Enviro-News

April 2019

Sponsored by Daemen College's Global & Local Sustainability Program

Newsletter Contents:

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

Articles:

"Paris to Pittsburgh": Free Film Screening

A free screening of *Paris to Pittsburgh* will be held on **Monday, April 8** at Daemen College, Schenck Hall, Room 107. Produced by National Geographic Documentary Films, "Paris to Pittsburgh" celebrates how Americans are demanding and developing real solutions to address climate change. "From coastal cities to America's heartland, Paris to Pittsburgh celebrates how Americans are demanding and developing real solutions in the face of climate change." For info, contact byoung@daemen.edu.

2019 Slow Roll Schedule Release Party!

Join GObike Buffalo, Slow Roll Squad, and our presenting partner Independent Health in celebrating the release of our 2019 six-month schedule of free and inclusive community bike rides around Western New York for all ages and skills levels! More than 50 rides will be announced as part of a party at the Broadway Market on **Monday, April 8th**, 5-8pm. Admission is free to our Schedule Release Party, which will offer food and drinks, fun and games, live music and market vendors - with spring being peak season at the Broadway Market, many resident and seasonal vendors will extend their hours to participate in the party. Proceeds from auctions and raffles as well as sales of local beer, wine and spirits will help cover costs of keeping the upcoming rides free and open to all.

Beyond Plastics

Judith Enck, Former EPA Regional Administrator and founder of Beyond Plastics, will deliver a free, public lecture on **Thursday, April 11** at 6pm at Jacobs School of Medicine, University at Buffalo Downtown. Due to limited seating, please register. Come explore how to build a grassroots movement against single use plastic packaging and how to work on policy changes in addition to consumer change**.**

Connecting the Outer Harbor with the Niagara Greenway

Join the League of Women Voters for a presentation by Gregory Stevens, Executive Director of the Niagara River Greenway Commission, on **Friday, April 12, 2019** at Scotch 'n Sirloin Restaurant, 3999 Maple Road, Amherst, NY 14226. Registration is at 11:30 a.m., Speaker: 12:00 noon, lunch to follow. Imagine a glorious network of parks, scenic vistas, access points and trails stretching alongside the entire Niagara River, from Lake Ontario to Lake Erie. Creating these public green spaces, while restoring the shoreline's ecological health, is the mission of the Niagara River Greenway Commission. Join us for a look at the plan to make Buffalo's beautiful Outer Harbor the Greenway's southern terminus. **RSVP: Reservations and $18 lunch payment must be received by Monday, April 8**. Make checks out to LWVBN and mail to LWVBN, 1272 Delaware Ave., Buffalo, NY 14209. To attend the program only at no charge, reserve **online here**, send email to lwvbn@lwvbn.org or call 716-986-4898.

Spring Docent Training for Explore Buffalo

An accelerated Spring Docent training program will be held from April 29 through May 10, with classes from 9am to noon on Monday, Wednesday and Friday. The exterior-only downtown walking tour will give guests an excellent introduction to Buffalo and its history. Apply by **April 15** at https://explorebuffalo.org/docent-training/

Earth Day Train Talk

Local environmentalist and life-long railfan Walter Simpson will present an Earth Day Train Talk on **Wednesday, April 17** from 6-8pm at the Buffalo History Museum (Nottingham Terrace and Elmwood Avenue). Walter recently published his new information-packed, beautifully illustrated book which explains in detail: how all energy-related components of a contemporary diesel-electric locomotive work; locomotive fuel economy measures shrouded in secrecy by the railroad industry; emissions regulation and technology; and railroad motive power options to address the threat of climate change. The Museum's model railroad layout will be open and running 5-6 pm and the Singing Brakemen will sing train songs beginning at 5:30. Walter's book will be available at special event discount price. Admission: Museum members free; others $5. Refreshments! Sponsored by The Buffalo History Museum. Co-sponsored by the Citizens for Regional Transit, Niagara Frontier Chapter of the National Railway Historical Society, Partnership for the Public Good, Sierra Club Niagara Group, WNY Environmental Alliance, WNY Peace Center, WNY Railway Historical Society. For more information about Walter's book see, www.diesel-electric-locomotives.com. For more information about this event, enconser@buffalo.edu.

Taste of the Southtowns

Taste of the Southtowns will be held on Sunday **April 28, 2019** from 12:00-5 P.M inside St. Aloysius Hall, 190 Franklin St., Springville. Eight Restaurants will be serving 45 food items including: Beef on Weck, Pulled Pork, Tacos, Soups, Shrimp, Scallops, Stuffed Peppers, Meatballs, Cheesecakes, Pulled Chicken and more. Food Items from $2.00 to $5.00. 50 Basket Chinese Auction, Silent Auction, Country Music: "The Rustic Ramblers" with Gene Hilts on steel guitar. Get a Massage by Eric Davis for $1/minute. Free Admission with $10 purchase of Chinese auction or food tickets. Proceeds benefit Gooseneck Hill Waterfowl Sanctuary, a 501c3 organization, the largest waterfowl sanctuary in the US with over 700 endangered and protected ducks, geese and swans and over 78 different species. For info, rosebird@frontiernet.net, www.gooseneckhillwaterfowlfarm.com

Composter and Rain Barrel Sales

Erie County, in partnership with the Western NY Storm water Coalition, the City of Buffalo, and the Town of Wheatfield, is once again offering rain barrels and compost bins at wholesale prices. Order yours today. **This offer ends May 3rd, 2019**. There are 2 locations to pick up orders: City of Buffalo Engineering Garage (1120 Seneca St.) and Town of Wheatfield Town Hall (2800 Church Rd., North Tonawanda). **The specific date/time and location for pick up must be selected when you check out.** You must pick up your order at the location, date and time that you select at checkout or have someone pick it up for you. Orders are not available for pick up at these locations outside of the dates/times listed at check out. Pick up dates are May 15, 16 from 4:30 to 7:30pm or May 18 from 9am to 12pm. For costs and descriptions of items, visit https://eriecompostersale.ecwid.com

2019 Sustainable Business Summit

We're excited to announce the 2019 Annual Sustainable Business Summit "Building Your Business – Reducing Your Footprint", will be at the Hotel Henry on **May 8, 2019** from 11am to 5pm. For more details: visit info. Philip Ivey will be the keynote speaker and share his insight and counsel of his sustainability journey over the past 30 years at Milliken—a global corporation that combines science, design and insight to tackle the issues and concerns of today with over 35 manufacturing facilities and 7,000 employees. Speakers and networking are part of the event. Register today.

Erie County Household Hazardous Waste Dropoffs

If you have old oil-based paint, fertilizer or pesticides lying around in your basement, garage or shed, 2019 is your lucky year. Erie County is increasing the number of free opportunities for county residents to get rid of potentially dangerous chemicals as part of its yearly household hazardous waste collection. The Department of Environment and Planning will hold five collection events throughout the county: **May 11** in Clarence; June 15 at Erie Community College South Campus in Orchard Park; Aug. 10 at ECC South Campus; Sept. 14 in Concord; and Oct. 5 in Buffalo. **Residents will have to preregister online or by phone to participate in the collection. Registration opens 30 days before an event.** The specific locations of the drop-offs will be provided during preregistration. For more information, visit erie.gov/recycling or call 716-858-6800.

Upcoming DEA Prescription Drug Collection

The federal Drug Enforcement Administration (DEA) will conduct a nationwide prescription drug collection on **Saturday, April 27, 2019** from 10:00 AM – 2:00 PM. Collections will be held at many locations around the state and are the best way to dispose of unused and unwanted prescription drugs. For more information and locations, visit DEA's National Take Back Initiative webpage. Many locations accept unwanted prescription drugs on a regular basis.

Public Comments for Buffalo Styrofoam Packaging Ban

Buffalo Common Council President Darius Pridgen is considering a Styrofoam Packaging Ban and he wants your comments**.** Please send your comments to: Darius G. Pridgen, Council President, dpridgen@city-buffalo.com (716) 851-4980. For talking points in support of banning styrofaom, visit here.

Harvesting a Home Apothecary: 6 Month Intensive

Sweet Flag Herbs will offer a season-long program (May 11 to October 12) that walks participants through the entire process of thoughtful cultivation/wild-harvest, preparation, and safe & smart use of herbal remedies to complement healthy lifestyle choices. By the end of six months, participants will have a budding home apothecary, and the knowledge to prepare a range of herbal remedies. http://sweetflagherbs.com/events/2019/5/11/harvesting-a-home-apothecary-6-month-intensive. Each class will be from 9am to 4pm.

Hawk Creek Fundraiser Cruise

Ever dreamed about relaxing on a cruise ship AND supporting wildlife? Have we got the event for you! Grand Lady Cruises and Hawk Creek Wildlife Center are partnering up for the event of the summer! Tickets are $29.50 per person (ages 13+ only), with a portion of all sales being directly donated to Hawk Creek. Boarding time will begin at 6:00pm on **June 2nd**, and we will set sail from 6:30 to 8:30pm. Come beforehand to meet some of our animal ambassadors and enter for a chance to win our 50/50 raffle! Tickets include a two-hour cruise along Buffalo River to Lake Erie, and Buffalo Harbor, with live music and a cash bar. Event is rain or shine but don't worry, the spacious indoor spaces have heating and air conditioning. Tickets at grandlady

Sunnking Collects Electronics for Recycling to aid Camp Good Days and Special Times

E-Scrap for Camp was created by Sunnking in 2010 to support Camp Good Days and Special Times. Funds raised through recycling electronics are donated to help improve the quality of life for children, adults and families whose lives have been touched by cancer. Participating organizations will have the opportunity to collect electronics from employees, friends, family and the business for two weeks during the month of May. Electronics will be picked up by Sunnking and recycled at no cost. Sunnking will track and record the net weight of electronics recycled from each participating location and will provide a report and Certificate of Donation at the end of the campaign. At the end of the campaign Sunnking will donate a portion of the proceeds to Camp Good Days for every pound of electronics recycled. Register now. Collection boxes and pallets will be provided by Sunnking at no cost (Box dimensions are approximately W48" x L40" x H48" and they sit on top of a standard pallet).

Art of the Brick Exhibit

The Buffalo Science Museum has a visiting exhibit "The Art of the Brick" through May 5. Named one of CNN's Top 10 "Global Must-See Exhibitions," you'll marvel at the 80+ sculptures created by artist Nathan Sawaya, including a 20-foot-long T-rex skeleton and a recreation of Michelangelo's Statue of David. Plus, experience the "The Science of the Brick," presented by AAA Western and Central New York, the hands-on LEGO brick activity area within the exhibition! The exhibit will be here until May 5. Tickets are required for this exhibit.

NY Geothermal Renewable Heating and Cooling Conference

The 5th Annual NY-GEO Renewable Heating & Cooling Conference at the Rivers Casino & Resort in Schenectady, New York will be held on **April 10th & 11th**, 2019! Join us for a fantastic program that will help policy makers, installers, organizers, architects, clean energy activists, contractors, building owners and managers, engineers and more to plug into the renewable heat momentum building in New York and across the northeast! There are scholarship funds for students and low income individuals. Email nygeoinfo@gmail.com if you will attend but need a scholarship to pay part of your registration.

Fifteenth Annual Symposium on Energy in the 21st Century

The Symposium on Energy in the 21st Century will be held on **Friday, April 12, 2019** at The Links at Erie Village in East Syracuse. The programs covers currents state and federal renewable energy policy and provides options for tours. For info and registration, visit http://energy21symposium.org/

Pollinator House Competition

Gardens Buffalo Niagara and the Buffalo Architecture Foundation are holding a design build competition for pollinator houses – for bugs, bees, birds, butterflies, and bats – as a benefit for both organizations. All are welcome to compete! Free entries due by **May 15**. Learn More

Frog and Toad Crossings: Watch Out and Help Collect Data

With the arrival of spring temperatures, amphibians have begun their annual migrations to woodland pools to breed. Often, they must cross roads to reach these pools. In New York, this migration usually occurs on rainy nights in late March and early April, when the night air temperature is above 40◦F. When these conditions exist there can be explosive, "big night" migrations, with hundreds of amphibians on the move. Volunteers can help document these locations and help amphibians like wood frogs, spotted salamanders, American toads, or spring peepers safely cross the road. We encourage drivers on the roads to proceed with caution or avoid travel on the first warm, rainy evenings of the season. Amphibians come out after nightfall and are slow moving; mortality can be high even on low-traffic roads. See the video at https://www.youtube.com/watch?v=dHRbsAsnQi8

WNY Youth Climate Action Summit

June 1st, 2019 will be the 3rd annual Western New York Youth Climate Action Summit. We will again bring together students, educators and local leaders to study cutting edge climate science, while offering chance to plan effective change in their communities with guided support. All of this will be done in the stunning, new LEED certified Science and Math Center of Buffalo State College. For more info, visit https://wnyyouthclimatesummit.org/.

