant, part of the NYS Environmental Protection Fund 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. Deadline: **July 27**.

Professional Women in Pest Management (PWIPM) grants can advance a career in the pest management industry or help to reduce the costs related to education. Grants are a minimum of $1000 and include free registration and additional $1000 towards travel expenses to attend the National Pest Management Association's PestWorld. Deadline: **July 31**.

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

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

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

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

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

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

Youth Pollinator Gardens Grant- up to $200, are available for projects that include educational materials on the vital role pollinators play in nature and youth involvement in planning and planting gardens providing nesting and food sources for pollinators. Youth will learn the importance of providing appropriate food sources, nesting areas, shelter, and practicing sustainable gardening practices for pollinators by planning, planting, and maintaining these pollinator gardens. To apply for a grant, complete an NGC Grant Application, provide detailed information about the project, and submit your request to the NGC Youth Committee Chairman for approval**.**

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Employment and Internship Opportunities

WNY Land Conservancy Stewardship Director- responsible for stewarding the Land Conservancy's 73 properties totaling over 5,600 acres across Western New York. These properties include conservation easements and fee properties, farmland and natural lands, and several publically accessible nature preserves. The Land Conservancy continues to expand its conservation portfolio each year. The Stewardship Director will ensure that the Land Conservancy's conservation easements and fee holdings are monitored, that there are regular communications with the landowners, and that management plans are up-to-date. Immediate need, open until filled.

WNY Peace Center Assistant Director-Approximately 10 hours/week (good room for growth!) at $15/hour. Candidates should be detail oriented, have good communication and computer skills, and a cooperative spirit. Weekend and evening hours are not unusual. (Some college preferred but not required.)

Full Time CCE Erie Taste NY Market Manager, Grand Island, NY-will highlight local NY farm products, and assist in the research, evaluation and documentation of agricultural marketing and agri-tourism strategies. Responsible for the day-to-day planning, coordination, management and supervision of the Erie County Taste NY Marketplace, and for assessing local system needs, trends, marketing, product sourcing, financial management, record keeping and program supervision. Deadline: **June 4, 2018**.

WNY PRISM GIS Assistant with Great Lakes Slender False Brome Working Group-needed for assistance with GIS-based habitat suitability model, which will guide further survey and monitoring efforts. Deadline: **June 10**.

WNY PRISM Assistant with Great Lakes Slender False Brome Working Group-needed for assistance with summer survey and monitoring efforts. Deadline: **June 10**.

Americorps Vista Position with Massachusetts Avenue Project-one year, full-time. Deadline: **June 11**.

Operations Manager Position- will provide administrative direction, management, and coordination for Association operations including assisting the Executive Director with delegated administrative, human resource, business and facilities operations of Cornell Cooperative Extension of Erie County. Deadline: **June 12, 2018**.

Landscape Designer Planner-Buffalo Niagara Waterkeeper. If you have a five-year accredited professional Bachelor of Landscape Architecture degree and are passionate for water resource protection, apply today! Deadline: **June 17, 2018**.

PUSH Buffalo -Landscape Manager Job Opportunity-Fulltime. Knowledge of native plants highly recommended. The PUSH Buffalo Landscape Manager oversees the design and installation of green infrastructure and landscaping installations carried out by PUSH, while also helping to develop new lines of business and overall vision of PUSH's social enterprise landscaping work.

Team Manager- Excelsior Conservation Corps (ECC) is looking for a to supervise seven staff and up to 50 members working on environmental stewardship projects in other parts of the state. The ECC, an AmeriCorps program, trains New York students between the ages of 18 and 25, to work on environmental stewardship projects that protect natural resources on public lands. Optional onsite housing.

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

Clean Air Coalition Internships-The Clean Air Coalition is a grassroots environmental health and justice organization based in Buffalo, New York. All internships include some operations and administrative work. The Clean Air Coalition's internships are ideal for highly motivated individuals looking to deepen and practice their skills engaging community leaders in solving environmental health and justice organizations.

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

Citizen Science

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. Throughout February, representatives from the Roger Tory Peterson Institute (RTPI), Jamestown Community College (JCC) and Chautauqua Watershed Conservancy (CWC) will collaboratively survey a number of sites within our area for the presence of HWA, and they are looking for volunteer 'Citizen Scientists' to contribute to these important efforts. Visit our website for the complete survey

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

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

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

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

Upcoming Community Activities:

Friday, June 1

Silo City Grounded tour-10am. Explore Buffalo tour of the grain elevator complex. The tour meets at Silo City, 120 Silo City Row, Buffalo, NY, 14203. Turn from Ohio Street onto Silo City Row, and enter Silo City through the gate. Ahead on your right will be a small brick office building, where the tour will assemble. Ample parking is available on site. Tickets $15 for regular admission, $5 students. Info and tickets at https://explorebuffalo.org/calendar/

Fun Fridays Mobile Repair at Friends of Night People-4 to 7:30pm at 394 Hudson St., Buffalo. Put your bike mechanic skills to use and come help us help the folks at Friends of Night People!
GObike will be providing on-site bike repairs for those in need.

Saturday, June 2

Exploring the Harbor-10:00am-12:30pm at Times Beach Nature Preserve, Buffalo. A gentle hike focused upon Lake Erie shoreline and swamp forests with an eye on birding and general ecology. $7 Members, $10 Non-members. Please note that **pre-registration is required** for all events! Register online at earthspiritedu.org or call us at (716) 941-6267.

Green and Clean Home Workshop-10:00 am - 12:00 pm at Reinstein Woods Environmental Education Center, Depew NY. Discover simple ways to avoid toxins while making your home and body clean at this interactive workshop. You'll learn simple recipes for home cleaning and personal care products, and even make your own shea butter lip balm and multipurpose disinfectant spray to take home. You also will leave with a list of resources to help you keep toxins out of your home. Materials fee: $7, $5 for Friends of Reinstein Woods members. Registration is required; call (716) 683-5959.

National Trails Day-Length of Gorge Hike-9am to 4pm at Earl W. Brydges Artpark State Park. Come and enjoy the beautiful Niagara Gorge as we hike rim and gorge trails from the mouth of the gorge at Artpark to the American Falls! National Trails Day is an annual event celebrated across the United States. For information go to http://www.americanhiking.org *For hike information and registration call (716) 282-5154.*

Beekeeping Class - Hands-On Hive Inspection-5:00 PM 6:00 PM, $25, Masterson's Nursery, East Aurora. You can read all the books, take all of the classes, and watch all of the YouTube videos, but there's nothing quite like spending some time checking out a beehive with someone who can explain exactly what you're looking at in real life. Join us and a small group of other new beekeepers as we inspect a hive in our apiary. We'll share our tips for good hive inspection etiquette, and talk about what it is we're looking for (and at!) when we open up our hives. Pre-registration is required. Register today so we can save you a seat!

NY State Science Congress- 7am to 4:30pm. University at Buffalo, North Campus Student Union STANYS NY State Science Congress. The Science Teachers Association of NY State (STANYS) New York State Science Congress has a junior division (grades 6-8) and a senior division (grades 9-12). Students may work alone or in a team of up to three participants. Students present their research orally to judges, community observers and other students in a lecture format.

Observatory at Beaver Meadow – Dusk. The Buffalo Astronomical Association will show visitors the illuminated night sky. Open rain or shine. Visitors are invited to bring their own equipment for viewing. Donations gratefully accepted. Drop-in program. www.buffaloaudubon.org

Youth Fishing Derby-Iroquois National Wildlife Refuge, Ringneck Marsh (Oak Orchard Ridge Rd.), Register at 585-948-5445.

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

Dare to Repair Café-10am to 2pm at The Foundry 298 Northampton Street, Buffalo. This is a free event to help individuals repair items that need fixing (no guarantees). For info, www.buffalorecycles.org

Household Hazardous Waste Dropoff- For Erie County residents from 9am to 2pm at New Era Field, Lot 3 (enter from Abbott Rd), 3978 Abbott Rd., Orchard Park. Please be patient as there will be a wait to be unloaded. For more info on acceptable items, visit www.erie.gov/recycles. Note that latex paint, tires and alkaline batteries are not accepted.

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

Building Raised Beds-Grassroots Gardens workshop. 10am to noon at 852 East Delevan, Buffalo. Growing food in the city is easy and safe in raised garden beds. At this free workshop, local gardener Jim Horn will be teaching attendees how to assemble and construct a 4'x8' raised bed out of cedar and pine. This hands-on learning opportunity will also give you a chance to help a brand new community garden build its raised beds! No prior building experience is needed. https://http://www.facebook.com/events/206672586777944/

Garden Clean-Up and Ribbon-Cutting Ceremony-235 Esser Avenue, Community Garden, 9:30 AM - 1:30 PM. Lead gardener Debbie can be contacted directly at 885-2344 ext. 16 or email dlombardo@wsnhs.org with any questions. Bring gloves if you have them; refreshments and snacks will be provided.

Amherst Earth Day Celebration-9am to noon at Williamsville Farmers Market in the Town Hall parking lot.

Liv Cycling Mountain Bike Demo and Group Ride-10am to 1pm. Sprague Brook Park, 9674 Foote Rd., Glenwood 14069. Women only! Bring your mountain bike and shred with some fun, friendly ladies on this no-drop group ride. Bring your mountain bike and shred with some fun, friendly ladies on this no-drop group ride.

Junior Solar Sprint- Buffalo Academy of Science Charter School at 89 Clare Street, Buffalo, NY. It will begin at 9am.

About Boating Safely-8 hr boating course, 8 am to 5pm. For info and registration, visit http://wow.uscgaux.info/pe_class_flyer.php?unit=092-03-02&course=14307

Sunday, June 3

Family Walk at Beaver Meadow – 2pm. Enjoy a guided walk led by one of our naturalists through the Preserve. Donations gratefully accepted. Drop-in program. www.buffaloaudubon.org

Sonyea State Forest, south of Mount Morris in Livingston County. This is a joint trip with the Rochester Mycological Assn & NYFA. We will explore Keshequa Creek with its cliffs and see beautiful large trees. Bring lunch. Leader: Ed Fuchs, 598-1307, edfuchs.nfbs@gmail.com Call or e-mail Ed for meeting place and time.

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

Buffalo Ornithological Field Trip at Iroquois NWR-7:30 AM at the Meadville Rd bridge, just south of Rt 77. Please join the BOS and leader, Celeste Morien, for a field trip at the Iroquois National Wildlife Refuge for localized and specialty breeding birds. This will involve a walk back to the end of the first woods, maybe a .2 miles distance. This will be a carpool tour focusing on nesting Prothonotary Warblers, Purple Martins, Osprey, Acadian Flycatchers along Onondaga Trail, Black Terns at Cayuga Pool, and American Kestrel on Sour Springs Road. Other possible nesting species to observe will be a focus and locations may change accordingly. Ending time will be dependent upon weather and bravado of the group. Please make sure to bring drinks and a snack/lunch as there are no nearby facilities to buy food. Leader: Celeste Morien (Ph: 585-721-8202, E: celeste.morien@gmail.com)

Go Bike Class: Fix a Flat-6:30 to 8pm. It happens to everyone — that pop and the hiss of escaping air. Come get some hands-on instruction and don't let a flat tire ruin your ride ever again! Learn the ins and outs of fixing a flat. Includes hands-on instruction on tube patching and tube and tire removal and re-installation. We will also discuss different types of punctures as well as flat prevention. *All classes take place at the GObike Community Workshop at 98 Colvin Avenue. Cost for classes is $10 and most sessions are limited to 10 people. Please RSVP to stacy@gobikebuffalo.org at least TWO days prior to class if you plan to attend.*

First Sunday of the Month Walks- 10:45am - 11:30am. Franciscan-based 30-45 minute Reflective Walks, Led by Dennis Galucki, Founder, C-SAAHN & IMAGINE Series. All walks begin and end at the Hoyt Lake Marcy Casino area and are FREE.

Niagara River Gorge Hike-2pm at northwest corner of Whirlpool State Park parking lot. NF City Councilman Chris Voccio will lead. One hike proceeds to Devil's Hole and is one hour. A second more difficult hike will follow for two hours.