Community Organizations: Do you have a Research Need?

Are you a community partner **with a research need**? We would love to help connect you to researchers or graduate students who are interested in working to help find local solutions to questions you have or trends you're looking to explore. If you are a researcher or graduate student looking for a project, we can connect you with meaningful research opportunities. Contact buffalocommons@cornell.edu for more info.

Banff Mountain Film Festival World Tour

Roger Tory Peterson Institute is pleased to present the Banff Mountain Film Festival World Tour for the 15th year! The Banff Centre Mountain Film and Book Festival is the largest, and one of the most prestigious, mountain festivals in the world. Hot on the heels of the festival held every fall in Banff, Canada, the Banff Centre Mountain Film Festival World Tour hits the road. Host organizations in each tour location help to choose a program that reflects the interests of their community, creating a unique celebration of adventure and adventurers at each stop. Traveling to exotic landscapes and remote cultures, and bringing audiences up-close and personal with adrenaline-packed action sports, the 2018/2019 World Tour is an exhilarating and provocative exploration of the mountain world. The tour kicks off **Tuesday April 9** at 7pm at Reg Lenna Center for the Arts, Jamestown. More information here: https://rtpi.org/events-exhibits/banff-mountain-film-festival/

Updated State Pesticide Regulations

New York State is currently undergoing an effort to update state pesticide use regulations. This includes changes to certification, training, records, supervision, etc. and will not address the chemicals themselves. Those involved with on-the-grounds invasive species management may wish review the proposed changes and submit comments, suggestions and concerns to DEC. Fact Sheets, Slide Presentation, and a Comment Form are available for those who are interested in being involved in the process. Stakeholder input for pesticide regulations is being received at pestregs@dec.ny.gov. You may also submit input to AQpestregs@dec.ny.gov.

Tortoise & the Hare 5K Race and Family Fun Run

Join us on Saturday **May 4** from 9 to 11:30am at the MacKinnon Lodge in Chestnut Ridge Park either as a runner on the USATF certified 5K road course, as a walker along the wooded 1-mile walking loop, or as a supporter participating in our nature-themed basket raffle, 50/50 split, or merchandise sales! This year we are excited to welcome our friends from Wild Spirit and their live Birds of Prey! This will be a fun day for the entire family. Be sure to register by April 10th as we will have a very limited supply of t-shirts available this year. Inquire about student group discounts by emailing programming@earthspiritedu.org! Register Today!

Show your love for parks this spring!

Spring is here, and online volunteer registration for the eighth annual I Love My Park Day is now open! On **Saturday, May 4**, join volunteers at state parks, historic sites, and public lands across the state to help celebrate and spruce up park lands and beaches, plant trees and gardens, restore trails and wildlife habitat, and more! At last year's event, 8,000 volunteers pitched in to give back to parks, completing 250 stewardship projects. This year's event has 135 event locations, from Montauk to Niagara Falls. Visit the I Love My Park Day website to find an event near you and register to be a part of this fun and exciting day!

14th Annual Shoreline Sweep

Be part of WNY's largest single-day shoreline cleanup on **Saturday, May 11, 2019** from 10:00 AM -12:00 PM. This is your opportunity to join the effort to protect and revitalize our waterways by cleaning up shoreline trash, including plastics that can harm fish and wildlife. With over 60 sites to choose from, find one close to home or explore somewhere new! Join us afterwards at the volunteer appreciation party. To **Register** for both a cleanup site and the party, click here.

Dig with the Experts

Tickets are on sale for Penn Dixie's signature event — Dig with the Experts! This is our very popular, once yearly opportunity to unearth the best, most complete, and most unexpected fossils at Penn Dixie. This often sells out. Info Tickets are available for **Saturday May 18 and Sunday May 19** with a weekend pass option.

SkyRide 2019 Registration is Open

For the sixth year, GObike Buffalo will be hosting the SkyRide, our signature bike ride providing riders the opportunity to explore the past, present and future of Buffalo's roadways through a bike ride highlighting our legacy highways—the Skyway, Scajaquada Expressway, and Kensington Expressway—built atop our Olmsted Parks System, Scajaquada Creek and our waterfront. The event will be held on **Sunday, May 19**, at 9 am, starting in LaSalle Park. New this year: Kids allowed: We're excited to allow riders age 10 and up on all routes with an accompanying adult. Kids under 10 will also be allowed if harnessed to an adult via child seat or trailer. There will be three routes (10 mile Skyway-only loop, 11 mile and 18 mile loop) with pop-up art installations along the route. Register Now

ASHA Sanctuary: Meet a Cow

ASHA Animal Sanctuary challenges you to come "meet a cow" and tour their sanctuary. If you are a first time visitor to the sanctuary, WE'LL PAY YOU $5 just for attending our Meet A Cow guided tour! Registration is required at http://www.meetacow.com. If you have already visited the sanctuary, Meet A Cow guided tours are $10 for adults and $5 for children ages 6-12. Admission is waived for age 5 and under, college students with valid ID and Asha Sanctuary members.

Annual Boating Safety Course

This ***two-part*** series will be held on **Tuesday May 14** and **Thursday May 16** from 5 p.m. to 9 p.m. ***both evenings***. You must attend both evenings for full course credit. The course will be held at the Niagara County Public Safety Building (5574 Niagara Street Ext. in Lockport). Because there are limited seats available, please call 716-438-3346 to your reserve your seat today.

Measuring Food Waste and Loss and its Impacts

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

Beekeeping Apprenticeships

Masterson's Garden Center in East Aurora is excited to continue our Beekeeping Apprenticeship program for the 2019 season. We piloted the program in 2015 and have greatly enjoyed the opportunity to work closely with new beekeepers. Our goal is to help both new beekeepers and those thinking of becoming beekeepers to develop a deeper understanding of hive management. We believe that while classroom instruction is an important part of understanding the working of a hive, the hands-on experience that our program can provide is essential.

The program will include an introduction to beekeeping, but will focus on time spent outdoors in our apiary. During the sessions, each participant will work in a small group with one of our experienced beekeepers and then have the responsibility of caring for several of our hives. Because participants will be inspecting the same hives each time, they will have the opportunity to see how the colony of honeybees changes over the course of the program. We'll be there every step of the way, and we think you'll be surprised how much you can learn during the three month session! In addition to proper hive inspection techniques, you'll learn how to deal with any issues that might arise such as swarm control, re-queening, varroa mite counts & treatment, making splits, combining weak hives, dealing with laying workers and much more. Apply. A Junior Apprenticeship program is also being offered in July. For info and application for that program, visit here.

Two NOAA Webinar Series to Check Out!

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

Invasive Species Awareness Week

please consider partnering with WNY PRISM to host an event during New York's **Invasive Species Awareness Week (ISAW) July 7-13, 2019**. Throughout the week, events across the state will be held to educate and inform citizens about the threat of invasive species and opportunities for action. This year's theme is Early Detection: Explore, Observe, Report, but events can include anything related to invasive species. To make ISAW a success, **we need your help**! If you are interested in having your event included in ISAW, contact Emily Thiel, Education and Outreach Program Manager (thieles@buffalostate.edu) with the event title, description, date and time, and location.

Mapping the Course of Climate Change

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

Extending the Life of Old Apples: New Alternatives

Researchers at Israel's Tel-Hai College have invented a process to extend the life cycle of apples that would otherwise be rejected by supermarkets by turning them into a powder with the same nutritional value as the whole fruit. The powder has a long shelf life and may be an alternative to other apple flavorings in processed foods and baked goods. For info, visit here.

NYS Environmental Excellence Awards

Apply now, receive recognition and lead by example. Is your organization, business, school, municipality or agency taking innovative approaches, advancing sustainable practices, generating economic growth or harnessing the power of creative partnerships? You could be one of New York's next Environmental Excellence Award winners! Submit applications no later than **Wednesday April 17, 2019**. Application materials and a "Tips for Applicants" guide are posted on DEC's website. Winners will be honored at an award ceremony in November 2019. Open to businesses, non-profits, academic, healthcare and recreational facilities, and government agencies.

Marine Animal Trainer's Regional Conference

The International Marine Animal Trainer's Association Regional Conference will be held **April 29-30** at Aquarium of Niagara. For more info, visit https://www.aquariumofniagara.org/

WNY Seed Library

The WNY Seed Library–the first free seed library of its kind in Western New York– has opened in Amherst. "There was no place in Western New York where you can get seeds for free," said Brenda Snyder, who started working on the WNY Seed Library in June 2018. The seed library aims to provide heirloom organic vegetables, herbs and flowers. You can see all the varieties of seeds here. The WNY Seed Library is housed at the Audubon Branch Library, 350 John James Audubon Pkwy., Amherst. An old card catalog has been repurposed to hold the seed packets. You don't need a library card to borrow seeds.

Allegany Nature Pilgrimage: Save the Date

The 2019 Allegany Nature Pilgrimage will be held May 31-June 2. For details and to reserve your spot, visit nature.

Search Engine Uses Ad Revenue to Plant Trees

Looking for an easy way to fight climate change? Here's a simple one: the next time you need to search for something on the internet, use Ecosia (https://www.ecosia.org/) – a search engine company that uses at least 80 percent of its ad-generated profits to plant millions of trees around the world. The small environmentally-minded company has recently brought in enough revenues to enable it to plant 50 million trees, which equates to the removal of 2.5 million tons of CO2 from the atmosphere. The startup partners with various projects globally to plant trees in locations where they can benefit the local economy and therefore positively contribute to communities. The non-profit's ambition is to potentially plant 1 trillion trees to help prevent a climate change catastrophe. That's a big number, but just by simply using Ecosia as their main search engine, people could help make that goal a reality.

2018 WAVE Data

The 2018 WAVE samples have been processed, tallied, summarized, and posted. Everyone who submitted a WAVE sample should have received a personalized email with their sample results. All the data are compiled in a google map for general consumption on the WAVE "Forms and Data" web page: https://goo.gl/PgX2CM

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.

Flush the Toilet: Make some Bricks?

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Converting biosolids into building materials could keep a lot of leftovers of the waste process out of landfills, and provide other environmental benefits. A civil engineer at Royal Melbourne Institute of Technology University in Australia is designing a way to use the disinfected leftovers from the water treatment process to make bricks. This would allow for locally produced building materials that could reduce landfill waste and save energy and methane release. For info, visit https://www.nytimes.com/2019/01/31/science/bricks-recycled-bodily-waste.html

Shellworks: Recyclable Bioplastics

Four design students from The Royal College of Art and Imperial College have created a biodegradable and recyclable bioplastic using lobster shell waste. In an initiative dubbed Shellworks, the team has developed new manufacturing machines to produce what they believe is a sustainable replacement for single-use plastics. The malleable bioplastic is extremely versatile and can be adjusted in thickness, transparency, flexibility and stiffness to create a variety of biodegradable objects.

Food Donation and Scrap Laws and Regulations

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

National Sword - What does it mean to Recycling?

The NYS DEC has compiled a summary of information on how the recycling market has been impacted by China's National Sword policy- reported as an initiative by China to clean up pollution in the environment. Almost a third of the recyclable materials collected in the U.S. were being exported. As of January 2018, China determined that many of the recyclables coming from the U.S. were too contaminated with non-recyclable material, decreasing the value of recyclables and contributing to pollution. To address changes in recycling markets head on, DEC has held a series of stakeholder meetings across the state with representatives from industry, local government, state and federal agencies, and the public to develop innovative and sustainable solutions for recycling in New York and identify open markets to utilize recyclables. As a result of the stakeholder meetings, a new recycling education campaign has also been launched in partnership with recycling stakeholders from across the State under the hashtag #RecycleRightNY on social media. Residents can help by not "wish cycling"- when well-meaning people put something in their recycling bin without knowing if it belongs there and hoping it gets recycled. Nationally, an estimated one in four items people place in household recycling bins are not recyclable, contributing to contamination, slowing down sorting, creating hazards, and decreasing the value of recyclables. The most important thing residents can do right now is follow the rules provided by your recycling hauler or municipality about what is accepted and what is not accepted in your local recycling program. By being diligent and placing only acceptable recyclables in your recycling bin, you can do your part in maintaining quality recyclables currently and for future markets. Residents across New York State are also encouraged to watch for the #RecycleRightNY campaign and share the information with friends, family and neighbors to learn about how we can all support recycling programs by empowering ourselves and others with recycling knowledge.

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/

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 or their new location at East Aurora Flea Market on Big Tree Road, just west of the Village of East Aurora on Saturdays and Sundays. Profits from sales put people to work!

Hemlock Woolly Adelgid Educational Video

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

Citizen's Guide to Land Use and Zoning

Partnership for the Public Good just released Land Use and Zoning Law: a Citizen's Guide. This handbook was written by Arthur Giacalone, an attorney with many years' experience in land use law. It is a basic overview to help the public understand the zoning and land use development process. Zoning and land use decisions have major impacts on the well-being of a community. The purpose of this handbook is to help individuals and groups in Buffalo and Erie County understand land use and zoning law, terminology and procedures so they can more effectively express their concerns about proposed projects or changes in land use laws. Download here.

Guide to Talking about Climate Change with Kids

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

"The Story of Plastic"

The makers of "Story of Stuff" are finalizing a full-length film on the "Story of Plastic". To see a mini-documentary from the film, visit https://www.youtube.com/watch?v=PBhakv9DQFQ&feature=youtu.be

Current NY Environmental Bills List

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

Buffalo Niagara Heritage Village Hosts Water|Ways

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

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.

NYSERDA Farm Energy Audits

NYSERDA offers free energy audits to identify energy efficiency measures for eligible farms and on-farm producers, including but not limited to: dairies, orchards, greenhouses, vegetable growers, vineyards, grain dryers, and poultry/egg. Farms must be customers of a New York State investor-owned utility and contribute to the System Benefits Charge (SBC). Please check your farm's current electricity bills to determine if you pay SBC. Farms can request an energy audit through the Agriculture Energy Audit Program. NYSERDA will assign a Flexible Technical Assistance (FlexTech) Consultant to perform an energy audit.

"Give your Stuff Away Day" Seeking Host Communities

Got Stuff? Mike Morone is looking for municipalities within New York State to partner with and host pilot "Give Your Stuff Away Day" events in 2019. These are fun giveaway/recycling events. So far, a few communities nationwide and one in the UK have conducted "Give Your Stuff Away" type events, (http://giveyourstuffaway.com). If your area is interested in discussing a possible pilot, please contact Mike at (585) 749-5107 or mikemorone@gmail.com.

Business Membership Program to Encourage Greener Commuting

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

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

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

Communities Benefit from Collaborative Projects to Restore New York's Great Lakes Resources

The 2016-2018 Great Lakes Report details how DEC and its partners are restoring environmental quality, conserving natural resources, promoting resilient communities, and supporting sustainable development. Key projects include Lake Ontario flood mapping, municipal sewage system upgrades, projects that help prevent beach closures, restore habitat, and wetlands, and projects that use native plants to stabilize shorelines at Sodus Bay, Sacketts Harbor, and Irondequoit Bay. Report highlights include: DEC, New York State Department of Health, and other partners developed green infrastructure design plans for the Lake Erie beach in the town of Evans and the Point Gratiot Park beach in the city of Dunkirk to capture runoff, restore beach quality, and reduce closures; the completion of nine habitat restoration projects along the Buffalo River shoreline and five Niagara River habitat and wetland restoration project designs. For more information on getting involved in efforts to help protect and improve New York's Great Lakes at the local or regional level, visit DEC's website or email greatlakes@dec.ny.gov.

How to Check the Sustainability of your Restaurant Business

We are pleased to announce that the Green Restaurant Association is releasing a beta version of a new free online sustainability tool, called Green My Restaurant, that can help restaurants evaluate their level of environmental sustainability. The interactive online tool helps determine a restaurant's level of sustainability in the categories of energy, water, waste, food, chemicals, building, and disposables/reusables. With this information, a restaurant can determine if it would meet any of the 4 levels of becoming a Certified Green Restaurant®. It's a great tool to help a restaurant further its sustainability journey. The whole program takes about 15 minutes. Click here to begin.

Upcycling Plastic Bags into Battery Parts

While plastic bags may becoming less common, individuals are still trying to find ways to use these bags. One group has found a way to upcycle them into components for batteries. Watch a video here.

Benefits Calculator: Purchasing Greener IT Products

Green Electronics Council launched its new environmental benefits calculator for new and updated product categories, allowing purchasers to calculate the environmental benefits associated with purchasing IT products that meet the sustainability criteria of GEC's EPEAT ecolabel. The new GEC calculator includes three modules -- mobile phones, computers and displays, and servers – and generates results for 10 metrics, including cost savings and reduction in greenhouse gas emissions, energy use, water consumption, solid waste, and toxics. Equivalencies (e.g., cars off the road) are also provided to assist purchasers in communicating results within their organization and to external stakeholders. Try out the new calculator on the GEC website!

Your Guide to Farmer Grants in the Northeast

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

Water Sterilization with Carbon Dioxide

Australian researchers have successfully tested a new method for sterilizing water using hot bubbles of carbon dioxide, which uses less energy and is less harmful than chlorine or other chemical methods. In the new method, CO_2 gas is first heated to a set temperature, then piped into a tank of wastewater. The hot bubbles transfer heat to the water around them, and the hot surface layer of the bubbles is enough to kill bacteria and viruses in the liquid. More info at https://www.nature.com/articles/s41545-018-0027-5

New Resources Available to Reduce Hazardous Waste & Save Money

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

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.. 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.

Recycled and Biodegradable Fabric Aims to Reduce Microfiber Problem

Primaloft Bio insulation and fabric is made from 100% recyclable polyester, but also is 100% biodegradable. The company wanted to address the issue with microfibers in our landscape. Their proprietary process incorporating nutrients for microbes allows the material to break down in a landfill or the ocean in about a year. A number of major clothing companies are now using their fabric. Read more at https://www.fastcompany.com/90297349/this-microplastic-biodegrades-instead-of-sitting-around-for-hundreds-of-years

Green Schools Digest-Free e-book

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

Case Studies in Science Workshop

This summer's Case Studies in Science Workshop will be held **May 20-24, 2019** on the campus of the University at Buffalo, State University of New York. Our five-day workshop focuses on training science faculty (all levels) to teach with case studies, to write their own cases, and to assess their students' learning with cases. During the final two days of the workshop, all participants are required to teach a case before a student audience using a case they have developed during the workshop. In addition, workshop participants are expected to produce a case study within six months of the workshop for our national, peer-reviewed case collection. Past workshops have included faculty from biology, chemistry, physics, astronomy, computer science, mathematics, geology, psychology, anthropology, nursing, science education, dentistry, engineering, medicine, and other science-related disciplines. The registration fee for the workshop is $975.00. Detailed information including online registration is at http://sciencecases.lib.buffalo.edu/cs/training/workshops/

Earth Day 2019 Campaign

We invite you to join our Earth Day 2019 campaign to respond to the threats that are affecting the survival of all species, including our own. If you are ready to take the lead in educating and activating others or take direct action, here are some suggestions for you: Climate Education Week will start on Monday, April 15th (Climate Education Week Toolkit), Earth Day is April 22 (Earth Day Organizers Toolkit and the Protect Our Species Primer and Action Toolkit), and mobilize your college campus (MobilizeU Toolkit).

Teacher's Resources

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

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

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

Racing Extinction-Curriculum on endangered species.

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

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

Communicating Climate Change is a free resource to help educators engage with individuals on climate change.

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

STEM Teaching tools-free tools from site maintained by US government.

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

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

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

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

New GPS-STEM Lessons-Engage formal and informal students in real-world applications of STEM concepts inspired by GPS.

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

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

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

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

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

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

Climate Change Timeline describe early science leading up to the discovery of climate change.

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

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

Contests and Awards

Techstars & The Nature Conservancy Conservation Challenge- seeking for-profit entrepreneurs with commercially viable technologies to rapidly solve conservation challenges globally. Deadline: **April 7th, 2019**.

The Gloria Barron Prize for Young Heroes - celebrates inspiring, public-spirited young people from across the U.S. and Canada. Each year, the Prize honors 25 young leaders ages 8 to 18. Fifteen top winners receive $10,000 to support their service work or higher education. Deadline: **April 15**.

Civic Innovation Ecochallenge-Submissions due **April 22**.

2019 Science without Borders® Challenge theme is "*Connected Ocean: No Barriers, No Boundaries, and No Borders*." Students 11-19 years old are asked to illustrate how the ocean is connected. Scholarships of up to $500 are awarded to the winning entries. Deadline: **April 22, 2019** at 11:59 pm.

Antlion Pit Competition!-We are on the search for the next big idea! During Entomology 2019, you and other budding ento-preneurs have the unique opportunity to pitch your innovative ideas to the Antlion Pit in hopes of landing a cash prize to make your idea a reality. Deadline for submitting intent: **May 31**.

Grant and Scholarship Opportunities

Davis-Putter Scholarship Fund up to $15,000 is available for student activists who are organizing for social change and building progressive movements on campus and in community. Deadline: **April 1.**

Social, Behavioral, and Economic Research Needs in Aquaculture - supports research to address critical gaps in social, behavioral, and economic knowledge as it relates to U.S. aquaculture and the communities impacted and served by it. The initiative is informed by the National Strategic Plan for Federal Aquaculture Research; the Sea Grant 10-Year NOAA Sea Grant Aquaculture Vision; and previous research from federal, state, and university scientists. Letters of intent deadline: **April 2.**

U.S. Environmental Protection Agency's (EPA) Presidential Innovation Award for Environmental Educators (PIAEE). Since 1971, the EPA has recognized exceptional K-12 teachers employing innovative, interactive approaches to environmental education. Deadline: **April 5, 2019.**

2019 Air & Waste Management College Scholarship for Full-time undergraduate students attending a college or university located within the New York State counties of Allegany, Cattaraugus, Chautauqua, Erie, Niagara, and Wyoming during the 2018 - 2019 academic year. Deadline: **April 12, 2019**

Len Assante Scholarship was developed to nurture and support those who wish to pursue and advance careers involving the protection, distribution, remediation, and responsible utilization of groundwater resources. Scholarships are for full-time students only (including high school seniors who are applying for scholarships to be used in their first quarter or semester of post-secondary study). Deadline: **April 15.**

Advanced Aquaculture Collaborative Programs - NOAA-OAR-SG-2019-2005963 will serve as geographic or topic-based hubs for fully integrated, transdisciplinary research, outreach, and education that will provide broad, non-proprietary support and investment for building and/or enhancing an aquaculture industry. Deadline for letter of intent: **April 15.**

The Master Gardeners of Erie County Scholarship offers $1,000 to high school seniors who are going on to college to study horticulture, botany or a related field. Deadline: **Monday, April 15**.

Sustain Our Great Lakes is soliciting proposals to benefit fish, wildlife, habitat and water quality in the Great Lakes basin. The program will award grants in 2019 to improve and enhance: 1) stream and riparian habitat; 2) coastal wetland habitat; and 3) water quality in the Great Lakes and its tributaries. Approximately $8.2 million is expected to be available for grant awards in 2019. Deadline: **April 18, 2019**.

Farvolden Scholarships are made in memory of Robert Farvolden of the University of Waterloo and former National Ground Water Association Director of Science and Technology for full-time students that submit an abstract for a poster/platform presentation at NGWA's Groundwater Week Summit. All such students whose abstracts are accepted for presentation will be evaluated at the event by two or more judges. The four students with the highest scores will receive the Farvolden Scholarships. Deadline: **April 21, 2019**.

Northeast SARE Grant for Ag Service Providers and Educators -Up to $30,000 in funding is available for a project that serves the needs, interests and expertise of farmers and farming partners in the Northeast. This grant is available for ag service providers, educators, or researchers who are directly working with farmers in the Northeast. Special interest given to projects with multidisciplinary collaboration and complex subject matter. Deadline: **April 23**.

Amherst Garden Club Scholarship is offering a $1,500 scholarship to a student planning to study Horticulture, Landscaping, Environmental Issues, or related field. Deadline: **May 1**.

Graduate Student Agriculture Grants-Research grants are available to fund graduate student projects that explore sustainable agriculture themes of environmental stewardship, farm profitability and quality of life for farmers and the farm community. Successful applicants will receive up to $15,000 for their research project. Deadline: **May 7**.