Reptile Show-Located at 1241 Strad Ave in N. Tonawanda from 10am - 4pm.

Monday, June 4

Slow Roll Buffalo- Meet at 5:30pm at Varsity Theatre 3165 Bailey Ave . https://slowrollbuffalo.org

Bowmansville Garden Club Meeting- 7 p.m. at the Bowmansville Fire Hall, 36 Main St., Bowmansville. Tom Carlucci, a retired supervisor from the Horticulture Department at the Wyoming Correctional Facility will talk about perennials and give other gardening tips. In addition, the garden club members will participate in the club's annual perennial plant exchange. If you are interested in attending and/or joining the Bowmansville Garden Club, please call or email Lynne Lowery at 716-685-8753 or llowery@sprintmail.com.

"Building an Ethical Sustainable Future: From the Poles to Our Homes"- 2:45 p.m., Marquis ballroom of the Hotel at the Lafayette at 391 Washington St., Buffalo. President-Elect of the American Geophysical Union Robin Bell will give a sustainability lecture sponsored by the UB College of Arts and Sciences. To RSVP, contact bac6@buffalo.edu by June 3 with your name, institutional affiliation and information on whether you are a student. Free to the public.

"The Story Collider"- 4 p.m., Marquis ballroom of the Hotel at the Lafayette at 391 Washington St., Buffalo. Shane Hanlon, producer for the science-focused podcast, will lead a science communication workshop sponsored by the UB College of Arts and Sciences. The event discusses compelling ways to share science, including through social media. "The Story Collider," which is nationally known, is dedicated to true, personal stories about science. To RSVP, contact bac6@buffalo.edu by June 3 with your name, institutional affiliation and information on whether you are a student. Free to the public.

Sustainability and Science Communication Social- 5pm, Marquis ballroom of the Hotel at the Lafayette at 391 Washington St., Buffalo. To RSVP, contact bac6@buffalo.edu by June 3 with your name, institutional affiliation and information on whether you are a student. Free to the public.

Tuesday, June 5

Center for the Study of Art, Architecture, History, & Nature (C-SAAHN) Lecture Series-Noon to 1pm at Downtown Buffalo & Erie County Public Library, Ring of Knowledge area (past Fable's Café). Free and open to the public. For speaker and topic, visit http://imaginelifelonglearning.com/lecture-series-late-spring-2018-schedule/

Genesee County Master Gardeners Garden Talk- 12:15 to 12:45 pm. on the first Tuesday of the month at the Cooperative Extension office, 420 E. Main St., Batavia. Take your lunch. The series is free. Registration is not required. Program about a new invasive pest that has been showing up locally – jumping worms .

Campus Cycling Collective Group Ride-5:30-8:30pm. 744 Elmwood Ave., Buffalo. Weekly group rides in the City of Buffalo from May through July. Perfect for riders of every level, this event has something for everyone! From the athletic "A" ride to the family-friendly "Ice Cream Ride," this event offers something for riders of all ages and experience levels! Meet at 5:30; ride at 6 p.m. Helmets are required. All riders must fill out or bring a completed ride waiver every week. Every week, this event offers 4 different routes (split into 5 different groups) to accommodate every rider of varied interests and abilities. All rides finish at Campus Wheelworks, with a social hour to follow.

Tuesday Evening Stress Reducer Paddle on Ellicott Creek-6 to 8:30pm. Come join the guides and instructors of PPP for a paddle for either relaxation, stress relief or just plain FUN. We meet at the store (1000 Ellicott Creek Rd. Tonawanda) at 6:00pm for a paddling trip on Ellicott Creek up and around the big island. All are welcome, if you have your own boat (canoe or kayak), there is no charge.We have 4 Rules that we insist on: No drugs or alcohol on the water, You must wear a PFD properly, You stay with the group, No Electronics (Cell Phones I-Pods). If you need to rent one, the cost for a solo boat is only $25.00 per boat or $35.00 for a tandem. The boat rental includes paddle(s) and PFD(s). https://pathspeakspaddles.com/. RESERVATIONS ARE A MUST IF YOU ARE RENTING CALL: 716-213-0350.

Wednesday, June 6

GBNRTC Monthly Meeting-Public welcome. 9:30 to 11am at NYS Thruway Authority, 455 Cayuga Rd # 800, Cheektowaga, NY 14225 . All are invited to attend Planning and Coordinating Committee (PCC) Meetings to discuss transportation events, planning initiatives, and projects with GBNRTC Member Agencies.

Wines and Wags- 5:30pm-8:00pm for an evening of food, wine and fun for you and your dog right on the grounds of Erie County SPCA shelter located at 300 Harlem Road, West Seneca. Hosted by Kiss 98.5! General Admission- $40 Pre-Sale | $50 At-The-Door, VIP Admission- $75. Attendees must be 21 or older. Dogs are not required, but are welcomed and encouraged! CLICK HERE FOR FULL EVENT DETAILS!

Investigative Post Interview with Judith Enck-7pm at Theodore Roosevelt Inaugural National Historic Site , 641 Delaware Ave, Buffalo, New York 14202. Enck is a former top EPA and state official who has a lot to say about climate change, the assault on environmental regulations and more-talk-than-action involving renewable energy. Attendance includes this bonus: Free admission to the inaugural site's museum between 6 and 7 p.m., complete with docents to help you make the most of your visit. The museum tells the story of Roosevelt's inauguration in Buffalo and his legacy as president and conservationist. Enck's interview and the museum tour is free to Investigative Post members (anyone who has donated at least $50 in the past year). The cost to non-members is $10. Tickets can be purchased at the door or at investigativepost.org/events.

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

Buffalo Bonsai Society Monthly Meeting- 7 p.m. at the Buffalo and Erie County Botanical Gardens administration building, 2655 South Park Ave., Buffalo. Speaker Alan Adair will discuss conifers. Guests are welcome to attend the meetings for free. Annual memberships with the Bonsai Society are $25 for an individual and $30 for a family. More information is available online.

Conquering the Energy Code for Architects and Engineers-9am to 5pm, CE credits available. $75, SUNY Buffalo State, Caudell 127, 1300 Elmwood Avenue, Buffalo. Register. Download the course outline here.

ECC STEM Building Tour & Steelcase Agile Workplace Presentation-8:45 AM 11:00 AM. To keep pace with technology and innovation, organizations must constantly adapt to survive. An agile workplace strategy can help organizations quickly respond to changing conditions, and drive the innovation necessary to stay ahead of the curve. Join us for breakfast and a presentation about the role of modular construction can play in the agile workplace of today and tomorrow, and how to identify the projects and clients that may benefit from this approach. Following the presentation, take a tour of the newly constructed STEM building on Erie Community College's North Campus. The tour will highlight project history and development and provide a first-hand look at the ways the design of this facility achieves those goals. A complimentary full breakfast buffet will be offered during the presentation. This program is free and offers 2 AIA learning units. To register, click here.

Thursday, June 7

American Falls Gorge Trail & 62nd Anniversary of the Schoellkopf Disaster-6 to 8:30pm at Niagara Falls State Park. Learn about the history of Schoellkopf Power Station 3. We will take an elevator ride down to the site to see first-hand what remains of this former complex. After, join us as we hike out along the trail or exit the gorge as you entered, via the elevator. *For information and registration call (716) 282-5154.*

Consolidated Funding Application Workshop-1:30 to 4:00 p.m. at Buffalo State College, Bulger Communication Center, 1300 Elmwood Avenue, Buffalo, NY 14222. *Ticketing is suspended on campus; open parking adjacent to the facility. RSVP Here

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

Thursday evening paddles out on Lake Ontario-6:30 to 9pm. Some evenings we paddle very flat water while other evening we are out playing in the swells and waves. And every Thursday evening ends with a wonderful sunset. Come join the Paths, Peaks & Paddles guides and instructors for our Thursday evening STRESS reducer paddle for relaxation, stress relief or just plain FUN. It beats sitting in front of the tube and definitely beats yard work. We meet out in Wilson at the Wilson Tuscarora State Park (Route 18 East of Niagara Falls) at 6:30pm in the back parking lot. We have 4 Rules that we insist on: No drugs or alcohol on the water, You must wear a PFD properly, You stay with the group, No Electronics (Cell Phones I-Pods). 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.

After-School Escape-4:30 to 5:30pm. Together, kids and their parents or caregivers can enjoy a different, fun, hour-long outdoor activity each week. For children in grades K through 5. No registration required. Reinstein Woods Nature Preserve, 93 Honorine Dr., Depew.

WNY Drilling Defense/Environmental Justice Task Force Meeting- 7 PM at Niagara Branch Library – Downstairs, 280 Porter Ave., Buffalo NY. There is an elevator available. Issue: After a 13 month hiatus, the Bakken Oil Bomb Trains are again traveling the CSX rails in Upstate NY.....and Gov. Cuomo is no longer inspecting the tracks and oil tankers carrying explosive Bakken crude. We need to push Gov. Cuomo to restart of rail and tanker inspections in NY State. Charley Bowman will present an update on the Bakken oil bomb trains.

Global Warming and a Call to Action: How ice foretells the next systemic transformation-RENEW Distinguished Lecture Series presents Sebastian Copeland. His talk begins at 3pm at the Marquis Ballroom, Hotel Lafayette, 391 Washington St., Buffalo and is followed by a “fireside chat” hosted by Professor Richard Alley. Please RSVP by **June 6** at http://www.buffalo.edu/renew/rsvp.html.

Orchard Park Garden Club- 11:30 a.m. at Fox Run, 1 Fox Run Lane, Orchard Park. Sign-ups begin at 11:30 a.m., with refreshments at noon and the program at 12:30 p.m. Memorial scholarship recipients from prior years will give a talk to the membership regarding their college studies and experiences. This presentation appearance is contingent upon the student’s availability.

Science After Hours: Tiny Worlds Inside-6:00pm - 09:00pm. Buffalo Science Museum. Join University at Buffalo's Genome, Environment and Microbiome Community of Excellence for an evening exploring the worlds within us. Peer into cellular depths at microscope stations and listen to inner gurgles with stethoscopes. Featuring performances and artist talks from "Balancing Act." Cost: $16; 10% off for BMS Members, Ages: 21+, Register.

Friday, June 8

Buffalo Astronomical Association Meeting-7:30-10pm at Buffalo State College, Classroom Bldg C 122, Ketchum Hall, 1300 Elmwood.

Local Living Fair-4 to 8 p.m. in the Giving Garden, 150 Pleasant Ave., Hamburg. Small local businesses and farms that support happy and healthy families through food, products and services will gather to share and sell at the annual farmer market set up in the garden.There will be free fun offerings and lots of terrific shopping. This is open to the public. Info

Catillion 2018-6-11:30pm. Hosted by the Buffalo Zoo's Board of Directors, Catillion 2018 is the Zoo's annual fundraiser gala. Proceeds from the evening will benefit the Zoological Society of Buffalo, Inc. Foundation which was created to ensure a strong future for the community's guardian of exotic wildlife. For more information contact Beth (Catillion volunteer) at 716-830-5263.

Saturday, June 9

Buckhorn Island Gull and Tern Colony – 1 to 4pm. Start your weekend with the Birds! Join Naturalist Tom Kerr for a hike to the Ring-billed Gull and Common Tern Colony at the north end of Grand Island. Along the way we'll check out the habitat restoration project led by Buffalo Audubon Society in the park's woodland areas. Meet at the Woods Creek lot on East-West Park Drive. Binoculars are available. Pre-registration is required. Donations are gratefully accepted. Please call 585-457-3228 to register.

Buffalo Free Paper Shredding Event, Clothing Recycling and GoBike Donation-9am to noon at Front Park, 121 Porter Ave, Buffalo. For info, www.buffalorecycles.org

2018 Great Lakes Experience Festival-11am to 5pm at Memorial Park; 59 Lakeshore Drive West, Dunkirk, NY 14048. This festival will focus on the environment and ecology of the Great Lakes and the heritage of our region. There will be family entertainment, environmental exhibitors, food vendors and lots of information about habitat, science, recreation, tourism and fun! Click here for updates.