Climate Resilient Farming- goal is to reduce the impact of agriculture on climate change (mitigation) and to increase the resiliency of New York State farms in the face of a changing climate (adaptation). Deadline: **May 13**.

The Buildings of Excellence Competition aims to accelerate the design, development, construction, and operation of very low or zero carbon emitting buildings. NYSERDA seeks proposals for projects that reduce their energy consumption and per capita carbon emissions in a manner which can be replicated at scale. Selected projects are eligible to receive up to $1,000,000 in direct funding, as well as support for initiatives focused on broad marketing and public awareness. **Proposals Due:** June 4, 2019 by 3:00 p.m. EST

H20 for Life Mini-Grants provide $250-$500 mini-grants for schools to organize projects that educate youth about the global water crisis and help them take action to provide water, sanitation and hygiene education (WASH) for global partner schools. **Deadline: Rolling**

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

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

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

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

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

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

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

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

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. 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.

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

Farm Business Management Educator-Join the innovative agriculture team at Cornell Cooperative Extension of Erie County as a Farm Business Management Educator working with beginning and established farmers throughout the county, including the City of Buffalo.Share your knowledge of farming, marketing, and operating a business. Bachelor's degree with four years of experience required or a Master's degree. Generous benefits package. Deadline: **April 4, 2019**.

Natural Resources Technician-Niagara County Soil and Water. Deadline: **April 8, 2019**.

Conservation District Assistant- Niagara County Soil and Water. Deadline: **April 8, 2019**.

SPCA Summer Camp Counselor- Erie County SPCA, 40hrs/week seasonal. Deadline: **April 12, 2019**.

Buffalo Niagara Waterkeeper Summer Internships- Environmental Justice/Restore Corps Intern, Monthly Waterway Cleanup Intern, River Tours Intern. Deadline: **April 16, 2019**

Development and Communications Assistant-WNY Land Conservancy , individual will contribute to a diverse array of projects, including but not limited to farmland and natural land acquisitions, a multi-year effort to restore habitat in the Niagara Gorge, and community-conservation project to create a new urban nature trail and greenway in downtown Buffalo. Deadline: **Friday, April 19**.

Job Posting Community Energy Advisor-PUSH Buffalo, Full-time. Community Energy Advisor (CEA) facilitates awareness of and connects customers to appropriate NYSERDA and non-NYSERDA (e.g. utility programs, HEAP, PUSH Green, etc.) energy efficiency and clean energy programs and resources, steps to participate in the programs, program financing, program benefits, and contractor participation and responsibilities. The CEA advocates for and supports clients as they seek to access programs and services.

Community Garden and Outreach Assistant position- Green Shoots for New Americans is a refugee urban agriculture training program at Journey's End Refugee Services. Part-time.

Director of STEM Learning- Buffalo Science Museum.

Discovery Camp Head Counselor at Tifft Nature Preserve.

Adirondacks Job Board-includes seasonal opportunities.

Invasive Species Management Coordinator and Work Crew Positions-Jamestown Audubon Center, temporary, summer.

SCA Excelsior Conservation Corps-Seeking applicants between the ages of 18 and 25 to work on infrastructure and sustainability, invasive species removal, trail construction, and other environmental conservation-related projects.

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

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

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

ASHA Animal Sanctuary Internships- Seeking individuals for administrative, development, visitor programs and animal care positions.

Buffalo & Erie County Botanical Gardens Internships-Seeking individuals to work with Education Dept., Special Events, and Horticulture.

Summer 4-H Intern will work as part of the 4-H Youth Development team at Cornell Cooperative Extension of Niagara County. She/he will serve as a counselor for the 4-H Summer Day Camp and will have the opportunity to assist with planning and delivering interactive educational programming with an emphasis on STEM (Science, Technology, Engineering, and Math). The intern will also assist with preparing 4-H activities/displays for and working at the Niagara County Fair, the largest public event in our county.

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

Citizen Science

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

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

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

Bumblebee Watch- Spring has sprung, record your bumble bee sightings!

Caterpillars Count!, a citizen science project, could use your help to find out if plants, insects and birds are all responding to ongoing changes in climate to the same degree. You can also count caterpillars at your own site, whether it's your own property, at a school or in a park. Here is what you would need: At least 10 trees, but ideally 30 or more, The ability to carry out surveys at least six times over the late spring and summer, An existing pool of potential participants who could share the work of conducting these surveys, or a single individual willing to dedicate the time required.
See details about counting caterpillars at your own survey site here.

Upcoming Community Activities:

Monday, April 1

GObike Volunteer Night- 6 pm at the GObike Community Workshop (98 Colvin Avenue). RSVP here.

Bowmansville Garden Club-7pm at Bowmansville Fire Hall, 36 Main St. Bowmansville. Herbalist Sarah Sorci, owner of Sweet Flag Herbs, will present "Medicinal Plants for the Home Garden." If you want to attend this meeting and/or join the Bowmansville Garden Club, please contact Lynne Lowery at 716-290-9617 or llowery@sprintmail.com.

Tuesday, April 2

Tuesday Evening Hike-6-8pm, Tuesday evening hikes are free. Dress for the weather. Make sure you bring water and proper foot attire. We will meet at Paths, Peaks & Paddles at 5:45 pm. We try to car pool weekly to our planned hike location. We like to have vehicle wheels rolling at 6:00 PM. If you would like to join us feel free to contact us Tuesday afternoon. Feel free to email christine@pathspeakspaddles.com or call us at 716-213-0350 for the evening adventure.

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/category/lecture-series/library/

A Conversation About the End of the World: Militarism, Climate Justice, and You-7:00 PM, Emerson Room, Unitarian Church, 6320 Main St., Williamsville. Urgently calling religious liberals of all faiths, for a much-needed conversation. Humanity's climate emergency is now so grave that climate scientists are raising the prospect of human extinction. Hoping to spark principled resistance by religious liberals, facilitator Patrick Walker will cite mainstream militarist narratives—such as Russiagate hysteria and the slanted media portrayal of Venezuela's crisis—as types of foreign policy "business as usual" liberal churches must forcefully oppose if we wish our voice to count in saving a livable climate and, ultimately, human civilization. Hope you'll join this timely conversation.

Trout and Water Quality Presentation- 5pm – 7pm at Shaggy's (map). The Chautauqua Watershed Conservancy (CWC) invites you to kick off the spring trout fishing season with updates on the state of the Chautauqua County trout fishery and Chautauqua Lake sediment and erosion control projects on lake tributary streams. The event will be held in the upstairs of the See-Zurh House. The event is free and open to the public.

Using Native Plants in Your Garden-7pm at Audubon Branch Library, 350 John James Audubon Parkway. This lecture will cover a large variety of native plants that grow successfully in our area including trees and shrubs. It will also cover what really are native plants and why it is important to keep them in our landscape. After retiring as a kindergarten teacher, Lyn Chimera followed her lifelong love of nature and gardening and received her Master Gardener certification from Cornell. She began a garden consulting business, Lessons from Nature, which provides on-site garden consulting, site assessment and gardening classes, which also sells organically grown perennials and native plants. She makes house calls to help solve garden problems. Lyn is also an active volunteer for Master Gardeners, for which she teaches and mans the hotline phones. She has published a book, Five Keys to Better Gardening, writes a monthly gardening column for After 50 magazine, and contributes for Garden Tips to Upstate Gardeners Journal as well as articles for the Master Gardener Newsletter, and Figure 8, the Federated Garden Clubs publication. IF YOU ARE INTERESTED IN ATTENDING ANY PROGRAMS IN THE SERIES, PLEASE REGISTER BY PHONE (716-689-4922).

Wednesday, April 3

GBNRTC Monthly Meeting-Public welcome. 9:30 to 11am at NYSDOT office, 100 Seneca St., Buffalo. All are invited to attend Planning and Coordinating Committee (PCC) Meetings to discuss transportation events, planning initiatives, and projects with GBNRTC Member Agencies.

Symposium of Architectural History: The Whiteness of 19th Century American Architecture-noon to 6pm at UB South, 403 Hayes Hall, Buffalo. This symposium examines the racial discourses that subtended "American Architecture" movements during the long nineteenth century. Explore this site to learn more about the specific themes, case studies and speakers that will be featured at this event. "The Whiteness of American Architecture" is organized by Charles Davis II, UB assistant professor of architecture. This event is free and open to the public. Registration is not required.

Vision Niagara Spring Happy Hour- Community Beer Works, 5:00 pm-8pm, 520 7th Street. Meet our very energetic board members for a refreshing brew. Let's celebrate all the good stuff we've been doing in the Niagara Street corridor and plan more for the future! Our attendees will get $1.00 off core beers! This event is at CBW's new taproom, 520 7th Street, Buffalo, NY 14201.

Buffalo Talks: Tall Ships Visit –Noon to 1pm at Buffalo & Erie County Central Library. Join us to hear Michael Vogel, founding President of the Buffalo Lighthouse Association, talk about the Tall Ships Festival that will be coming to Canalside on the July 4th Holiday weekend! Free. Click Here to Register

Volunteer Training Sessions for Tour Guides - 10am to 12 noon at Beaver Meadow Audubon Center. You do not have to attend all sessions. Call the Center at 585-457-3228 for more information on how these training sessions work and how you can learn to inspire today's youth by becoming a volunteer at Beaver Meadow. Session Topic- Behaviors and Adaptations.

Food, Health and Planet: The Connection- Speaker is J. Morris Hicks. 6 to 8:30pm at the Screening Room, 880 Alberta Dr., 14226. Hosted by Buffalo Vegan Society. FREE + VEGAN DISH TO PASS* ($10 Suggested donation or anything our guests can afford. No one will be turned away. The suggested donation is for those in good financial circumstances only to consider. The donation helps to cover speaker travel and stipend, venue rental, etc.). Info.

Science Museum Adult Workshop: Demolition Derby-$15 per participant, 6:30 - 7:30 p.m. Buffalo Science Museum. Test design strategy in a head-to-head demolition derby with R/C cars and LEGO bricks. Crash and rework your cars to beat the competition. Your chassis from home are welcomed in this tear-down shop! Register

Buffalo Talks: Tall Ships- Noon to 1pm at Buffalo Central Library. Michael Vogel, founding President of the Buffalo Lighthouse Association, talk about the Tall Ships Festival that will be coming to Canalside on the July 4th Holiday weekend! Free, but reserve your spot.

Thursday, April 4

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.

Genesee County Master Gardeners Talk-free from 12:15 to 12:45 p.m. on the first Thursday of the month at the Cornell Cooperative Extension office, 420 E. Main St, Batavia. Take your lunch. Registration not required. "Composting 101" Keep your new year's resolution and start composting this year. There are many different ways to make a compost pile and we'll explore some of the ways.

Proven Winners-Part 1 -6:30 p.m. Thursdays at Lockwood's Garden Center, 4484 Clark St., Hamburg.
Part 1 will be held April 4 and Part 2 will be held April 25. The price is $10 per session or $18 for both sessions. Get a behind-the-scenes look at how these garden winners are trialed and tested before they go into production at Lockwood's. Valerie Rollins of Four Star Greenhouses in Michigan will explain how Proven Winners annuals are grown and selected for hardiness, bloom size, color and longevity. Learn what is new in the greenhouses for 2019. register

"Tree Selection for Any Condition"- 1 p.m. at Draves Arboretum, 1821 Sharrick Rd., Darien.
The first part of the presentation will be in a classroom setting, then the group will be move outside to the arboretum grounds. Dr. Nina Bassuk, professor and program leader of the Urban Horticulture Institute at Cornell University for the past 38 years, will speak. Admission is $45. Pre-register by contacting the Arboretum at 585-547-9442 or dravesarboretum@rochester.rr.com. The presentation will look at the question: What is the best urban tree? There are many common trees that are preferentially grown in cities worldwide. In the eastern United States, maples (Acer spp.) make up about 40 percent of the urban tree population. In Scandinavia and other parts of Europe, lindens (Tilia spp.) make up a very large percent of the urban tree population. The problem with growing just a few tried and true species is that if they become susceptible to an insect or disease (and inevitably there is always some new insect or disease!), the demise of these trees causes an enormous negative effect on the urban landscape. Moreover, tree planting sites are subject to microclimates and soil disturbance caused by buildings and paved surfaces and the aftereffects of urban development. With a combination of knowledgeable site assessment, soil remediation strategies and appropriate plant selection, we can make the best choices for thriving plants in any site.

Orchard Park Garden Club- 1 p.m. at the Orchard Park Presbyterian Church, 4369 S. Buffalo St., Orchard Park. Sign-ups begin at 1 with refreshments at 1:30 and the program at 2 p.m. The Program will be "Plastic Pollution." Brian Smith, executive director for Citizens Campaigning for the Environment, will speak about the threat that plastic pollution poses to the health of our Great Lakes and communities. He will also discuss solutions to these threats, ranging from action that individuals can take, to changes in local, state and federal policy.

Business Energy Treasure Hunt Happy Hour- Join us for our Happy Hour enjoying award-winning craft beer & pretzels, 4 to 5:30pm at Community Beer Works. The WNY Sustainable Business Roundtable has gathered all the resources needed to get your company started with an Energy Treasure Hunt of its own! register

Friday, April 5

Vernal Pool Magic!- 7:30 p.m. – 9:00 p.m. at Evangola State Park. Don't be a fool, a toad on a stool, come discover a seasonal pool! Inflating their throats, with a balloon-like sack, an amphibian attack, with a wood frog quack. Blue-spotted salamanders perform breeding dances too, and stick their eggs to branches like glue. Feathery gills, it's part of the thrills, gee this is cool, I love vernal pools! ***For information and registration call (716) 549-1050.***

The *10th* Buffalo Poverty Research Workshop- 9:00 am – 12:30 pm ,will offer new and ongoing local research, promising strategies to address drivers of poverty, and opportunities for collaboration. The workshop is designed for local scholars, social service agencies, advocates, government leaders and staff, among others. Topics will include efforts to reduce lead exposure, racial disparities and homelessness, food access and barriers, and housing trends and evictions in Buffalo. This workshop is also free and open to the public. Please register here. Buffalo & Erie County Public Library
Auditorium (enter from Clinton St). 1 Lafayette Square, Buffalo, NY 14203

Agribusiness Outreach Forum-8:30 AM - 12:00 PM at Cornell Cooperative Extension of Niagara County (CCE), 4487 Lake Avenue in Lockport. Attendees will have the opportunity to meet with representatives and hear about key resources from Local, State and Federal Economic Development and Agricultural Agencies. The event is free to attend but due to limited space **preregistration is required**. The event is a great opportunity to learn more about tax incentives, energy programs and grant programs that are available to assist new and existing small and medium-sized farms and agricultural-based businesses that are looking to start up or expand. Registration will begin at 8:30am and light refreshments will also be available at that time. The program will run from 9:00am until 11:00am and will include two separate panels of speakers with a short break and refreshments offered in between sessions. At 11:00am, guests will have the opportunity to speak to representatives from the attending agencies and/or tour the WNY Food Incubator, CCE-Niagara's shared-use commercial kitchen. To reserve your seat, please call Bonnie at 716-278-8760 or email her at bonnie.satarian@niagaracounty.com. You can also register online at: https://buff.ly/2XVSh9x

Saturday, April 6

Horticulture VI: Tough Plants for Tough Sites-The Buffalo and Erie County Botanical Gardens will hold a series of Horticulture VI classes from 11 a.m. to 1 p.m. on five Saturdays at the Botanical Gardens, 2655 South Park Ave., Buffalo. The cost for Botanical Gardens members is $100 for the entire series or $20 per class. For the general public, the cost is $125 for the series or $25 per class. The classes are taught by Horticulturist David Clark. These classes are intended for beginners or gardeners and landscapers wishing to brush up on their skills. Those who complete each series will be presented with a certificate of completion. More information and registration is available online.

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

Wildlife & Native Gardening- A free workshop series for new and old gardens, to keep your mind and body warm for the growing season ahead! Space is limited and registration is required. All workshops start promptly at 2pm. Please arrive 10 mins in advance. To register or for any questions please email info@urbanroots.org or call 716-362-8982. Grassroots Gardens, 30 C. Essex St., Buffalo.

Family Nature Quest: Busy Beavers-10:30am. Celebrate International Beaver Day with a short guided walk to visit a beaver lodge and look for clues of active beaver. Try out your engineering skills as you build and test your own beaver dam. Registration required; call 716-683-5959. Reinstein Woods Nature Preserve.

Birder Boot Camp: Intro to Birding – 10am to noon.Join a monthly gathering throughout 2019 with Naturalist Tom Kerr and other guest speakers for a series that focuses on birding hot spots along the Niagara River Important Bird Area. Each session will concentrate on a different topic, with the first of the series focusing on how to use binoculars and a field guide, as well as how to set up your own eBird account to record your sightings. Pre-registration is required. This session will take place at Beaver Meadow Audubon Center. $7 per session or $50 for the series of 9 sessions. Call 585-457-3228 to register.

Observatory at Beaver Meadow – Dusk. The Buffalo Astronomical Association will show visitors the illuminated night sky at their Observatory located near the parking lot. Open rain or shine. Visitors are invited to bring their own equipment for viewing. Donations gratefully accepted.

Woods Walk: Nature Guide's Choice-1pm. Join a guided nature walk through the woods. No registration required. Reinstein Woods Nature Preserve.

Eagle Watch at Iroquois NWR- 1 to 4pm LEAD: Bob Ensminger LOCATION: Cayuga Overlook (Rt. 77) View and learn about resident bald eagles and other migratory birds at one of our most popular events. Bring binoculars and/or share scopes. Weather dependent. All events are free and open to the public. For info, 585-948-5445.

Birding by Car- 10 am– 12 pm. Lead: Jan Beglinger LOCATION: Cayuga Overlook (Rt. 77), Iroquois NWR> An experienced birding team will take you to the numerous birding sites around the refuge to point out all the spring migrants and local residents of the refuge. Info at 585-948-5445.

Refresh, Restyle, & Reimagine Your Home's Curb Appeal- 10:30 am at Lockwood's Nursery, Hamburg. Beth Henesey will present you with some great ideas to improve your home's curb appeal this spring. Price: $10.00. Register at https://weknowplants.com/classes-and-events/

Volunteer Cleanup with The Tool Library-10am at 5 W. Northrup Place for Main Street Cleanup. RSVP at www.thetoollibrary.org/service

Field Trip: Owl Woods at Braddock Bay- Leader Jim Adams. Meet at 8:00a.m. at the parking lot across from the entrance to Owl Woods. We are very fortunate this year to have a member of Braddock Bay Raptor Research as our guide through Owl Woods. Our main focus here will be the unequivocally endearing Saw-whet Owl. This migratory species is difficult to detect while roosting but with Jim's assistance we hope to see one. Long-eared Owl is also a possibility. We will spend about an hour and a half walking the spruce grove in search of these owls. If the weather permits, we may be able to get a tour of an operating hawk banding station to boot! This 1/2 day trip will have a 20-person limit. Please email Alec Humann (alechumann@msn.com) to reserve your spot! BOS members will have priority. Braddock Bay, Owl Woods (off Manitou Beach Rd.) (map)

Orienteering Course Design Workshop-This workshop is for anyone interested in learning how to design an orienteering course and/or use the Purple Pen software. See all the details below and be sure to register if you are interested. The workshop is open to club members. Information on joining the club can be found here. 9:45am to 12:45pm at Hyatt's All Things Creative, 1941 Elmwood Ave., Buffalo
Participants may sign up for Part One or Part Two or both. For Part Two, they will need a laptop with Purple Pen loaded. Instructions will be provided for this. Workshop limited to 12 participants. Register by email to davidcady@gmail.com. Registration deadline is **Wednesday April 3 at 9 PM**. For questions call 716-322-8049. Part One: *Principles of Course Design*. We will examine the color coded courses adopted by OUSA and discuss the requirements and characteristics of each. We will look at courses from actual events and analyze how well they meet the criteria. Finally, we will practice drawing our own courses on club maps. Part Two: *Using Purple Pen*. This software is widely used for designing courses and placing the course symbols on maps in preparation for printing. We will practice setting courses in order to get familiar with the capabilities of the software. Participants must bring their own laptops with Purple Pen already loaded. Upon registration, instructions will be sent on how to do this. The club has two laptops which may be borrowed. If you wish to borrow one of these laptops, indicate this when registering.

History & Cultivation of Common Herbs- 10am to noon. Cornell Cooperative Extension Agricultural Center, 3542 Turner Rd. Jamestown 14701. $10. Click here to register. Around the world, plants we think of as "culinary herbs" traditionally had a broader range of uses. Community Herbalist Sarah Sorci will briefly discuss the growing preferences and uses of common herbs like thyme, lavender, rosemary, lemon balm, sage and more. She will share recipes and samples of herb-infused vinegar, infused honey and more.

Old Woods Hike-10:00am-12:30pm at Stigelmeier Park, Cheektowaga. A gentle hike through an ancient forest with a focus on old growth ecology and Spring happenings. Register at https://earthspiritedu.org/events/

Sunday, April 7

Reflective Walk at Delaware Park-10:45am to 11:30am starting and ending at the Marcy Casino, Delaware Park. Free.

Vernal Pool Magic!- 10:00 a.m. – 12:00 p.m. at Evangola State Park. Don't be a fool, a toad on a stool, come discover a seasonal pool! Inflating their throats, with a balloon-like sack, an amphibian attack, with a wood frog quack. Blue-spotted salamanders perform breeding dances too, and stick their eggs to branches like glue. Feathery gills, it's part of the thrills, gee this is cool, I love vernal pools! ***For information and registration call (716) 549-1050.***

Springtime Bluebird Walk-10:00 a.m. – 12:00 p.m. at Evangola State Park. Thanks to the efforts of local youth and conservation groups, Evangola is home to an incredible number of nesting Bluebirds. Join us for a walk along the parks Bluebird trail to enjoy the beauty that is our state bird. ***For information and registration call (716) 549-1050.***

Western New York Iris Society- 1:15 p.m. at the home of Maria Gerbracht, 125 Lafayette Blvd., Williamsville. The territory that the Western New York Iris Society covers has expanded to include all of Western New York and Ontario. Everyone is welcome to attend. For more information, call Marilee Farry, president, at 716-668-1789.

A Gardenville Walk with Charles E. Burchfield- 2 to 4pm at Burchfield Art and Nature Center, 2001 Union Rd., West Seneca. Seating limited-reserve at 716-677-4843. A Powerpoint presentation incorporating photos and Burchfield's art work.

Monday, April 8

Paris to Pittsburgh-Free film screening at 7pm at Daemen College, Schenck Hall, Room 107. For info, contact byoung@daemen.edu.

Springville Concord Garden Club-10:30 a.m. at the Concord Senior Center, 40 Commerce Dr., Springville. Rich Wells, guest speaker, will give a presentation on bluebirds and bird houses.

Slow Roll Release Party-Join GObike Buffalo, Slow Roll Squad, and our presenting partner Independent Health in celebrating the release of our 2019 six-month schedule of free and inclusive community bike rides around Western New York for all ages and skills levels! More than 50 rides will be announced as part of a party at the Broadway Market 5-8pm. Admission is free to our Schedule Release Party, which will offer food and drinks, fun and games, live music and market vendors - with spring being peak season at the Broadway Market, many resident and seasonal vendors will extend their hours to participate in the party. Proceeds from auctions and raffles as well as sales of local beer, wine and spirits will help cover costs of keeping the upcoming rides free and open to all.

Tuesday, April 9

Tuesday Evening Hike-6-8pm, Tuesday evening hikes are free. Dress for the weather. Make sure you bring water and proper foot attire. We will meet at Paths, Peaks & Paddles at 5:45 pm. We try to car pool weekly to our planned hike location. We like to have vehicle wheels rolling at 6:00 PM. If you would like to join us feel free to contact us Tuesday afternoon. Feel free to email christine@pathspeakspaddles.com or call us at 716-213-0350 for the evening adventure.

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/category/lecture-series/library/

Kenmore Garden Club- 10 a.m. in Kenmore United Methodist Church, 32 Landers Rd., Kenmore.
Kathy Shadrack will give a slide presentation on "The Book of Little Hostas," which she co-authored with Mike Shadrack. It will include a review of small and mini hostas, the shapes and colors that are available in the market, where to display them to best advantage, and special cultural needs including winterizing.