Sea Lion 5K-9am. Support the Aquarium's rescue marine mammals by running in the Sea Lion 5k! Run or walk along the beautiful landscape of NYS Parks on top of the gorge. Return to free Aquarium admission and an after party complete with snacks and music. The top male and female will win a Sea Lion Encounter, and the top racers in their age groups will receive a painting done by one of our sea lions - Mia, Copper or Kiah! Join the Aquarium and run or walk for your favorite pinniped, whether it's Della, Mia, Stryker, Isabel or all of them, come out and show your support! $25 pre-registration, $30 day of race. Registration: http://SeaLion5K.itsyourrace.com/

Highland Park in Rochester-9am**.** Niagara Frontier Botanical Society field trip. A second visit to this stunning park which is really an arboretum with hundreds of gorgeous trees. Those who visited last year vowed to return. Meet at the Flying J at Darien Lake exit (Rte. 77) of I-90. Bring lunch. Leader: Michael Siuta, 822-2544.

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

Get Outdoors Day-Ever wanted to learn how to fish or set up a tent? How about channeling your inner Robin Hood and shooting an arrow at a target or learning how to kayak without flipping fifteen times? Join us for this free event to learn about lots of outdoor activities! 10am to 3pm. Join Reinstein Woods and the towns of Cheektowaga and Amherst for a day of outdoor fun. Learn a new skill, including archery, camping, birdwatching or geocaching. Kids can enjoy face painting, nature play stations and games. Nature walks, food trucks, and more! No registration required for this free event. For more information, visit reinsteinwoods.org or call 716-683-5959. Reinstein Woods Nature Preserve, 93 Honorine Dr., Depew.

Bond Lake Summer Pond Study-A fun and simple science activity for kids of all ages. Participants should gather at Shelter #1 beside Bond Lake on Lower Mountain Road in Ransomville at about 12:45. This event is sponsored by the Bond Lake Environmental and Beautification Committee. It is free and open to all ages. Come by the parking lot beside Shelter #1 at about 12:45 pm to pick up your equipment. This event will run **from 1 to 3 pm**, but you can come and go as you please. If possible, participants should bring a 2-liter pop bottle and one pantyhose leg to make their own plankton net. If you have an aquarium net at home, please bring it! Heavy rain cancels this event, though sprinkles will not deter us from these activities. Any questions, please call Carol at 694-3488. http://www.freewebs.com/bondlake/apps/photos/album?albumid=15997951

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

DEC Fishing Clinic-9:30am to 1pm. Join Dept. of Environmental Conservation (DEC) and Erie County Federation of Sportsmen Clubs biologists and volunteers for a family day of fishing and fishing education at Tifft's Lake Kirsty. Prizes, exhibits, refreshments and hot dog lunch provided. **Advance registration required** by calling the DEC at 716-851-7010.

Hike & Seek: Sounds of Twilight-7:00pm - 08:30pm at Tifft Nature Preserve. Listen to nature getting ready to rest and awaken at night as we enjoy the sun setting on a guided evening hike. Advanced registration required. Cost: $6 per participant. BMS Members save 10%. Ages: All. Register.

Little Free Libraries Ribbon Cutting-The Buffalo Architecture Foundation welcomes everyone to join us at 11am at 235 Esser St. for our ribbon cutting event, celebrating two years of collaboration between community organizations and design/builders. We'll have it all: books, stories, a (not so little) Little Free Library, drinks and snacks, speeches and more!

Wilson Star Search-Buffalo Astronomical Association event @ 7pm at Kruger Park, Wilson NY, Weather Permitting. http://buffaloastronomy.com/about/meetings/

Learn and Practice Orienteering: Sardinia-10am to 3pm at Sardinia County Forest, 11372 Genesee Rd. East Concord, NY 14055, **$10.** The day starts at 10:00 am with a 60-minute non-competitive training, learning and educational event for any experience level, for walkers or runners, individuals or families, all ages, featuring a practice course and experienced instructors. Questions? Call the Meet Director Linc Blaisdell at (716) 479-9431. $10 fee includes instruction, 5-color park map and entry into one event in the regular meet that follows. Info.

Target Birding-Join the Buffalo Ornithological Society and Joel Strong for 'target birding' - a search for Clay-colored Sparrow. This field trip focuses on one bird, the Clay-colored Sparrow, a close cousin to the Chipping Sparrow. These birds are uncommon in the BOS area but they have been breeding in the fields @ Krull County Park for several years and hopefully will be back again this year! The fields hold other birds like Bobolink, Willow Flycatcher & maybe even Orchard Oriole. Meet @ 7:30 AM at the entrance to the park on Lake Rd (Rte 18) in Olcott / Niagara County just east of Transit Rd (Rte. 78). We will be walking mowed paths in the fields. Plan on a half day trip. Leader: Joel Strong, (727) 519-4043, joelstrong78@yahoo.com

NY Forest Owners Association Trip to Beaver Meadow Audubon-Join us for a presentation followed by a guided tour of Beaver Meadow Wildlife Refuge in North Java starting promptly at 10am. We will be able to use the multi-purpose room to meet and have our lunch after the tour, or we can use an outside picnic area. The Chapter will cover the cost of the $5 per person charge for all members. We find that woods walks are a great "classroom" for us to see and learn how others are manag-ing their forests as well as learn more about flora and fauna that is native to WNY.

Family Safety Fair and Touch-a-Truck event-10 a.m. to 4 p.m., at the Niagara Power Vista and its surrounding grounds. The event will feature a variety of exhibitors as well as a Touch-a-Truck fun which includes many NYPA vehicles used to perform daily tasks at the Niagara Power Project. Children up to age 16 are encouraged to enter the "Build Up to Safety" contest by submitted a project – photo collage, poster or sculpture related to the 2017 theme: Outdoor Safety. The first 300 children will receive a free safety bike light. Parking and admission are free at the Power Vista. Guests can also board the Discover Niagara Shuttle stopping at attractions located between Niagara Falls and Youngstown. The Niagara Power Vista is featured on the Niagara Falls USA Discovery Pass. Turn in your Discovery Pass coupon for a Power Vista gift. For more information, contact the Niagara Project Power Vista at 716-286-6661.

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

About Boating Safely- Boating Safety course from 9am to 5pm in Niagara Falls. Info

Sunday, June 10

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

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

Monday, June 11

Slow Roll Buffalo- Meet at 5:30pm (ride at 6:30) at East Parade Circle, 14211. https://slowrollbuffalo.org

Tuesday, June 12

Center for the Study of Art, Architecture, History, & Nature (C-SAAHN) Lecture Series-Noon to 1pm at Downtown Buffalo & Erie County Public Library, Ring of Knowledge area (past Fable's Café). Free and open to the public. For speaker and topic, visit http://imaginelifelonglearning.com/lecture-series-late-spring-2018-schedule/

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Tuesday Evening Stress Reducer Paddle on Ellicott Creek-6 to 8:30pm. Come join the guides and instructors of PPP for a paddle for either relaxation, stress relief or just plain FUN. We meet at the store (1000 Ellicott Creek Rd. Tonawanda) at 6:00pm for a paddling trip on Ellicott Creek up and around the big island. All are welcome, if you have your own boat (canoe or kayak), there is no charge. No drugs or alcohol on the water, You must wear a PFD properly, You stay with the group, No Electronics (Cell Phones I-Pods). If you need to rent one, the cost for a solo boat is only $25.00 per boat or $35.00 for a tandem. The boat rental includes paddle(s) and PFD(s). https://pathspeakspaddles.com/. RESERVATIONS ARE A MUST IF YOU ARE RENTING- 716-213-0350.

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

SciNights | Wildlife Rescue 101-6:30pm - 08:00pm at Tifft Nature Preserve. Wildlife in distress! What to do? Investigate what you can (and cannot) do to help! *Advance registration required by June 11.* Cost: $12 per participant. BMS Members save 10%. Ages: 18+. Register.

PUSH Community Building Committee (Events) Meeting - 5pm @ 271 Grant St, Buffalo

Kenmore Garden Club Meeting- 10 a.m. in Kenmore United Methodist Church, 32 Landers Rd., Kenmore. Kristy Schmitt, director of education at the Buffalo & Erie County Botanical Gardens, will give a PowerPoint presentation on "The English Plantswomen." It will highlight some of the British visionaries in garden design from Gertrude Jeykll to Beth Chatto, women who contributed so much to gardening.

"Container Gardening" -Ken-Sheriton Garden Club meeting with presentation by David Clark, CNLP, horticulture instructor at the Buffalo & Erie County Botanical Gardens, at 7 p.m. at St. Mark's Lutheran Church, 576 Delaware Rd., Kenmore. Reservations are requested and the fee is $5. For more information or to reserve your seat, contact Donna at (716) 833-8799 or dstierheim@gmail.com.

Wednesday, June 13

Beekeeping Class - Keeping Hives Healthy-6:30-7:30pm at Masterson's Nursery, East Aurora. Keeping your hives healthy requires regular inspections and a bit of preventative maintenance. We'll share the plan we've come up with and implemented here in our own apiary, as well as discuss some common hive diseases and difficulties. Pre-registration is required. Register today so we can save you a seat!

Behind the Scenes Collections Tour-Buffalo Science Museum, adults only. $25. Register at www.sciencebuff.org at least 1 week in advance. 6-8pm. Geology Rocks.

Adult Workshop | Adult Crayon Melt-6:30pm - 08:00pm. Explore the Buffalo Museum of Sciences' collection of ancient Mesopotamian cylinder seals and learn how to make a seal of your own. All materials included. **Cost:** $15; 10% off for BMS Members, **Ages:** 18+. Register.

Earth Spirit Educational Services and Timber Wolves-6 to 7pm. Nannen Arboretum, 28 Parkside Dr., Ellicottville. $5.00. Earth Spirit Educational Services will talk about Timber Wolves utilizing mounts, furs, skulls, and entire skeletons to learn of this wilderness animal and its environment.

"Taking Care of Houseplants"- Alden Garden Club meeting at 7 p.m. at the Alden Community Center, 13116 Main St., Alden. Jeannette Williams is the speaker.

"Making a Kokedama"- Lancaster Garden Club meeting at 7 p.m. in St. John's Lutheran Church hall, 55 Pleasant Ave., Lancaster. Carol Ann Harlos, garden writer, will give a demo/presentation.

WNY Rose Society Meeting-7 to 9pm at St. Stephens-Bethlehem United Church of Christ, 750 Wehrle Drive, Buffalo. Meeting will feature "Preparing for a Rose Show" presented by Steve Styn of WNY Rose Society and "Creating Rose Show Arrangements" by Jane Knoeck of Rochester Rose Society. Guests are welcome to attend monthly meetings. Information about the Rose Society and membership dues is available online.

"Gardening to Protect the Monarch Butterfly"- Youngstown Garden Club meeting at 7 p.m. at the First Presbyterian Church, 100 Church St., Youngstown. Dave O'Donnell is the speaker.

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

WNY Stormwater Coalition Meeting- 2:00pm - 3:30pm, MS4 Host TBD, More details on the WNY Stormwater Coalition page

Buffalo Walks: Literary Corridor –We will start at the Downtown Central Library to learn about the Reading Park planned for the entrance area of the Library and then join us for a walk along the Literary Corridor with Laurie Dean Torrell as our tour guide. Registration at 5:15 PM and the tour will begin at 5:30. RSVP by June 10th, 2018. Reserve spaces online her

Thursday, June 14

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

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

After-School Escape-4:30 to 5:30pm. Together, kids and their parents or caregivers can enjoy a different, fun, hour-long outdoor activity each week. For children in grades K through 5. No registration required. Reinstein Woods Nature Preserve, 93 Honorine Dr., Depew.

Friday, June 15

Nature Photography Day: Capture the Moment – 6 to 8pm. All are welcome, no matter your age or skill level, to this nature safari to capture the beauty of Beaver Meadow. From landscape to close-up we will focus on our own vision of what makes this place special to each of us. Bring your macro, telephoto, and wide-angle lenses as well as your flashes, tripods, digital, film or any other tech you may need to stop time at our beautiful preserve. Let's celebrate Nature! Pre-registration is required. $5. Please call 585-457-3228 to register.

Saturday, June 16

Woods Walk – The 10th Woods Walk to benefit Pfeiffer Nature Center will take place at our Eshelman Property, located at 1420 Yubadam Road in Portville, NY. You can sign up to walk as an individual or you can create a team of up to 10 people – it's only $20 to walk. What's different this year? We're asking you to help fundraise through the Walk. Once you've signed up online – you can create an individual or team fundraising page and ask family, friends and colleagues to sponsor your walk with pledges. Any individual that raises pledge dollars totaling more than $150 will receive a Woods Walk T-Shirt. Any team that raises pledge dollars totaling more than $500 will also receive Woods Walk T-Shirts (Shirts are guaranteed up until May 18 based on pledges). You can send emails right through your fundraising page, share via social media and more! Prizes will be given to top individual fundraisers (based on funds raised) and teams will compete for the overall team trophy!
This event will offer a selection of walks appropriate for the age and health of participants. Free parking will be provided, and participants will have access to water stops, guides and nutritious snacks. All monies raised from this event support the mission of Pfeiffer Nature Center.Sign up today.

Horticulture IV Classes: Backyard Ecology-11am to 1pm at Botanical Gardens, 2655 South Park Ave., Buffalo. The classes will be taught by horticulturist David Clark, who is becoming one of the country's noted garden speakers. These classes are great for beginners or gardeners and landscapers wishing to brush up on their skills. Those who complete each series will be presented with a certificate. The cost for Botanical Gardens members for a full series of five classes is $100 and the cost for individual classes is $22. For non-members, the cost for the series is $120 and the cost for individual classes is $27. Registration and more information can be found online.

Birding by Ear at Beaver Meadow- 8 to 10am. Start your weekend with the birds! Join Naturalist Tom Kerr for a morning birding hike. Many of the birds we saw during spring migration are nesting in our area, but are much harder to spot with the dense foliage of summer. We'll learn how to identify these birds by their calls and songs, and rely more on our ears than our eyes. Each participant will receive an audio CD of warbler songs. Binoculars are available. Pre-registration is required. Meet at Arboretum Parking Lot. $5. Please call 585-457-3228 to register.

Zoar Valley Excursion – 10am to 2pm. Join Naturalist Mark Carra for a long hike into one of the most beautiful valleys in New York State and search out the early blooming flowers growing there. From Point Peter at the top to Valentine Flats below where the main branch of the Cattaraugus Creek meets the South branch. We'll explore the natural history of the flora, fauna as well as the unique history of the humans that lived there. Meet at Springville Tops at 10 am to carpool then hike until 2pm. Bring a bag lunch to eat at the convergence of the creeks. Pre-registration is required. $7. Please call 585-457-3228 to register.

Old Woods Hike – 1 to 3pm. Join Naturalist Tom Kerr for an exploration hike through the Old Growth Forest along the pond at Beaver Meadow. We'll supply field guides, magnifying lenses, and binoculars to help everyone discover something new! Pre-registration is required. $5. Please call 585-457-3228 to register.

Fishing Clinic-10:00am-2:00pm, North Milgrove Lake, Alden (details upon registration). Includes a basic introduction to the equipment (rods, reels and tackly) and techniques focused upon fishing for Largemouth Bass and Northern Pike followed by shoreline fishing on a private lake. Please bring all fishing equipment as well as a lunch and beverages. $10 Members, $15 Non-members. Please note that **pre-registration is required** for all events! Register online at earthspiritedu.org or call us at (716) 941-6267.

Dragons of Knox Farm-2:30 to 4pm. Knox Farm State Park. Did you know there are dragons living in Knox Farm? Join us for a hands-on experience 250 million years in the making as we explore the fascinating lives of Dragonflies and Damselflies. ***For information and registration call (716) 549-1050.***

Crepuscular Hike: Dance of the Firefly-8:30-10:30pm at Knox Farm State Park. With Fireflies to guide our way, set out on a twilight walk to discover a light show unlike any other in the natural world. ***For information and registration call (716) 549-1050.***

Summer Solstice Celebration Featuring the 8th Annual Fairy House Festival-12 to 7pm at Earl W. Brydges Artpark State Park. Visit fairy houses and participate in various fun activities! Talk with state park naturalists at their display on NY State Parks. For information and fees call the Artpark Box Office at (716) 754-4375**.**

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

Full Moon Walk-7:30-9pm at Iroquois National Wildlife Refuge. Meet at Kanyoo Trail. Register @585-948-5445.

Intro to Forest Bathing- 10:30 AM. Discover the latest--and oldest--in health trends. This walk will focus on the sights, sounds and smells of the forest to induce relaxation and ease stress.

Woods Walk: Summer Sounds- 1:00 PM. Join a guided nature walk through the woods to listen for sounds of the season. No registration required. Reinstein Woods Nature Preserve, 93 Honorine Dr., Depew.

Birding 101: Class #6-2:30pm. Which woodpecker am I? Learn how to identify the different woodpeckers found in Reinstein Woods. For adults and children ages 8 and older. Registration required; call 716-683-5959. Reinstein Woods Nature Preserve, 93 Honorine Dr., Depew.

Predators at Play- Hawk Creek Wildlife Center from 11:00am-4:00pm. Stand face-to-face with rare and exotic wildlife from around the globe! Live birds of prey will zoom over the audience during the thrilling "Predators" flying bird show and event guests will enjoy the unique opportunity to participate in the enrichment and training of Hawk Creek's animal ambassadors! Invite dad to bring his camera for a unique early Father's Day experience with amazing photo opportunities! Also featured will be rare, behind-the-scenes wild cat feedings, live music, children's activities and exhibits, gift shop, and delicious food. Children will earn a free gift after going on an adventure through the center to meet Hawk Creek's animal ambassadors! Event parking is free and tickets are $12 for adults, $10 for seniors, $8 for children, and $28 for a family pass. Veterans and children 4 and under are free. Visit www.hawkcreek.org or call 716-652-8646 for info. No pets please. Event is rain or shine.

Buffalo Ornithological Society Field Trip-Meet at 8am at the Beaver Meadow Audubon Center. Leader Tom Kerr, (716) 310-0380, tkerr.buffaloaudubon@gmail.com. Join Beaver Meadow's resident naturalist, Tom Kerr, as he delights our group with the many species of breeding warblers on site. We will enjoy hearing and seeing such sought-after species as Hooded, Mourning and Blue-winged Warblers. Other more regular species include Chestnut-sided, Northern Waterthrush, Black-throated Green and Magnolia. A few years ago the rare back-cross hybrid, Lawrence's Warbler, spent a summer on territory at Beaver Meadow. This half day trip will wrap up around noon. If you wish, bring a picnic lunch to enjoy afterwards at the visitor center.

June Monthly Waterway Cleanup-10:00 am – 12:00 pm. All volunteers are invited to an appreciation party hosted by Labatt USA afterword! Register for a site: https://bnwaterkeeper.org/event/june-monthly-waterway-cleanup/?instance_id=256

Lewiston GardenFest-10 a.m. to 5 p.m. Saturday and Sunday, June 16 and 17 in Lewiston. Pick up maps at the hospitality booths at 411 and 625 Center St. The garden walk is free and self-guided. Center Street will feature booths from area nurseries, landscapers, garden vendors and outdoor suppliers, along with demonstrations by garden professionals. Soil samples will be analyzed and questions be will answered by Master Gardeners and area floral society experts will also be available. Anyone is welcome to enter the container garden contest which will be judged by the public. Prizes will be awarded from local nurseries and businesses. For more information, call 634-2447.

Observatory at Beaver Meadow – Dusk. The Buffalo Astronomical Association will show visitors the illuminated night sky. Open rain or shine. Visitors are invited to bring their own equipment for viewing. Donations gratefully accepted. Drop-in program. www.buffaloaudubon.org

African Hoofstock Day-11am to 3pm at the Buffalo Zoo. Come learn more about our zebra, addax, antelope, gemsbok and celebrate World Giraffe Day. Enjoy watching animal enrichment, keeper talks, and special animal-themed crafts.

Intro to Kayaking-Come out and spend a morning with us learning how to get in and out of your kayak and different paddling strokes. Once you are comfortable with your kayak and paddling strokes we will go for a group paddle for approximately 30 minutes. Your class will be conducted on Ellicott Creek across from our facility. All instructors are New York State Licensed Guides. Class will run from 9:00 am to 12:00 pm. Paths, Peaks and Paddles is located at 1000 Ellicott Creek Road Tonawanda, NY 14150. All equipment is provided. Bring water and a positive mental attitude. We will have you excited about your new found skills in no time! Cost is $55.00. Please call Paths Peaks & Paddles at 716-213-0350 if you have any questions or contact us

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

A Crescent Moon, Jupiter & Venus-9:00pm – 11:30pm at Penn Dixie Fossil Park & Nature Reserve, 4050 North St, Blasdell, NY 14219. The night sky brightens just a few days before solstice with the arrival of the Summer Triangle featuring the stars Vega, Deneb, and Altair. But, the planets are sure to steal the show as Venus, Jupiter, and Saturn will shine brightly in the heavens. Lyra, Cygnus, Aquilla and most of the spring constellations will be visible, as will The Great Globular Cluster, M57 Ring Nebula, M81 spiral galaxy in Ursa Major (Big Dipper). Admission is $4; members FREE. https://penndixie.org/summer-constellations/

Sunday, June 17

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

Lewiston GardenFest-10 a.m. to 5 p.m. Saturday and Sunday, June 16 and 17 in Lewiston. Pick up maps at the hospitality booths at 411 and 625 Center St. The garden walk is free and self-guided. Center Street will feature booths from area nurseries, landscapers, garden vendors and outdoor suppliers, along with demonstrations by garden professionals. Soil samples will be analyzed and questions be will answered by Master Gardeners and area floral society experts will also be available. Anyone is welcome to enter the container garden contest which will be judged by the public. Prizes will be awarded from local nurseries and businesses. For more information, call 634-2447.

Day of Compassion - Volunteer Work Party-11:00am-2:00pm Asha Sanctuary, 2969 Coomer Road, Newfane, New York, 14108. Registration required. Please email tracy@ashasanctuary.com if you plan to attend. Groups limited to 12. 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. 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 for 4 hours. Volunteers should wear waterproof high boots, garden gloves, and old, protective clothing. All volunteers will receive a vegan lunch after the project is completed.

Monday, June 18

Slow Roll Buffalo- Meet at 5:30pm (ride at 6:30) at Brookdale Park, 293 McKinley Parkway . https://slowrollbuffalo.org

"Reinventing Power: America's Renewable Energy Boom"-Film screening and panel discussion free to the public. 6-8pm at Daemen College, 4380 Main St., Amherst, Schenck Hall Room 107. Sponsored by Daemen's Global & Local Sustainability Department and the Niagara Chapter of the Sierra Club. View a trailer at www.sierraclub.org/reinventing-power.

Tuesday, June 19

Toddler Time: Hiding in Plain Sight – 10 to 11:15am. Let's play a game of hide and seek and learn about how animals can blend in to their environment! We'll also make a fawn puppet and eat a yummy snack. Dress for the weather. Pre-registration is required. Ages 2-4. $3. Please call 585-457-3228 to register. Beaver Meadow Audubon Center.

Great Lakes *Phragmites* Collaborative and *Phragmites* Adaptive Management Framework-10am to 2pm training at Tifft Nature Preserve. The workshop will cover general information on PAMF and provide training on PAMF survey and monitoring protocols. The workshop is highly recommended for those of you conducting *Phragmites* removal projects or those of you looking to do so in the future. The training session will include a short field trip to demonstrate protocols, and new PAMF members will receive a PAMF field kit. Please bring a lunch. To sign up or find more information, click here. Please register by June 5 (or check to see if space is available).

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

Center for the Study of Art, Architecture, History, & Nature (C-SAAHN) Lecture Series-Noon to 1pm at Downtown Buffalo & Erie County Public Library, Ring of Knowledge area (past Fable's Café). Free and open to the public. For speaker and topic, visit http://imaginelifelonglearning.com/lecture-series-late-spring-2018-schedule/

Campus Cycling Collective Group Ride-5:30-8:30pm. 744 Elmwood Ave., Buffalo. Weekly group rides in the City of Buffalo from May through July. Perfect for riders of every level, this event has something for everyone! From the athletic "A" ride to the family-friendly "Ice Cream Ride," this event offers something for riders of all ages and experience levels! Meet at 5:30; ride at 6 p.m. Helmets are required. All riders must fill out or bring a completed ride waiver every week. Every week, this event offers 4 different routes (split into 5 different groups) to accommodate every rider of varied interests and abilities. All rides finish at Campus Wheelworks, with a social hour to follow.