ADK Meeting- Education Workshop: Birding for Hikers | 6:30 Have you ever seen or heard a bird while on a hike, paddle, or bike outing and wondered which bird it was? At the May education workshop, we will review bird species commonly seen and/or heard during WNY outings. Field marks, habitat, and calls will be highlighted, so that maybe the next time, you'll be able to say "I know that bird!" Our education workshop is from 6:30 to 7:15 in the room adjacent to our main meeting room. Gardening for Sustainability | 7:30 Our April speaker will be Master Gardener Lynn Chimera. She'll be discussing sustainability and preserving endangered species. The program will cover what constitutes sustainability, how the home gardener can contribute and how sustainability can help endangered species large and small. We look forward to seeing you all at April's meeting! Think Spring! Fellowship Hall, Amherst Community Church 77 Washington Hwy., Snyder.

Adult Workshop: Poetry in the Particulars- 7 - 8:30 P.M. at Tifft Nature Preserve, adults only, $12. Sign-up for a special evening of ADULT-ONLY fun, food and science! Meet local nature-enthusiasts, share your interest and learn something new! Refreshments provided. Spend an evening enjoying the writings of the late poet Mary Oliver, then try your hand at crafting poetry of your own. Walk the Preserve (weather permitting), then spend time indoors crafting and discussing poetry with poet, essayist and University of Buffalo faculty, Jamie Barber. *Advanced registration required.* Register

BANFF Centre Mountain Film Festival World Tour-7:00pm at Reg Lenna Center for the Arts, Jamestown. *VIP tickets available including premium seating and a private reception at the 3rd on 3rd Gallery before the show!* For the 15th year, the Roger Tory Peterson Institute of Natural History will bring the spirit of outdoor adventure to Jamestown when they present the Banff Mountain Film Festival World Tour on Tuesday, April 9th at 7:00pm! We are offering VIP tickets for $40 which admit the ticketholders to a pre-event gathering, including live music, hors d'oeuvres, and more at the 3rd on 3rd Gallery at the Reg Lenna, located at 108 E. 3rd Street in Jamestown. Other ticket levels are $25 for adults and $15 for students and children under 14. Tickets are available in person from the Reg Lenna Center for the Arts box office or by calling 716-484-7070, and by visiting reglenna.com.

GreenNY Sustainability webinar: Greening Your Commute-12:00 pm - 1:00 pm for topic, visit GreenNY Sustainability Series of webinars to learn simple tips and tricks on ways to help the environment and save money. Webinars take place at noon on the second Tuesday of the month.

Wednesday, April 10

Climate Change and Africa: Impacts and Responses- 9am to 4pm at University at Buffalo, 107 Capen Hall, North Campus. Free event. Alison L. Des Forges Memorial Committee sponsors the event. Info at https://calendarmedia.blob.core.windows.net/assets/04a4f291-aa25-4c39-8213-bd03c93e3012.pdf

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

Beekeeping Class - Bees in Trees-6:00 PM 7:00 PM at Masterson's Nursery, East Aurora. Dan has done quite a bit of research about the natural honeybee habitat, which is typically a tree cavity. Dan will share information about the natural habits of honeybees and what we can learn from observing them in their natural state. Weather permitting, he will also demonstrate how to create a "bee tree" from a hollow tree trunk, and you might even get to go check out his live bee tree! Register.

Historic Homeowner Tax Credit Drop-In Workshop-6 to 8pm. The Drop-In Workshop is a chance to get information about the NYS Historic Homeowner Tax Credit program and to even bring in your own application with any questions! The Drop-In Workshop is $10 for the general public and free for PBN members. Pre-registration is requested by calling 716-852-3300. Lockport Municipal Building.

Sierra Club Annual Dinner- $32. Reservations required, 6-8pm at Unitarian Universalist Church, Elmwood, Buffalo. This year we are celebrating our eco-heros with a plant based meal catered to perfection. We hope you will join Sierra Club Niagara to honor a year of accomplishments, hard work and passion for the planet from our volunteers and our award winners. We have priced our dinner below costs but if you want to come and it's too costly please contact us at niagarasierra@gmail.com. We will work something out. The venue is handicapped accessible and on a bus route.

WNY Stormwater Coalition Meeting-2 pm to 3:30 pm at Julia Boyer Reinstein Library, 1030 Losson Road, Cheektowaga, NY 14227.

UB Lecture Series: Sarah Lopez: Migrant Detention, Incarceration and the Spatial Imagination-6:00 PM to 7:30 PM at University at Buffalo, 403 Hayes Hall3435 Main Street, Buffalo. Texas has more migrant detention centers and migrant prisons than any other state in the Union. Sarah Lopez focuses the construction and design of migrant detention facilities in Texas since the 1960s in relation to immigration policy and private prison practices. Using archival and ethnographic methods that include historic newspaper articles, ICE contracts and documents, satellite imagery, field observations and interviews, this historic genealogy of the construction of detention facilities reveals the government's abdication of design responsibilities as private prison corporations and construction companies assume authority and responsibility for making critical design decisions that impact migrants' daily lives. This event is free and open to the public. Registration is not required.

Buffalo Ornithological Society Meeting: Jean Iron Presents on Antarctic Seabirds- Cummings Room of the Buffalo Museum of Science at 7:00 PM. In this presentation, we will look at superb adaptations and sleek plumages of seabirds from albatrosses to tiny storm-petrels living in remote, windswept, cold Antarctica. In our quest for pelagic birds of the southern ocean, Jean will take us on an Antarctic voyage illustrated with photos and action videos.

Volunteer Training Sessions for Tour Guides - 10am to 12 noon at Beaver Meadow Audubon Center. You do not have to attend all sessions. Call the Center at 585-457-3228 for more information on how these training sessions work and how you can learn to inspire today's youth by becoming a volunteer at Beaver Meadow. Session Topic- The Grandpa Tree.

DL&W Design Ideas Competition Open House-M&T Center, 3 Fountain Plaza, Buffalo from 6-8pm. We are holding an international design ideas competition to transform the former elevated DL&W railroad corridor running from Canalside to the Buffalo River into an inspiring new nature trail and greenway. Nearly one hundred proposals were submitted from across the region, the country and around the world. Nature lovers, trail users, and people excited about the revitalization of Buffalo's waterfront and communities are now being encouraged to vote for their favorite design ideas. The design that receives the most votes will win the Community Choice Award! All are invited to attend this open house to see the top designs. Registration is recommended to speed up the check-in process, but walk-ins are also welcome.

CommuniTree Steward Class- 5:45 – 8 p.m. at the Parkside Lodge, 84 Parkside Dr., Buffalo. Topic: Pruning, Safety and Regulations. The fee is $25. You can register here. Cornell Cooperative Extension of Erie County, along with a number of partners, runs this classroom and in-field training series to teach Buffalo-area residents to care for juvenile trees. Instructors for the classes included professionals in the fields of arboriculture and biology. Funding has been provided to the project by the Buffalo Green Fund. Representatives from the City of Buffalo Department of Parks and Recreation, Re-Tree, Wendel Companies and Buffalo Olmsted Conservancy helped to organize the training. Following the training, participants volunteer their time to assist in urban street tree planting and maintenance projects.

Behind the Sciences Tours: Geology Rocks- Buffalo Science Museum, 6 to 8pm for 18+, $25 per participant which includes museum entry. Go behind the scenes to see what few have seen and explore the Museum's Collection. Tours are approximately two hours in length. Register online or by phone at least one week in advance. Come behind the scenes and see the rock cycle, marvel at our minerals and discover our large fossil collection. Register.

Volunteer Orientation for Explore Buffalo- 7pm, 90 minute session. Info and application.

Buffalo Meets- Join us at Raclettes for Working For Downtown's premier social event, Buffalo Meets. Formerly known as Thursday's in the City, we're putting together some of Buffalo's most interesting venues with Buffalo's most interesting people and companies. **Register for this event here!** The event will run from 5 – 8 PM and is hosted by Working for Downtown and sponsored by Litelab.

Wednesday, April 10, 2019

Hump Day Hike

Location: Times Beach Nature Preserve| N end of Fuhrmann Blvd, next to the Coast Guard Station| 6:30 pm. Join a Park Ranger on Wednesday evenings for a vigorous guided walk. Each week we will explore a different park and see what we can find. Please wear weather appropriate clothing, bring your pack with the 10 Essentials, and don't forget your water. No registration required. Meet at the South Gate at 6:30 pm. The hike will last 1 hour.

Thursday, April 11

State of Lake Erie Fisheries Meeting- 7 to 9pm at Southtowns Walleye Association Club House, 5895 Southwestern Blvd., Hamburg. Free and open to the public.

Beyond Plastics-Judith Enck, Former EPA Regional Administrator and founder of Beyond Plastics, will deliver a free, public lecture at 6pm at Jacobs School of Medicine, University at Buffalo Downtown. Due to limited seating, please register. Come explore how to build a grassroots movement against single use plastic packaging and how to work on policy changes in addition to consumer change.

Educator Workshop: Great Lakes Basin Bins-4 to 6pm. Join an interactive, hands-on workshop by NYSDEC and NY Sea Grant that provides K-12 educators with an introduction to the resources and classroom activities included in the Great Lakes Educator Ecosystem Exchange (GLEEE) Basin Bins. Participants will receive a $50 stipend for attending and refreshments will be provided. For educators of students in grades K- 12. Registration required; call 716-683-5959. Reinstein Woods Nature Preserve.

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

UB Lecture Series: Staging Fascism: Contemporary Artistic Practice and Rationalist Urban Space-5:30 PM 8:00 PM at University at Buffalo, Anderson Gallery1, Martha Jackson Place, Buffalo. This panel tackles the complex interrelation between artistic practices and their historically charged subjects in urban environments. Three of the participating artists, Eiko Grimberg (Berlin), Heidi Specker (Berlin), and Caterina Borelli (Rome), and UB faculty from the departments of Art (John Opera), History (Camilo Trumper), and Architecture (Charles Davis) discuss tensions and ambivalences at sites that once served as propagandistic stage sets of Fascist power. This event is free and open to the public. Registration is not required.

Lancaster Garden Club- 6:30 p.m. at St. John's Lutheran Church Hall, 55 Pleasant Ave., Lancaster. Note the new starting time. The theme will be "A Tea Party Fit for Royalty." Feel free to wear your tea hat, gloves and pearls and take a tea cup and saucer. Sally Cunningham, co-author of the book Buffalo-Style Gardens, will show you gardens through new eyes as you "garden walk" with her.

Friday, April 12

Nikola Night Homage at Hotel Henry- Funds from the gala will be dedicated to preserving Tesla's legacy in Buffalo. At the event, guests will learn more about sculptor Larry Griffis' 7-ft tall bronze statue of Tesla, which will be dedicated in downtown Buffalo sometime this fall. People are welcome to suggest pertinent items for the statue's time capsule. 7 PM – 10 PM at 444 Forest Avenue, Buffalo, New York 14213
Tickets · $75 – $125 | Eventbrite

Taste of Paradise-6 to 9pm at the Buffalo & Erie County Botanical Gardens. Cocktails and hors d'oeuvres, music and more. Tickets $40 or $45 before April 1. www.buffalogardens.com

Rain Gardens and Fairy Tails!- 7:30 p.m. –8:30 p.m. at Beaver Island State Park. Springtime rain brings alive forest pools with wriggling tadpoles, salamander larvae, and 'fairy shrimp' who appear like magic! Serenaded by a twilight frog chorus, we will probe the rain gardens and discover the creatures that breed there. ***For information and registration call (716) 549-1050.***

South Towns Gardeners- 9:30 a.m. at the West Seneca Senior Center, 4620 Seneca St., West Seneca.
Lynn Chimera of Lessons from Nature will give a talk on "Color in Containers." Guest and new members are welcome. For more information, call 668-0209.

Fryday Fishing- Como Lake Park| 2220 Como Park Blvd, Lancaster, NY 14086| 6 pm. Kids (4-14 years old) can join an Erie County Park Ranger on Friday evenings to learn the basics of fishing. In addition to fishing, participants can learn about fish identification, fishing equipment and techniques, knot tying, angling ethics, and aquatic ecology. Fishing poles will be provided but this program is limited to 15 kids, due to equipment limitations. Parents must stay on site and supervise their children. Parents do not need a fishing license for this program. Pre-registration is required. Meet at the base of the sled hill.