Tuesday Evening Stress Reducer Paddle on Ellicott Creek-6 to 8:30pm. Come join the guides and instructors of PPP for a paddle for either relaxation, stress relief or just plain FUN. We meet at the store (1000 Ellicott Creek Rd. Tonawanda) at 6:00pm for a paddling trip on Ellicott Creek up and around the big island. All are welcome, if you have your own boat (canoe or kayak), there is no charge.We have 4 Rules that we insist on: No drugs or alcohol on the water, You must wear a PFD properly, You stay with the group, No Electronics (Cell Phones I-Pods). If you need to rent one, the cost for a solo boat is only $25.00 per boat or $35.00 for a tandem. The boat rental includes paddle(s) and PFD(s). https://pathspeakspaddles.com/. RESERVATIONS ARE A MUST IF YOU ARE RENTING CALL: 716-213-0350.

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

Food Preservation Workshops: Preserving Strawberries-6 to 8pm. The Food Preservation Workshops, led by trained Master Food Preservers, will be a combination of presentations and hands-on group learning experiences. You can sign up for one class or all 6! All course materials are included in the class cost of $20. All classes are limited to 15 participants, and registration is on a first-come-first-serve basis. There must be a minimum of 10 participants for this class to be held. In this workshop participants will learn several ways to preserve these early summer gems by making jam, freezer jam, and freezing.
Click here for more information.

PUSH Community Development Committee Meeting - 6pm @ 271 Grant St, Buffalo

WNY Chapter of American Meteorological Society Meeting-7pm in Room 160, Buffalo State College, 1300 Elmwood Ave, Buffalo. Parking permits given in Lot R-12 INFO@WEATHERMEDIC.COM for info.

Wednesday, June 20

Tifft at Twilight Quest Scavenger Hunt- 6 - 9 p.m., we invite you to form a team and embark on a scavenger hunt through Tifft Nature Preserve's trails and discover the beauty of the Preserve. Explore this treasure on Buffalo's Outer Harbor, and enjoy specialty cocktails and food truck fare! *Event is rain or shine. No refunds.* Adults 21+. Quest teams must consist of 8 people or less. General Admission includes entry into the Quest scavenger hunt and Tifft Nature Preserve. You'll also have access to the Tifft Visitor Center, games, live entertainment and one (1) beverage. Additional drinks are available for purchase. VIP Tickets also includes check-in through the VIP-only admission line for quick entry, private restroom facilities, exclusive access to the newly redesigned outdoor deck, separate bar including one (1) additional beverage and complimentary hors d'oeuvres. VIP with parking includes reserved parking. General Admission: $40 per person, VIP: $70 per person, VIP with Parking: $80 person. Buy now

Senior Stroll-10am. Experience nature at your own pace, and enjoy a leisurely guided walk through the woods. For adults only. Registration required; call 716-683-5959. Reinstein Woods Nature Preserve, 93 Honorine Dr., Depew.

Birdwatching Walk-6:30pm. Take a guided walk to search for seasonal birds. Bring binoculars if you have them. Registration required; call 716-683-5959. Reinstein Woods Nature Preserve, 93 Honorine Dr., Depew.

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

Thursday, June 21

Summer Solstice Ride along the Niagara Gorge-6:30 to 8:30pm at DeVeaux Woods State Park. Let's celebrate the summer solstice with a bicycle ride along the Niagara Scenic Parkway! We'll stop to admire some of the overlook areas and beautiful views of the gorge. You may want to stay after, and watch the sunset! *For information and registration call*
(716) 282-5154.

Behind the Scenes Collections Tour-Buffalo Science Museum, adults only. $25. Register at www.sciencebuff.org at least 1 week in advance. 10am to noon. Knox your average piggy bank.

Free Edible + Medicinal Plant Walk-6 to 7pm at Elma Senior Center, 3007 Bowen Road Elma , NY 14059 Register. Join us as Community Herbalist Sarah Sorci leads this leisurely plant walk on the grounds of the Elma Town Park. Learn how to identify a range of wild local plants that are safely edible and/or medicinal. We will discuss the properties these plants contain and the ways each one has traditionally been used. We will be meeting in the parking lot, rain or shine. If there is a thunderstorm, the reschedule date will be Tuesday June 26th at 6:00 pm.

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

After-School Escape-4:30 to 5:30pm. Together, kids and their parents or caregivers can enjoy a different, fun, hour-long outdoor activity each week. For children in grades K through 5. No registration required. Reinstein Woods Nature Preserve, 93 Honorine Dr., Depew.

Tour: Shea's Seneca-6pm. Join Preservation Buffalo Niagara for this tour. Located near Cazenovia Park, this building was originally built in 1929 by Michael Shea, who also built Shea's Buffalo and the North Park Theater. The project is scheduled to be completed in the summer of 2018 and will feature apartments, a banquet facility, and a number of exciting businesses. Don't miss your opportunity to get a behind-the-scenes look at this South Buffalo landmark before anyone else! Tickets now available!

Summer Solstice Garden Party- Erie County Commission on the Status of Women will hold at 6:30 p.m. at the Western New York Tribute Garden in Isle View Park, 796 E Niagara St., Tonawanda. (Coming from Grand Island, use the first River Road entrance.) The rain date is June 22. The Tribute Garden honors domestic violence victims, survivors and their families. Learn how you can play a role in building awareness and prevention of domestic violence. Light fare will be served. RSVPs are required by **June 15**. Contact Joelle Logue at jblogue@yahoo.com or 716-908-3964.

Friday, June 22

Best of Buffalo Tour-1pm. Join Explore Buffalo for a downtown walking tour of the best of Buffalo architecture and history! The buildings included on this overview tour help to tell the story of Buffalo's rapid rise to prominence, from the opening of the Erie Canal to the 1901 Pan-American Exposition. Buildings seen on this tour were designed by both nationally and locally significant architects, including Louis Sullivan, Richard Upjohn, Louise Bethune, and EB Green. Perfect for both visitors and residents alike, this tour is an excellent introduction to Buffalo's architectural heritage. This is an exterior-only tour; for building interiors, please see our in-depth downtown tours – American Masters, Turn of the Century Treasures, and Downtown Deco. This tour meets at the Western New York Book Arts Center at 468 Washington Street, Buffalo, NY 14203, at the corner of Washington and Mohawk Streets. $15. https://explorebuffalo.org/calendar/

Saturday, June 23

Party for the Planet: WNY Earth Day Family Expo-10am to 3pm. Buffalo Zoo (free with zoo admission). Includes scavenger hunt, prizes. www.wnyearthday.org

Let's Hike the Upper Great Gorge Route Trail!-9 to 11:30am at Niagara Falls State Park
Start out the 1st weekend of summer with a Niagara Gorge hike. You will get to see some of the scenic overlooks of the river as we journey up to the Whirlpool Bridge and back! *For information and registration call (716) 282-5154.*

Early Morning Birding at Tillman WMA – 9 to 11am. Join Naturalist Tom Kerr for a morning birdatching hike through the Tillman Wildlife Management Area. We'll be looking for grassland specialties such as Upland Sandpipers, Grasshopper Sparrows, Bobolinks, and Eastern Meadowlarks. Binoculars are available. Pre-registration is required. Donations gratefully accepted. Please call 585-457-3228 to register.

Buffalo Ornithological Society Field Trip-Seaghan Coleman (716) 435-7753, seaghanc@gmail.com. Meet at 7:30am in the parking lot at 10343 Tillman Road, Clarence. Join Seaghan for a half day walk through the Tillman Wildlife Management Area. 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!

Long Trail Swamp Walk – 3:30 to 5:30pm. At the Northeast end of Beaver Meadow's Long Trail is a wonderful swamp with some of nature's most beautiful treasures. We will be searching out Canada Lilies and Purple Fringed Orchids in bloom among other floral eye-candy. Pre-registration is required. $5. Please call 585-457-3228 to register.

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

Kayak Tour: Buffalo Niagara Waterkeeper – 1 to 3pm. Free, registration required. Trip location, details and registration at https://bnwaterkeeper.org/tours/rivertours/kayak/

Stories in the Woods: Pollinators-10am. Celebrate National Pollinator Week by enjoying a pollinator-themed nature story, followed by a guided walk to look for local pollinators. For children ages 3 to 7. Registration required; call 716-683-5959. Reinstein Woods Nature Preserve, 93 Honorine Dr., Depew.

Backyard Beekeeping-11:30am. Join a local beekeeper to learn tips on how to start your own bee hive. Registration required; call 716-683-5959. Reinstein Woods Nature Preserve, 93 Honorine Dr., Depew.

Wild Edibles Walk-Tifft Nature Preserve. 2 to 3:30pm. Explore the trails for what wild plants are for eating, what are for healing, and what to avoid during this guided workshop. **Advanced registration required. Cost:** $8 per participant. BMS Members save 10%**.** Ages**:** 8+. Register.

West Side Bike Tour-Explore your Olmsted Parks, Parkways and Circles on the West Side while you are on your bike! The West Side Bike Tour is a historical bike tour series presented by Rich Products. Meet at Rich Products, 1 Robert Rich Way, Buffalo, NY 14213. 2:00 p.m. - 4:00 p.m. $10 per cyclist per bike tour BOPC members get 50% discount. *Use coupon code: BOPCMEMBER at checkout. register*

Erie Federation/NYSDEC Free Youth Fishing Clinic-9:30 am - 1:30 pm. Free fishing clinic for kids at the Commissioners Cabin at Chestnut Ridge Park Lake. The public is invited. No license or equipment is necessary. Sponsored by Erie County Federation of Sportsmen's Clubs & NYS Department of Environmental Conservation. ErieCtyFSC.org, ChestnutRidgeConservancy.org

Sunday, June 24

Seneca Traditional Uses of Medicinal and Edible Plants – 1:30 to 3:30pm. Join Marvin "Marty" Jacobs on a journey into the Seneca world of respect and understanding for the plants that grow around us. Marty's gentle style and passionate love for learning about our leafy and fruity brothers and sisters will inspire you. He will give a brief indoor introduction and take you out and around Beaver Meadow to get up close and personal with nature. Pre-registration is required. $5. Please call 585-457-3228 to register.

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

Parkside Garden and Architecture Tour- 10 a.m. to 4 p.m. Tour maps will be available the day of tour at the Hillside Children's Center, 70 Jewett Pkwy., Buffalo. A full-color map and garden directory will be available for $5 on the day of the tour. Guided walking tours, for a fee, starting at the Children's Center will highlight Parkside's diverse architecture, history and folklore.

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

Behind the Scenes at the Buffalo Zoo-1 to 2:30pm. Families with children ages 6 and up. This workshop is an exciting experience that gives you and your family a once-in-a-lifetime chance to go behind closed doors at the Buffalo Zoo! Meet zookeepers as we visit three exhibit areas to learn the daily routine of preparing animal diets, observing behavior, training and more. Register at https://buffalozoo.org/single-experience/wild-workshops/

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

Monday, June 25

Slow Roll Buffalo- Meet at 5:30pm (ride at 6:30) at Masten Park, Best Street. https://slowrollbuffalo.org

Tuesday, June 26

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

Campus Cycling Collective Group Ride-5:30-8:30pm. 744 Elmwood Ave., Buffalo. Perfect for riders of every level, this event has something for everyone! From the athletic "A" ride to the family-friendly "Ice Cream Ride," this event offers something for riders of all ages and experience levels! Meet at 5:30; ride at 6 p.m. Helmets are required. All riders must fill out or bring a completed ride waiver every week. Every week, this event offers 4 different routes (split into 5 different groups) to accommodate riders of varied interests and abilities. All rides finish at Campus Wheelworks, with a social hour to follow.

Tuesday Evening Stress Reducer Paddle on Ellicott Creek-6 to 8:30pm. We meet at the store (1000 Ellicott Creek Rd. Tonawanda) at 6:00pm for a paddling trip on Ellicott Creek up and around the big island. All are welcome, if you have your own boat (canoe or kayak), there is no charge. We have 4 Rules that we insist on: No drugs or alcohol on the water, You must wear a PFD properly, You stay with the group, No Electronics (Cell Phones I-Pods). If you need to rent one, the cost for a solo boat is only $25.00 per boat or $35.00 for a tandem. The boat rental includes paddle(s) and PFD(s). https://pathspeakspaddles.com/. RESERVATIONS ARE A MUST IF YOU ARE RENTING CALL: 716-213-0350.

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

Stroller Strutt-10am. Bring your stroller or wagon and share a sensory exploration of nature with your young child. For children ages 3 and under. Registration required; call 716-683-5959. Reinstein Woods Nature Preserve, 93 Honorine Dr., Depew.

PUSH Energy Democracy Meeting - 6pm @ 271 Grant St, Buffalo

Compressed Natural Gas Gaseous Fuels Training: Maintenance and Parking Garage Modifications-8am to 4:45pm at Try-It Distributing, 4155 Walden Avenue, Lancaster, NY 14086. Register For Free Training and Tours. Join Clean Communities of WNY as we present an excellent educational opportunity brought for the first time to Buffalo and being offered in only 9 other cities in the U.S. Practical, hands-on training focused on application not theory. Opportunity to get questions on fuels, codes, & best practices answered. "Virtual Tours" of leading maintenance facilities from across the USA. In-Person tours of local gaseous fuels maintenance garages. A certificate confirming completion of the training and certifying the number of training hours.

Wednesday, June 27

Purple Martin Public Banding Day- 10 to 11:30am. Meet at Iroquois National Wildlife Refuge Visitor Center. cpzenger@gmail.com. Rain date is June 28.

Wetland Band at Great Baehre Swamp-10:30am. Search for frogs, turtles and birds along the boardwalk and use instruments to recreate the sounds of the swamp. For children ages 3-12. Note: This program takes place at Great Baehre Swamp in Amherst. Registration required; call 716-683-5959. Reinstein Woods Nature Preserve, 93 Honorine Dr., Depew.

Starry Night in the Garden- Buffalo & Erie County Botanical Gardens from 6-9pm at 2655 South Park Ave., Buffalo. The outdoor concert will feature performances by Mat Kearney, Milck and Rozzi. Doors open at 5:30 p.m. with food and beverage tastings to begin at 6 p.m. Attendees must be 21 or older to receive wine glass and alcohol samples. The event is open to all ages. Cameras are allowed. Outside food and beverages is not allowed. Attendees may bring a lawn chair. The event is outside and will go on rain or shine. Tickets are $50 and $115 for VIP and are available online.

West Valley Citizen Task Force Meeting-6:30 – 8:00 p.m. at Ashford Office Complex, 9030 Route 219, West Valley, NY. For meeting information please visit: http://westvalleyctf.org/meeting-information/

Thursday, June 28

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

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

After-School Escape-4:30 to 5:30pm. Together, kids and their parents or caregivers can enjoy a different, fun, hour-long outdoor activity each week. For children in grades K through 5. No registration required. Reinstein Woods Nature Preserve, 93 Honorine Dr., Depew.

Full Moon Walk-8pm. Search for nocturnal animals and seasonal constellations under the first full moon of summer. Registration required; call 716-683-5959. Reinstein Woods Nature Preserve, 93 Honorine Dr., Depew.

Red Wiggler Worm Composting-10:30am. Learn how to make a large indoor or outdoor worm composting system and how to use your compost for plants, gardens and lawns. For adults and children ages 8 and older. Registration required; call 716-683-5959. Reinstein Woods Nature Preserve, 93 Honorine Dr., Depew.

Friday, June 29

International Mud Day! – 1 to 3pm. Mud, mud, glorious mud! Join us at Beaver Meadow to play with and in the mud! We'll be creating mud sculptures, make mud bricks to build with, and roll some logs to see what likes to live in the mud! Dress for the weather and plan to get muddy! Pre-registration required. $5 Non-members; $3 Members. Please call 585-457-3228 to register.

Wine & Cheese Paddle-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 are 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 contact us

Behind the Scenes Collections Tour-Buffalo Science Museum, adults only. $25. Register at www.sciencebuff.org at least 1 week in advance. 2-4pm. Cabinet of Curiosities.

Saturday, June 30

A Dose of the Great Outdoors: Beach Walk -6:30 to 8pm at Wilson Tuscarora State Park. Escape the stress of everyday life and relax with a beach walk. In the last month, how often have you skipped stones, smelled a flower, watched a sunset? Join us on a walk along the shore of Lake Ontario, watch the sunset and skip a rock or two. Relax and enjoy this beautiful park setting. *For information and registration call (716) 282-5154.*

Take a Kid Birding! – 10am to noon. Want to help birds? The best way to help birds is to make sure the next generation cares about them as much as you do. Join us at Beaver Meadow Audubon Center and Take a Kid Birding! We'll provide everything they need to start learning about the birds we share our world with. Pre-registration is required. $5. Please call 585-457-3228 to register.

Empire State Native Pollinator Survey Workshop – 10am to 4pm. New York Natural Heritage Program (NYNHP) is looking for people to make insect observations and/or do scientific surveys to help the Empire State Native Pollinator Survey! This will be a great chance to expand your knowledge about native bees, flies, beetles, and butterflies/moths and spend time outdoors observing them with friends and family. The goal of the Survey is to determine the conservation status of a wide array of native insect pollinators in nonagricultural habitats. They will focus efforts on important at-risk pollinator species that are native to the Northeastern US. By doing surveys and sending in your data, you will allow them to gather much more information on these important organisms and will help them cover a much larger portion of the state. NYNHP is currently working on developing guidance documents that outline ways to contribute to the study, how to perform survey work, and other resources for participants. Check out the website: http://www.nynhp.org/pollinators. To participate in the Survey, please sign-up for a spot in the workshop here (limited to 20 participants): ESNPS Western NY Workshop http://signup.com/go/yxaxrgQ

Aquatic Investigations at the Arboretum! – 1:30-3:30pm. Join us at Beaver Meadow using dipping nets to find the coolest creatures around. Come dressed to get wet, muddy and have loads of fun with the whole family! Pre-registration is required. $5 Non-members; $3 Members. Please call 585-457-3228 to register.

Furman Fen & Houghton Bog- Joint field trip with Niagara Frontier Botanical Society and Nature Sanctuary Society. 8:30am. Meet in the main parking lot at Sprague Brook Park. Bring water boots and drinking water, also lunch for a picnic at Sprague Brook in between visits to the two field trip sites. Leaders: Joanne Schlegel (835-6042) and Jim Landau (email is landaujr@gmail.com)

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

Red Wiggler Worm Composting-10:30am. Learn how to make a large indoor or outdoor worm composting system and how to use your compost for plants, gardens and lawns. For adults and children ages 8 and older. Registration required; call 716-683-5959. Reinstein Woods Nature Preserve, 93 Honorine Dr., Depew.

The Golden Trilobite- 10am – 12pm at Penn Dixie Fossil Park & Nature Reserve, 4050 North St, Blasdell, NY 14219. Don't be fooled — learn about the process of pyritization and the pyritized fossils of Penn Dixie. Tour the site and learn all the best spots to hunt for these golden fossils. Educators will teach you how to find, dig, and identify all the fossil treasures you find. No experience necessary. All ages welcome. Bring your own tools or borrow from our limited supply. No reservations needed. Included with admission or FREE for Penn Dixie members.

Sunday, July 1

Day of Compassion: Volunteer Work Party-9:00am-2:00pm at Asha Sanctuary, 2969 Coomer Road, Newfane, NY, 14108. Registration required. Please email tracy@ashasanctuary.com if you plan to attend. Groups limited to 12. 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. 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 for 4 hours. Volunteers should wear waterproof high boots, garden gloves, and old, protective clothing. All volunteers will receive a vegan lunch after the project is completed.

Monday, July 2

Slow Roll Buffalo- Meet at 5:30pm (ride at 6:30) at The Freedom Wall East Ferry Street & Michigan Avenue . https://slowrollbuffalo.org

Tuesday, July 3

Campus Cycling Collective Group Ride-5:30-8:30pm. 744 Elmwood Ave., Buffalo. Weekly group rides in the City of Buffalo from May through July. Perfect for riders of every level, this event has something for everyone! From the athletic "A" ride to the family-friendly "Ice Cream Ride," this event offers something for riders of all ages and experience levels! Meet at 5:30; ride at 6 p.m. Helmets are required. All riders must fill out or bring a completed ride waiver every week. Every week, this event offers 4 different routes (split into 5 different groups) to accommodate every rider of varied interests and abilities. All rides finish at Campus Wheelworks, with a social hour to follow.

Tuesday Evening Stress Reducer Paddle on Ellicott Creek-6 to 8:30pm. Come join the guides and instructors of PPP for a paddle for either relaxation, stress relief or just plain FUN. We meet at the store (1000 Ellicott Creek Rd. Tonawanda) at 6:00pm for a paddling trip on Ellicott Creek up and around the big island. All are welcome, if you have your own boat (canoe or kayak), there is no charge.We have 4 Rules that we insist on: No drugs or alcohol on the water, You must wear a PFD properly, You stay with the group, No Electronics (Cell Phones I-Pods). If you need to rent one, the cost for a solo boat is only $25.00 per boat or $35.00 for a tandem. The boat rental includes paddle(s) and PFD(s). https://pathspeakspaddles.com/. RESERVATIONS ARE A MUST IF YOU ARE RENTING CALL: 716-213-0350.

Tips for the Environment:

1. **Green your Camping**- Camping allows you to connect with the outdoors, but meal planning and packaging can leave a big environmental footprint. For tips on planning a more environmentally-friendly trip, visit http://www.dec.ny.gov/docs/permits_ej_operations_pdf/sustainablecamping.pdf.

2. **Don't suck-Say no to plastic straws** - Yes, you've heard about the campaign, but view the following video for a compelling reason (warning for animal lovers, you may not be able to watch it), https://www.youtube.com/watch?v=4wH878t78bw.

3. **Consider your Lawn Footprint**-As you make landscaping choices and decide your methods and equipment, consider that operating a typical gas-powered lawn mower for one hour emits as much pollution as driving 350 miles in a car. Consider converting part of your lawn to other uses. Many options are both easier and more environmentally friendly than grass. Plant a pollinator paradise in one corner of your yard. A shrub border requires seasonal, rather than weekly, maintenance. Berry bushes are less work than lawn and reward both you and the environment. If you have more lawn than you really need, replacing some of your grass can make your yard prettier and free up your weekends.

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

By Lesley Haynes

Plastics

A recent Scientific American article stated the world creates 260 million tons of plastic each year, and much of it winds up in the oceans. Plastic continues to accumulate in the Pacific Ocean and one of the bigger areas of trash is said to be more than double the size of Texas. Most of the trash in this island of debris has broken into bite-sized plastic bits which are sickening or killing whales and the smaller fish, plankton, and birds that ingest it.

Polyethylene was invented in the 1930s, but it wasn't used to take our groceries home until 1977. The bags were introduced as a way to increase their market share in grocery stores. The real turning point came in 1982, when the industry persuaded two of the nation's largest supermarket chains, Safeway and Kroger, to replace traditional paper bags with the much more cost-effective plastic model. For customers, the appeal could be summed up in one word: handles. Paper bags didn't get handles until the late 1990s, and by then it was too late. Plastic had taken over.

Bottle caps, bags and wrappers that end up in the ocean from the wind or through overflowing sewage systems can then drift thousands of miles. It is estimated that more than 100,000 marine mammals die trash-related deaths each year.

Is there anything that we can do about this problem? Well, we can do our part by making an attempt to **reduce** our use of plastic. It is one thing not to know the harm that this causes but once we do know shouldn't we become concerned?

What can one person do? I have made some of these suggestions before but I think that they bear repeating.

Try this for one week – count the actual number of plastic bags that come into your home. Multiply that number by 52 weeks to find the estimated number of plastic bags that you and your family use in one year.