Connecting the Outer Harbor with the Niagara Greenway-Registration: 11:30 a.m., Speaker: 12:00 noon, lunch to follow at Scotch 'n Sirloin Restaurant, 3999 Maple Road, Amherst, NY 14226. Guest speaker: Gregory D. Stevens, Executive Director, Niagara River Greenway Commission. Imagine a glorious network of parks, scenic vistas, access points and trails stretching alongside the entire Niagara River, from Lake Ontario to Lake Erie. Creating these public green spaces, while restoring the shoreline's ecological health, is the mission of the Niagara River Greenway Commission. Join us for a look at the plan to make Buffalo's beautiful Outer Harbor the Greenway's southern terminus. **RSVP: Reservations and $18 lunch payment must be received by Monday, April 8**. Make checks out to LWVBN and mail to LWVBN, 1272 Delaware Ave., Buffalo, NY 14209. To attend the program only at no charge, reserve **online here**, send email to lwvbn@lwvbn.org or call 716-986-4898.

The Subversive Power of Sentient Places: Climate Change, Collective Ethics and Environmental Justice in Northern Peru -Noon to 1pm at University at Buffalo, 306 Clemens. Poor mestizos in northern Peru offer a new way to theorize humanism and sentient landscapes that interact with humans in terms of environmental justice, collective ethics, and health. This model transcends the limits of ontological cosmopolitics and political ecology. Mestizos respond to climate change and environmental devastation and challenge the governance of late liberalism by engaging indigenous sentient landscapes as leaders of environmental movements and co-creators of an interethnic world.

Saturday, April 13

Mushrooms- A free workshop series for new and old gardens, to keep your mind and body warm for the growing season ahead! Space is limited and registration is required. All workshops start promptly at 2pm. Please arrive 10 mins in advance. To register or for any questions please email info@urbanroots.org or call 716-362-8982. MAP Farmhouse, 387 Massachusetts Ave., Buffalo.

Buffalo Orienteering Annual Meeting & O-Event- 12:00 pm - 3:00 pm. Join us at the Fieldhouse in Emery Park, 2084 Emery Rd.,South Wales, NY 14139 for a general meeting. The general membership meeting will include some club news, recognition of map hike completions and a review of the upcoming season. The format will allow you to meet some club members, take a look at orienteering maps and participate in an orienteering activity. It's a great opportunity to see what the club offers. There will be signs to find your way to the Fieldhouse. The club will provide hot dogs and veggie burgers. We ask that you bring a dish to share like munchies, salads, desserts etc. RSVP to Rob Reeves, or (716) 930-1821.

Eagle Watch at Iroquois NWR- 1 to 4pm LEAD: Bob Ensminger LOCATION: Cayuga Overlook (Rt. 77) View and learn about resident bald eagles and other migratory birds at one of our most popular events. Bring binoculars and/or share scopes. Weather dependent. All events are free and open to the public. For info, 585-948-5445.

Volunteer Cleanup with The Tool Library-10am at 3265 Bailey Avenue for Cleanup. RSVP at www.thetoollibrary.org/service

Owl Pellet Dissection – 1 to 3pm. Learn about Owls and what they eat by dissecting an Owl Pellet - the undigested fur and bones of an Owl's prey. When we are done with our pellets, we'll take a short walk at Beaver Meadow to see if we can find any left behind by our local Owls. Pre-registration is required. $7. All Ages/Family Friendly. Call 585-457-3228 to register. Beaver Meadow Audubon Center.

Eggstravaganza- 10am-4pm at the Niagara Power Vista. Activities include free photos with the bunny from 10 am to 2 pm, with crafts, face painting, and free rides on the Niagara Scenic Trolley compliments of New York State Parks. In addition to the Eggstravaganza activities, guests are invited to enjoy the all-new state-of-the-art exhibits at the Niagara Power Vista. Visitors can take a seat in a 4-D theatre virtual roller coaster ride, create a transmission distribution system on a one-of-a-kind transmission grid table, build a dam or simulate the coordination of power across the state during bad weather. Parking and admission are free at the Power Vista. For more information, contact the Niagara Project Power Vista at 716-286-6661.

Dare to Repair Café- 10am to 1pm at Lovejoy Discovery #43, 161 Benzinger St., Buffalo 14206. Community event where you can bring broken items that may be able to be repaired by volunteers. Free. www.thetoollibrary.org/daretorepair

Evans Environmental Fair-9am to 2pm with electronics recycling. Town Garage.

Growing your Own Produce: Site Preparations, Soil testing, Soil Building and Spring Greens - 11:30 a.m. at the Massachusetts Avenue Project (MAP), 387 Massachusetts Ave., Buffalo. You will learn what to do in your garden, month by month, to successfully grow your own produce. From small container gardens to larger backyards, This class is catered to you and the group of beginning gardeners who will join you in learning how to grow your own produce. Register here per class or the whole series.

Natural Products Workshop-10am. Learn to make natural cleaning and beauty products, and make your own natural cleaner and lip balm to take home. Materials fee: $8/$5 for Friends members. Registration required; call 716-683-5959. Reinstein Woods Nature Preserve.

Vireos for Beginners-2:30pm. Learn about the vireos that migrate to and through Reinstein Woods. For adults and children ages 8 and older. Registration required; call 716-683-5959. Reinstein Woods Nature Preserve.

Pfeiffer Fido Easter Egg Hunt for Doggies- 1-3 pm. The Easter Bunny hiding Easter Eggs for children is a tradition that has been around for generations. Snoopy, the Easter Beagle, delivering Easter Eggs is a much more recent occurrence. On April 13th, Lillibridge will be visited by the Easter Beagle to hide Easter Eggs not for children, but for his fellow four legged furry friends. Bring your dog(s) with your family to enjoy this fun outdoor doggie event. Walk the trails of Lillibridge with your pooch as the Easter Eggs with dog treats are smelled out of hiding. This event will be held at: Lillibridge Preserve, 1974 Lillibridge Road, Portville, NY 14770. A $2 donation per dog greatly appreciated. Registration is not required. This program will be canceled in the event of rain. All dogs must be kept on a leash at all times. Pfeiffer Nature Center is supported by United Way funding. Pfeiffer Nature Center where science, art & nature come together.

6th Annual WNY Refugee Health Summit: Housing for Health-9:30am to 3pm at 1220 UB Jacobs School of Medicine and Biomedical Sciences. Register to attend! Find the complete agenda and a link for registration at www.buffalo.edu/refugeehealth.

Buffalo Maritime Disasters-11am to noon at Buffalo Maritime Center. Collisions, catastrophes, and chaos – as a busy Great Lakes port, Buffalo has had its share of maritime disasters. Come to The BMC Speaker Series to be regaled by tales of notable disasters in our harbor by James Mayer from the Buffalo Harbor Museum. Reserve your space here.

Free Beekeeping Class: Chemical Free Mite Treatment- 1 to 2pm at Masterson's Nursery in East Aurora. info. Join Lynn Williams of Beehive Thermal Industries for a FREE seminar on chemical free treatment of the varroa mite. Mr. Williams has developed the Mighty Mite Killer, a thermal mite treatment option that requires no harsh chemical treatment, but uses heat to destroy the varroa mites within the honeybee colony.

Family Twilight Hike-Tifft Nature Preserve from 7 - 8:30 p.m. | $6 per participant* | Ages All
Celebrate the upcoming Earth Day with a guided sunset hike in search of nature getting ready to rest for the day and awaken at night. *Advance registration required.* Register

Behind the Scenes at the Buffalo Zoo- 1:00 p.m. – 2:30 p.m. for 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. Required registration.

About Boating Safely-8 hr boating class. 9am to 5pm at Buffalo & Erie County Naval & Military Park One Naval Park Cove. Register with Kevin Ryan at kevinryan14216@gmail.com. Flyer

Wake Up- Como Lake Park, Sled Hill | 2220 Como Park Blvd, Lancaster, NY 14086| 10 AM. Join Erie County Park Ranger Jerry for a walk through Como Lake Park to look for signs of spring. We will explore and look for plants and animals waking up from their winter slumber. Please bring your curiosity, a full water bottle, weather appropriate clothing and sturdy closed-toe footwear. We will meet at the base of the sled hill rain or shine. Register.

Sunday, April 14

Bicycle Swap Sale-12 to 5pm. WNYMBA is proud to once again present the annual WNYMBA Swap and Bike Sale! Join us for one of the club's best yearly fundraisers and events. Flying Bison Brewery, 840 Seneca St, Buffalo. Want to sell your unused or used bike parts or bikes? Sell them at the Swap! Looking for that deeply discounted drivetrain? Buy it at the Swap! Need a gently used bike for this upcoming season? Buy it at the Swap! Simply want to hang out and talk bikes? Hang out at the Swap! In addition to all the great bike parts for sale, there will be food and beverages available. Bike drop-off begins at10am. This is always a fun event, and we hope to see you there!

Monday, April 15

Volunteer Orientation for Explore Buffalo- 7pm, 90 minute session. Info and application.

"Four Neighborhoods, One Community"- 5 to 7pm at Innovation Center. Join us in LEARN at the Innovation Center for Buffalo Niagara Medical Center's quarterly stakeholder meeting, where we discuss shared issues and common concerns with Campus employees, neighbors, and friends. **Please RSVP by Thursday, April 11th** to BNMC's Community Program Manager, Kyria Stephens, at kstephens@bnmc.org.

Tuesday, April 16

Tuesday Evening Hike-6-8pm, Tuesday evening hikes are free. Dress for the weather. Make sure you bring water and proper foot attire. We will meet at Paths, Peaks & Paddles at 5:45 pm. We try to car pool weekly to our planned hike location. We like to have vehicle wheels rolling at 6:00 PM. If you would like to join us feel free to contact us Tuesday afternoon. Feel free to email christine@pathspeakspaddles.com or call us at 716-213-0350 for the evening adventure.

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/category/lecture-series/library/

Toddler Time: Cardinal Craze! – 10 to 11am. Let's take a walk and look for our red-feathered friends. Complete a super fun craft and end with a yummy snack! Dress for the weather. Ages 2-4. $3. Call 585-457-3228 to register. Beaver Meadow Audubon Center.

African Violet and Gesneriads Society of WNY- 7 p.m. at the Greenfield Health and Rehabilitation Facility, 5949 Broadway, Lancaster. Contact Judy Oneil at judyoneil1945@gmail.com for detailed directions to the meeting.

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

Startup Grind: New Era Cap Networking-Join us at Flickinger Center, Nichols School at 6 PM with New Era Cap for networking, refreshments, a fireside chat with the executives, one minute pitches from new ideas, and a chance to get to know the entrepreneurial ecosystem in Buffalo. If you'd like to get involved in the local startup community, please consider attending this event. All are welcome! Tickets.

Climate Change and Food Security -7pm at the Audubon Branch Library, 350 John James Audubon Parkway. Climate change is having an ever-increasing impact on people's way of life as well their sense of food security. Our speaker will stress the urgency for an immediate end to all fossil fuel use, while giving numerous examples of how climate change impacts our planet. We will hear about the greenhouse effect, greenhouse gases, and how temperatures are responding to gas increases. Also, there will be discussion about agriculture and food security concerns, along with introducing and explaining "chilling degree hours," and how we are 7 entering the Earth's sixth great mass extinction and why we should be worried. The discussion will wrap up with positive talk about how we may mitigate some of the effects of Climate Change, as we take a look at the Solutions Project and Paul Hawken's book Drawdown, the Most Comprehensive Plan Ever Proposed to Reduce Global Warming. Jack Kanack is the owner of Weathermedic Inc, which is a weather consulting and applied climatology business. Visit his web site: http://weathermedic.com/. IF YOU ARE INTERESTED IN ATTENDING ANY PROGRAMS IN THE SERIES, PLEASE REGISTER BY PHONE (716-689-4922).

Wednesday, April 17

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.

Volunteer Training Sessions for Tour Guides - 10am to 12 noon at Beaver Meadow Audubon Center. You do not have to attend all sessions. Call the Center at 585-457-3228 for more information on how these training sessions work and how you can learn to inspire today's youth by becoming a volunteer at Beaver Meadow. Session Topic- Birdwatching.

Beekeeping Class - I Ordered Bees. Now What?- 6:00 PM 7:00 PM at Masterson's Nursery, East Aurora. What is the difference between a nuc and a package? What do you need to have ready when your bees come home? We'll get you ready to install your nuc or package an hopefully calm some new beekeeper jitters. Pre-registration is required. Register today so we can save you a seat!