Now multiply that number by the number of residents in the town that you live and you will start to get an idea of just how many plastic bags are around you. Next, imagine if you refused the bag each time it was offered to you by carrying the items you have purchased in a canvas or cloth bag. You get the idea.

- Remember to take **reusable** cloth bags when you go shopping – just keep them in your car and grab them before you go into the store. Decline the plastic bag that is offered to you and take a few minutes to let the manager of the store know why you do not wish to continue using plastic.
- Shop at a local farmer's market where produce is not in a fancy package.
- Buy fewer packaged goods. Buy loose fruits and vegetables rather than those placed on Styrofoam platters and wrapped in plastic.
- Buy from the bulk bins – most grains, beans, cereals, nuts, rice, raisins, etc, are available in bulk. It is usually cheaper and the item can be placed in a paper bag, thus avoiding cardboard boxes and plastic wrapping.
- Many fast food restaurants use paper and cardboard. Some people even take a container with them in anticipation of carrying leftovers home.

I urge you to **reduce** your use of these items. It is just a small action on your part that takes no effort at all.

Plastic does not go away - it just accumulates.

"Together we can make a difference"

Lesley Haynes – lesleyhaynes14@yahoo.com

Ongoing Volunteer Opportunities Available

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Slow Roll Buffalo- our volunteer squad of more than 120 serve in a wide variety of roles on Mondays and beyond, from planning routes and keeping the rides smooth to many forms of community outreach. Our big biking family is ever-growing - if you're looking for a fun and fulfilling way to get involved in our community on wheels, please submit an application!

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

Additional calendars with local events-
http://artvoice.com/calendar
http://www.citybration.com
http://www.buffalospree.com
http://www.exploreny.net/events.php3
http://www.metrowny.com/events.php
http://www.buffalo.edu/calendar
Re-Energize Buffalo Blog- http://renewnrg.blogspot.com/
http://buffalorising.com
http://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.huntfishnyoutdoors.com/events.php
WGRZ Outdoors- http://www.wgrz.com/local/2-the-outdoors/
Citizen Science Opportunities- listing

New York State Resources
Geographic Information Gateway http://opdgig.dos.ny.gov/#/home

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

Youth Summer/Holiday Camps/Home School Series
www.aquariumofniagara.org
www.buffaloaudubon.org
www.buffalogardens.com
www.buffscience.org
www.tifft.org
www.buffalozoo.org
www.penndixie.org
www.yourspca.org

Education Resources
Green Education Foundation
Facing the Future
Cloud Institute for Sustainable Education
Sustainable Futures Institute
Nature Generation.
The Center for Ecoliteracy
Hamline's Center for Global Environmental Education (CGEE)
The National Science Teachers Association Learning Centers
The US Partnership for Education for Sustainable Development

Grant Opportunities/Tools
https://trust.guidestar.org/grant-writing-101-resources-for-grant-writers
http://assembly.state.ny.us/gan/
www.wnygrantmakers.org/
www.grantstation.com
www.grantwatch.com
www.grantwrangler.com
www.grantsalert.com
http://www.glrppr.org/funding/
https://attra.ncat.org/index.php
https://grantsreform.ny.gov/

Urban Farms/ Composting/Rural Community-Supported Agriculture/Sustainable Practices-
Arden Farm- http://theardenfarm.com/
Becker Farms- http://www.beckerfarms.com/csa
Buffalo Organics/Foodscaping Project-http://www.buffalofoodscaping.com/
Canticle Farms-http://www.canticlefarm.org
Common Roots Urban Farm- https://www.facebook.com/CommonRootsUrbanFarm/
Dirt Rich Farm- http://www.localharvest.org/dirt-rich-farm-M66269
Dispenzas Meat Market and CSA- https://dispenzas.com/
Eastern Monarch Butterfly Farm- https://www.facebook.com/EasternMonarchButterflyFarm
Falkimmer Farms- https://www.facebook.com/FalkimmerFarms/
Farmer Pirates-http://www.farmerpirates.com/
Farmers and Artisans- http://farmersandartisans.com
Farmthisway CSA - http://www.farmthisway.com/
Fenton's Produce- www.fentonsproduce.com
First Light Farm and Creamery- http://www.firstlightfarmer.com/
Five Loaves Farm- https://5loavesfarm.org/
Good Food Farm- www.goodfoodfarm.blogspot.com
Gormley Farms- https://www.facebook.com/gormleyfarms
Green Heron Growers- http://www.greenherongrowers.com/
Green Shoots- www.jersbuffalo.org/index.php/programs/category/Green_Shoots_for_New_Americans

Gregs U-Pick- http://gregsupick.com/
Groundwork Market Garden- http://www.groundworkmg.com
Harvest Patch- http://www.harvestpatch.com/
Kindred Kreek Farms- https://www.kindredkreek.com/
McCollum Orchards/Wildwood CSA- http://www.oldfarmnewlife.com/
Michigan Riley Farm- http://michiganrileyfarm.wordpress.com/
Native Offerings- http://nativeofferings.com/
Niagara Malt- www.niagaramalt.com
Plato Dale Farm- https://platodalefarm.com/
Porter Farms- http://www.porterfarms.org/
The Promised Land- http://promisedlandcsa.com/
Providence Creek Farm- http://www.providencecreekfarm.com/
Richardson Farms/Grace's Garden- https://www.facebook.com/groups/RichardsonFarmsAkronNY/
Roots & Wings Family Farm- https://www.facebook.com/rootsandwingsfarm/
Root Down- www.therootdownfarm.com
Sinemus Farms- http://www.sinemusfarms.com/
Singer Farms Naturals-www.singerfarmnaturals.com
Teacup Farm- http://www.teacupfarm.com/
Thorpe's Organic Farm- www.thorpesorganicfamilyfarm.com
Westside Tilth Farm- http://westsidetilth.com/
Wilson Street Urban Farm- http://wilsonstreeturbanfarm.wordpress.com/
WNY Farmers' Markets- http://www.bestofwny.com/farmers_market/
Local Harvest (resource site with map of CSAs)-http://www.localharvest.org/
Local Meats- http://meatsuite.com/
NY State Fruit and Vegetable Harvest Calendar- https://www.agriculture.ny.gov/HarvestCalendar.html

Local Tourism promoting Sustainability
Buffalo Bites Food Tours- http://www.buffalobitesfoodtours.com/
Buffalo Tours- http://www.preservationbuffaloniagara.org/buffalo-tours/
Niagara Wine Trail - http://www.niagarawinetrail.org/

Recycling, Reuse, Disposal, Green Cleaning Options: (also check www2.erie.gov/recycling/index.php?q=node)
Batteries- Twin Village Salvage Recycling, 4153 Broadway, Depew 683-5373
Batteries, rechargeable- drop offs at Office Depot, Best Buy, Target, Walmart, Lowe's
Bicycles- Buffalo Blue Bicycle http://gobikebuffalo.org/
Books- www.booksforafrica.org, www.operationpaperback.org
Bottle and jar caps-Weisenbach Recycled Products in Ohio. CapsCando.com.
Bras- www.donateyourbra.com, www.brarecycling.us
Building materials- www.buffaloreuse.org
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, Sunnking dropoffs
Cell Phones-Buffalo Zoo, Aquarium of Niagara and other charities
Drug disposal best practices and sites- http://www.dec.ny.gov/chemical/45083.html, http://www.dec.ny.gov/gmk/index.html?url=http://www.dec.ny.gov/maps/gmnysmeddropbox.kmz
Electronics- www.greenergadgets.org/recycling-responsibly.html, most electronics stores, www.sunnking.com
City of Buffalo residents- 1120 Seneca Street, hours and info here; Other residents, check with your towns.
Envelopes, tyvek- < 25: Send to Tyvek Recycle, Attn. Shirley B. Wright, 8401 Fort Darling Road, Richmond, VA 23237. More than 25: call 866/33-TYVEK.
Eyeglasses-Lions Club http://donateglasses.net/search.html for sites accepting donations

Fishing line: Berkley Recycling, 1900 18th St., Spirit Lake, IA 51360.
Fur coats (incl faux fur)- http://coatsforcubs.com (used for animal rehab for young animals)
Gift cards and customer loyalty cards- http://www.earthworkssystem.com/consumers.html
Green Cleaning programs in the workplace-https://greencleaning.ny.gov/Entry.asp
Greeting Cards- http://www.stjudesranch.org/shop/recycled-card-program/
Hazardous Household materials- http://www.hazmanusa.com/
Household Goods (Appliances, Furniture, Kitchenware)-Goodwill, Salvation Army, Ladies of Charity, St. Vincent DePaul Society (Main St.) 882-3600,
Ink cartridges-RecyclePlace.com and most manufacturers
Mattresses- http://triadrecycle.com/mattress/ Hazman, Buffalo ReUse ReSource
Medicines, expired or unused- http://www.dec.ny.gov/docs/water_pdf/guidance3.pdf
Needles, Syringes etc.- http://www2.erie.gov/health/index.php?q=needle-disposal-amp-access
Packaging Materials (bubble wrap, peanuts)-UPS Store
Pharmaceuticals-dropoff sites at map
Plant pots- Mischler's Florist and Nursery, Lavocats Nursery, Lockwood's Nursery, Lowes stores, Home Depot
Plastic shopping bags, cereal liners, packing pillows-groceries, many retailers, www.plasticfilmrecycling.org
Plastics 1-7- dropoff at Great Lakes Recycling, 22 Mechanic St, North Tonawanda, 716-692-3448
Recycling A to Z - realsimple
Shoes, athletic-NikeReuseAShoe.com, Souls4Souls.org and OneWorldRunning.com
Sports equipment-resell/trade at www.playitagainsports.com
Styrofoam- Thermal Foams, Inc. fors clean, white Styrofoam at 2101 Kenmore Ave., 14207. Call first at (716) 874-6474.
Tennis balls- http://www.rebounces.com/recycle/
Toys, plastic- http://dmpgreen.com/mail_in.html
Uses and reuses for many items- http://www.world.org/weo/recycle
Water filters-Brita partners with preserveproducts.com/recycling
Wetsuits- https://www.sugamats.com/recycling/, https://www.greengurugear.com/pages/recycling-to-upcycle-program

Eco-volunteering with Travel:
http://www.planetfriendly.net/learn.html
http://www.globalteer.org
http://www.ecovolunteer.org/
http://www.goeco.org/
http://www.wwoof.org/
http://www.americanhiking.org/

Education Courses or Certificates:
Energy University Website with Schneider Electric- Courses are free
Green Classroom Professional Certificate- Online courses, info here
Solar Energy Training- http://www.solarenergy.org/training-schedule/
Coursera- www.coursera.org

Miscellaneous:
Green America's guide to Socially Responsible Investing- http://pubs.greenamerica.org/i/116105
Buffalo Relocation and Self-Promotion http://www.wherelifeworks.com/
Change Food Library http://www.changefood.org/changefoodlibrary/
USDA Tool Kit for Local Food toolkit

Videos/Websites

Better Than Ed-Video series with Actor Ed Begley encouraging environmentally-friendly practices.
EJSCREEN is an environmental justice mapping and screening tool.
Local Foods, Local Places Toolkit to help communities develop their own plans for setting and achieving local food and revitalization goals.
Archived EPA Climate Change Info.
www.epa.gov/climate-indicators.

Guide to help schools reduce food waste
Tool for Sourcing Local Meat
Click here to watch the Know Your Food videos.
iMATTER Youth Movement to Spark Change
Green Infrastructure in Parks: A Guide to Collaboration, Funding, and Community Engagement
EWG's Guide to Healthy Cleaning.
EWG's Tap Water Database.
http://www.nebeginningfarmers.org/online-courses/ -beginning farmer online training through Cornell.
2018 Fuel Economy Guide
Climate Hubs provides information for managing risks posed by a changing climate.

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

Adirondack Mountain Club-Niagara Frontier Chapter Meetings 7:30, second Tues. from Sept.-June	http://adk-nfc.org/
AIA Buffalo Western NY	https://www.aiabuffalowny.org/
Air and Waste Management Association	https://awmanfs.wildapricot.org/
Allegany Nature Pilgrimage	http://alleganynaturepilgrimage.com/
Alliance for the Great Lakes	www.greatlakes.org
American Planning Association-WNY Section/Upstate	www.wnyapa.com
American Meteorological Society-WNY Chapter	www.facebook.com/amswnychapter
Amherst State Park Arboretum	http://www.amherststatepark.org/ASP/Welcome.html
Animal Advocates of Western New York	http://www.animalswny.org/
Aquarium of Niagara	www.aquariumofniagara.org
Asha Sanctuary for Rescued Farm Animals	http://www.ashasanctuary.com/
AWARE-Assoc. for Wild Animal Rehabilitation & Education	http://www.awarewildlife.com/
Bergen Swamp Preservation Society	http://www.bergenswamp.org/
Bless the Beasts Foundation	http://blessthebeastsinc.webs.com/
Bond Lake Environmental & Beautification Committee	http://www.freewebs.com/bondlake/
Braddock Bay Bird Observatory	http://braddockbaybirdobservatory.wordpress.com/
Buffalo Architecture Foundation	http://www.buffaloarchitecture.org/

Buffalo Astronomical Association	http://buffaloastronomy.com/
Buffalo Audubon Society/Beaver Meadow Nature Center	www.buffaloaudubon.org
Buffalo Bike Share	www.buffalobikeshare.org/
Buffalo Niagara Community Reinvestment Coalition	https://www.facebook.com/BNCRC/
Buffalo Niagara Gardening	https://buffalo-niagaragardening.com/
Buffalo and Erie County Botanical Gardens	www.buffalogardens.com
Buffalo Farm to School Program	http://buffalofarmtoschool.org/
Buffalo First	www.buffalofirst.org/
Buffalo Geological Society	www.bgsny.org
Buffalo Green Code	http://www.buffalogreencode.com/
Buffalo Heritage Carousel	http://buffaloheritagecarousel.org/
Buffalo in Bloom	http://www.buffaloinbloom.com
Buffalo Maritime Center	http://www.buffalomaritimecenter.org/
Buffalo Museum of Science	www.sciencebuff.org/
Buffalo Niagara Waterkeeper	https://bnwaterkeeper.org/
Buffalo Olmsted Parks Conservancy	www.bfloparks.org
Buffalo Orienteering Club	http://www.buffalo-orienteering.org/
Buffalo Ornithological Society	http://www.buffaloornithologicalsociety.org/
Buffalo Recycles	http://buffalorecycles.org/
Buffalo ReUse	www.buffaloreuse.org/
Buffalo Urban Development Corp	http://budc.ecidany.com/
Buffalo Zoo	www.buffalozoo.org
Burchfield Nature and Art Center	http://www.burchfieldnac.org/
Center for Environmental Information (Rochester)	http://ceinfo.org/

Center for the Study of Art, Architecture, History and Nature	http://buffaloah.com/h/center/index.html
Chautauqua Watershed Conservancy	http://www.chautauquawatershed.org/
Chestnut Ridge Conservancy	http://chestnutridgeconservancy.org/
Citizens Campaign for the Environment	www.citizenscampaign.org
Citizens Coalition for Wildlife and Environment	http://citizencoalitionwe.com/
Citizens for Regional Transit	www.citizenstransit.org/
Citizen Science Community Resources	http://www.airhugger.org/
City Action Corps	www.cityactioncorps.org
Clarence Bluebird Trail	www.clarencebluebirdtrail.org
Clean Air Coalition of Western New York	http://www.cacwny.org/
Clean Communities of Western New York	http://www.ccofwny.org/
Coalition of Positively Charged People	https://www.coalitionpositive.org/
Community Action Organization of Erie County	http://www.caoec.org/
Community Foundation for Greater Buffalo	http://www.cfgb.org/
Cornell Cooperative Extension for Cattaraugus County	http://chautauqua.cce.cornell.edu/
Cornell Cooperative Extension for Erie County	http://counties.cce.cornell.edu/erie/
Cornell Cooperative Extension for Niagara County	http://counties.cce.cornell.edu/niagara/
Daemen College Center for Sustainability	www.daemen.edu/enviro-news
Department of Environmental Conservation (NY State)	www.dec.ny.gov/index.html
Designing to Live Sustainably	https://www.facebook.com/d2lsBuffalo/
Earth Spirit Educational Services	www.earthspiritedu.org
Environmental Education Associates	http://environmentaleducation.com/
Environmental Protection Agency Local Office (716) 551-4410	http://www2.epa.gov/aboutepa/epa-region-2

Erie Canal Harbor Development	http://www.eriecanalharbor.com/
Erie County Community College Going Green	http://eccgoinggreen.ecc.edu/index.html
Erie County Conservation Society	http://eccs-club.org/
Erie County Department of Environment and Planning	http://www2.erie.gov/environment/
Erie County Environment Management Council	http://www2.erie.gov/environment/
Erie County Farm Bureau	http://www.ecfarm.com/
Erie County Federation of Sportsmen's Clubs	http://www.eriectyfsc.org/
Erie County Parks and Recreation	http://www.erie.gov/parks
Erie County Soil and Water Conservation	www.ecswcd.org/
Excalibur Leisure Skills	https://www.facebook.com/excaliburleisureskills/
Explore Buffalo	www.explorebuffalo.org
Farm2Curb	https://www.facebook.com/farmtocurb
Fillmore Forward	www.fillmoreforward.org/
First Hand Learning	www.firsthandlearning.org
Food Policy Council of Buffalo & Erie County	http://www2.erie.gov/fpc/
For A Clean Tonawanda Site	www.factsofwny.com/
Foundry	http://thefoundrybuffalo.org/
Friends of the Iroquois National Wildlife Refuge	http://www.friendsofiroquoisnwr.org/
Friends of Reinstein Woods	http://reinsteinwoods.org
Friends of Times Beach Nature Preserve	http://www.friendsoftimesbeachnp.org/
Foothills Trail Club	www.foothillstrailclub.org
Gardens Buffalo Niagara	https://gardensbuffaloniagara.com/
Garden Clubs of WNY	www.gardenclubsofwny.com
Genesee County Nature Center	http://co.genesee.ny.us/departments/parks/inc.php
Genesee County Village & Museum	https://www.gcv.org/

Global Justice Ecology Project	http://globaljusticeecology.org/
Go Bike Buffalo	http://gobikebuffalo.org/
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
Housing Opportunities Made Equal	http://www.homeny.org/
Imagine Greater Buffalo Lifelong Learning	http://imaginelifelonglearning.com/
Innovation Center Buffalo	http://innovationcenterbuffalo.org/
Iroquois National Wildlife Refuge	http://www.fws.gov/refuge/iroquois/
Jamestown Audubon Center & Sanctuary	http://audubon cnc.org/
Jamestown Community College	http://www.sunyjcc.edu/sustainability

Junior Solar Sprint Buffalo	www.jssbuffalo.com
League of Women Voters of Buffalo Niagara	http://www.lwvbn.org/
Learning Sustainability Campaign	http://www.learningsustainability.com/
Local Initiatives Support Corporation	http://www.lisc.org/buffalo/
Lyceum at Silo City	https://www.lyceumsilo.city/
Massachusetts Avenue Project	http://mass-ave.org/
Matt Urban Human Services Center	http://urbanctr.org/
Messinger Woods Wildlife Care and Education Center, Inc	www.messingerwoods.org
Nannen Arboretum	http://www.nannenarboretum.org/
Nature Conservancy-Central and Western New York Chapter	http://Nature.org/centralwestern
Nature Sanctuary of Western New York	http://nsswny.org/
New York Farm Bureau	http://www.nyfb.org/
New York Flora Association	http://www.nyflora.org/
New York Forest Owner's Association	www.nyfoa.org
New York Interfaith Power and Light	www.newyorkipl.org/
New York League of Conservation Voters	http://www.nylcv.org/
New York Power Authority	www.nypa.gov
New York Public Interest Research Group	http://www.nypirg.org/
New York State Association of Conservation Commissions	http://www.nysaccny.org/index.php
New York State Ornithological Association	http://nybirds.org/index.html
New York State Outdoor Education Association	http://nysoea.org/
New York State Parks	www.nysparks.com
New York State Sea Grant	http://www.seagrant.sunysb.edu/
New York State Soil and Water	http://www.nys-soilandwater.org/

Northeast Sustainable Agriculture Working Group	http://nesawg.org/
New York Upstate Chapter of the Green Building Council	http://www.greenupstateny.org/
New York State Wetlands Forum	http://www.wetlandsforum.org
Niagara County Farm Bureau	http://www.niagaracountyfarmbureau.com/
Niagara County Landfill and Recycling	http://www.rethinkyourwaste.com/
Niagara County Parks	http://www.niagaracounty.com/Parks/
Niagara County Soil and Water Conservation District	www.niagaraswcd.com
Niagara Fishing Expo	http://niagarafishingexpo.com/
Niagara Frontier Botanical Society	https://sites.google.com/a/niagarafrontierbotanicalsociety.org/niagarsociety/home/
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/
Our Outer Harbor	http://www.ourouterharbor.org/
Partners for a Livable WNY	https://www.livablewny.org/
Partnership for the Public Good	www.ppgbuffalo.org
Paths, Peaks and Paddles	www.pathspeakspaddles.com
Penn Dixie Paleontological and Outdoor Education Center	www.penndixie.org
Pfeiffer Nature Center (Portville)	www.pfeiffernaturecenter.org
People United for Sustainable Housing	http://www.pushbuffalo.org

Plant WNY	http://www.plantwny.com/
Preservation Buffalo Niagara	http://www.preservationbuffaloniagara.org/
Primate Sanctuary	http://theprimatesanctuary.com
PUSH Blue	http://pushblue.org/
Regional Councils NYS	http://regionalcouncils.ny.gov
Reinstein Woods Nature Preserve	www.dec.ny.gov/education/1837.html
ReNU Niagara	http://www.niagara.edu/renu/
Reptile Adoption, Rehabilitation and Education, Inc. (RARE)	http://rarerehab.org/
Restore our Community Coalition	http://roccbuffalo.org/
Retree Western New York	www.re-treewny.org
ReUse Action	http://reuseaction.com/
Rise Up for Climate Justice	https://www.facebook.com/riseupforclimatejustice/
Rochester Environmental Groups	http://rochesterenvironment.com/EXTRA/enviromentalists.htm
Roger Tory Peterson Institute	www.rtpi.org
Science Demands Action	www.sciencedemandsaction.org
Service Collaborative of WNY	http://www.tscwny.org/
Sierra Club (Niagara Group of Atlantic Chapter)	http://niagarasierraclub.com/
Slow Roll Buffalo	http://slowrollbuffalo.org/
South Buffalo Alive	https://www.facebook.com/South-Buffalo-Alive-174141769403626/
SPCA serving Erie County	www.yourspca.org
Street Synergy	http://www.streetsynergy.org/
SUNY Fredonia	http://www.fredonia.edu/gogreen/
Sustainability at Buffalo State	http://sustainability.buffalostate.edu/
Sustainable Earth Solutions	www.sustainableearthsolutions.com

Tesla Fest	https://www.teslafest.org/
Tifft Nature Preserve	http://www.tifft.org/tifft/
Tonawanda Creek Watershed Committee	https://www.facebook.com/TonawandaCreek/
Tonawanda Tomorrow	http://tonawandatomorrow.org/
Tuscarora Environmental Task Force	http://www.tuscaroraenvironment.com
21st Century Park on the Outer Harbor	http://21stcenturypark.org/
UB Engineers for a Sustainable World	http://www.eswub.com/
UB Environmental Network	https://www.facebook.com/groups/2239558471/
UB Office of Sustainability	http://www.buffalo.edu/sustainability.html
UB Regional Institute	http://regional-institute.buffalo.edu/
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/wp/
West Side Ministries (716 Ministries)	http://www.westsideministries.org/
West Valley Citizen Task Force	www.westvalleyctf.org
Wild Kritters	http://www.wildkritters.com/
Wild Spirit Education	http://www.wildspirit.org/
Wind Action Group	https://buffalowind.wordpress.com/
Working for Downtown	http://www.workingfordowntown.org/
World on your Plate	http://www.worldonyourplate.org/