UB Lecture Series: Now What?! Advocacy, Activism, and Alliances in American Architecture since 1968- 6:00 PM 7:30 PM at University at Buffalo, 403 Hayes Hall, 3435 Main Street, Buffalo. Now What?! is the first exhibition to examine the little-known history of architects and designers working to further the causes of the civil rights, women's, and LGBTQ movements of the past fifty years. The exhibition content, conversations, and stories will inspire a new generation of design professionals to see themselves as agents of change by looking at the past to see new ways forward. This event is free and open to the public. Registration is not required.

Earth Day Train Talk-6-8 p.m., The Buffalo History Museum, One Museum Court, Buffalo, (Nottingham Terrace and Elmwood Avenue; Lots of free parking). Local environmentalist and life-long railfan Walter Simpson will present his new information-packed, beautifully illustrated book which explains in detail: How all energy-related components of a contemporary diesel-electric locomotive work, Locomotive fuel economy measures shrouded in secrecy by the railroad industry, Emissions regulation and technology and Railroad motive power options to address the threat of climate change. The Museum's model railroad layout will be open and running 5-6 pm and the Singing Brakemen will sing train songs beginning at 5:30. Admission: Museum members free; others $5. Refreshments! Sponsored by The Buffalo History Museum. Co-sponsored by the Citizens for Regional Transit, Niagara Frontier Chapter of the National Railway Historical Society, Partnership for the Public Good, Sierra Club Niagara Group, WNY Environmental Alliance, WNY Peace Center, WNY Railway Historical Society. For more information about Walter's book see, www.diesel-electric-locomotives.com. For more information about this event, enconser@buffalo.edu.

Behind the Sciences Tours: Knox your Average Piggy Bank- Buffalo Science Museum, 6 to 8pm for 18+, $25 per participant which includes museum entry. Go behind the scenes to see what few have seen and explore the Museum's Collection. Tours are approximately two hours in length. Register online or by phone at least one week in advance. Teeth and hair and cheese, oh my! Have you ever wondered how people "paid" for things before the adoption of standardized money? Here is your chance to find out. Come behind the scenes and learn about the Knox Money Collection and the evolution of money. Register.

History of Bethlehem Steel-7 pm, By Don Williams, President, Steel Plant Museum. Join us for a special presentation of 'A history of the Bethlehem Steel Lackawanna Plant and the Steelmaking Process.' This talk features a chronological journey from the beginning of steelmaking from 1901 through the final 'heat' of steel poured in 1983. It will include the methods of steelmaking utilized, and the advances in technology. The presentation will also include the effects of the plant closing on the community and the current status of the site. An illustrated presentation in the auditorium of the Gateway Executive Office Building, 3556 Lake Shore Rd. Blasdell, NY. Admission $4, or FREE to Penn Dixie members and their guests. No registration needed.

Hump Day Hike- Emery Park| 2084 Emery Rd, South Wales, NY 14139| 6:30 pm. Join a Park Ranger on Wednesday evenings for a vigorous guided walk. Each week we will explore a different park and see what we can find. Please wear weather appropriate clothing, bring your pack with the 10 Essentials, and don't forget your water. No registration required at this time. Meet at the Field House. Hike will last 1 hour.

Thursday, April 18

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.

Art and Conservation- 6:30 pm to 7:30pm. Explore how visual art and conservation can benefit one another in this talk by Federal Duck Stamp artist Jennifer Miller. Jennifer will describe her experiences with the Federal Duck Stamp and share her passion for reaching out with her work to inspire the public to care about the natural world. Learn how a love of nature can blossom into a passion and an unusual, adventurous and rewarding, career! This event will be held at The Portville Free Library, 2 North Main Street, Portville, New York 14770. Fee: Free for members, $5 for non-members and free for children 13 and under. Minors must be accompanied by an adult. Register by 4 PM, Tuesday, April 16th, 2019. Sign up on the programs Calendar on our website at www.pfeiffernaturecenter.org or contact the office at 716-933-0187. Pfeiffer Nature Center is supported by United Way funding. Pfeiffer Nature Center where science, art & nature come together

WNY PRISM Spring Full Partnership Meeting-1:00-3:00 PM. Richmond Memorial Library, 19 Ross St, Batavia, NY 14020 https://www.wnyprism.org/

Citizens Regional Transit Quarterly Meeting-5:30-7:30 (doors open at 5:00), West Room (1st floor), Central Library, Lafayette Square, Buffalo. Alternative Energy Sources and Transit: a discussion of hydrogen and electric vehicle fuels and local hydroelectric power from the New York Power Authority. Speakers: Charley Bowman, Sierra Club Buffalo Niagara, David Stout, CRT, Charlotte Keith, Investigative Post.

Phragmites Strike Team Training at Reinstein Woods-5:30 pm - 6:30 pm at Reinstein Woods Nature Preserve, Depew NY. Do you enjoy being outdoors and want to volunteer to care for nature? Join Reinstein Woods Phragmites Strike Team! Throughout the spring and summer, the Strike Team monitors and removes an invasive plant, *Phragmites australis*, that is threatening the wetlands at Reinstein Woods. No experience is needed, just a love of nature and a desire to help a local habitat. Once you've been trained, you can participate on your own time, or join other Strike Team members at regular "seek and destroy" sessions to remove this invasive plant. It's a great way to get outside and help Reinstein Woods habitats! Registration is required. To register, or for more information, call (716) 683-5959.

Friday, April 19

Full Moon Walk-7:30pm. Join us for a walk on the trails to view nocturnal wildlife and the full moon. Registration required; call 716-683-5959. Reinstein Woods Nature Preserve.

Moonlight Meander-7:00 p.m. – 9:00 p.m. at Knox Farm State Park. Embark on a nighttime journey through Knox Farm and experience the park in the glow of a full moon. ***For information and registration call (716) 549-1050.***

Spring Eggstravaganza- 10:00 AM - 4:00 PM. Join in the EGG-streme fun and EGG-citement of our TENTH annual INDOOR celebration of animals that hatch from eggs! Meet live animals with Messinger Woods Wildlife Care, enjoy make 'n' take crafts, games, guided hikes, hands-on activities, and dye eggs using handmade, natural dyes from flowers and vegetables (bring your own hard-boiled eggs; maximum of 6). Timed entry at 10 a.m., 12 p.m. and 2 p.m. All Ages. Cost: $8 per person (BMS Members save 10%), Purchase Tickets

Full Moon Walk: The Pink Moon-7:00 p.m. – 9:00 p.m at Fort Niagara State Park. The April moon is not actually pink but it is named as such to signify the emergence of spring wildflowers. Let's enjoy its glow as we take an evening stroll along the shores of Lake Ontario and the Niagara River! ***For information and registration call (716) 282-5154.***

Logged In-2 to 4pm at Knox Farm State Park. Unplug from technology and "log" into nature as we explore the unique and diverse communities within stumps and logs! ***For information and registration call (716) 549-1050.***

Fryday Fishing-Sprague Brook Park| 9674 Foote Rd, Glenwood, NY 14069| 6 pm. Kids (4-14 years old) can join an Erie County Park Ranger on Friday evenings to learn the basics of fishing. In addition to fishing, participants can learn about fish identification, fishing equipment and techniques, knot tying, angling ethics, and aquatic ecology. Fishing poles will be provided but this program is limited to 15 kids, due to equipment limitations. Parents must stay on site and supervise their children. Parents do not need a fishing license for this program. Meet at the lower pond near Foote Rd. Pre-registration required.

Buffalo ErieHack- a data and engineering competition that unites coders, developers, engineers, and water experts to generate enduring solutions to Lake Erie's biggest challenges. The competition includes $100,000 in prizes for the most creative and effective hacks. Working from challenge statements derived from ideation sessions with NASA representatives and regional stakeholders, teams were charged with creating innovative digital tools, hardware innovations, and engineering solutions that build "the Blue Economy": the emergent economic sector dedicated to the sustainable stewardship of bodies of freshwater around the globe. The Erie Hack provides high school students, college students, and professionals the opportunity to combine their own expertise with solid mentoring to create technologies with the potential to invigorate Lake Erie's environment and economy. 4-5 p.m. at UB North, 210 Student Union. Learn more about Buffalo ErieHack here

Saturday, April 20

Stories in the Woods-10:30am. Enjoy hearing a nature story, followed by a guided walk in the woods. For children ages 3 to 7. Registration required; call 716-683-5959. Reinstein Woods Nature Preserve.

Birding by Car- 10 am– 12 pm. Lead: Jan Beglinger LOCATION: Cayuga Overlook (Rt. 77), Iroquois NWR> An experienced birding team will take you to the numerous birding sites around the refuge to point out all the spring migrants and local residents of the refuge. Info at 585-948-5445.

Woods Walk: Spring Things-1pm. Join a guided nature walk through the woods to search for signs of spring. No registration required. Reinstein Woods Nature Preserve.

Wondrous Wildlife Photography-1 to 3pm. LEAD: Bob Hazen LOCATION: Meet at Iroquois NWR Visitor Center Learn basics of capturing quality outdoor photos and hone those techniques as you take wildlife and scenery photos from trails and overlooks around the refuge.

Eagle Watch at Iroquois NWR- 1 to 4pm LEAD: Bob Ensminger LOCATION: Cayuga Overlook (Rt. 77) View and learn about resident bald eagles and other migratory birds at one of our most popular events. Bring binoculars and/or share scopes. Weather dependent. All events are free and open to the public. For info, 585-948-5445

Animal Superpowers-2pm. They may not be faster than a speeding bullet or more powerful than a locomotive, but many animals have abilities beyond those of humans. On this guided walk, you will learn about some of these amazing residents of the woods. Registration required; call 716-683-5959. Reinstein Woods Nature Preserve.

Earth Day Volunteer Event- 9:00 AM - 4:00 PM. Volunteer with outdoor projects like tree planting, invasive species control, trail work and more. Dress to work outside. *Advance registration required. Please call 716.825.6397 to register*. Two sessions available. 9 a.m. – 12 p.m. or 1-4 p.m. Ages: 12+ (Under 18 must be accompanied by an adult). Cost: FREE. Tifft Nature Preserve.

Akron Falls Hike – 10 to 11:30am. Join Naturalist Mark Carra for a stroll down into the 284 acre park to the scenic 40 foot falls and search along Murder Creek for the flora and fauna that call it home. Meet at the Buell Drive (Route 93) Parkview Drive entrance. Pre-registration is required. Donations gratefully accepted. All Ages/Family Friendly. Call 585-457-3228 to register.

Birds and Brews at Buffalo Riverworks – 6 to 8pm. Join us for an evening of Birds and Brews at this hip location along the Buffalo River! What's one thing you can do to help birds? Grow bird-friendly plants! We'll have info available to help you create an oasis for birds in your own backyard, porch or patio!

Penn Dixie Earth Day Cleanup -Calling all volunteers! We need your help to prepare Penn Dixie for the upcoming season. Join us from 10 am to 2 pm for our annual Earth Day Cleanup. We'll be picking up trash and other debris, performing trail maintenance, and completing other tasks to beautify our park and nature reserve. Pizza and salad will be available for all helpers. Please contact Dr. Holly Schreiber at holly@penndixie.org to register. No cost -- please bring a friend!

Bunny Walk- Ellicott Creek Park| 1 Ellicott Creek Dr, Tonawanda, NY 14150| 10 AM. Join Erie County Park Ranger Stephanie for a fun kids' hike. We will learn all about the habits and habitats of the Eastern Cottontail rabbit. Please bring a full water bottle, weather appropriate clothing and sturdy closed-toe footwear. We will meet in the soccer field parking lot rain or shine. This walk requires pre-registration and is limited to the first 30 people who sign up.

Paddlers Guide to Safety- 10 to noon at Buffalo & Erie County Naval & Military Park, One Naval Park Cove, Buffalo, NY 14202. Register with Kevin Ryan at kevinryan14216@gmail.com, Flyer

Sunday, April 21

Happy Easter!

Monday, April 22

Earth Day Home Energy Action Workshop-6:30pm. Celebrate Earth Day by discovering solar power programs and incentives available for your home. Explore home energy efficiency programs and learn practical tips for saving money by conserving energy. Door prizes and light refreshments provided. Registration required; call 716-683-5959. Reinstein Woods Nature Preserve.

Tuesday, April 23

Tuesday Evening Hike-6-8pm, Tuesday evening hikes are free. Dress for the weather. Make sure you bring water and proper foot attire. We will meet at Paths, Peaks & Paddles at 5:45 pm. We try to car pool weekly to our planned hike location. We like to have vehicle wheels rolling at 6:00 PM. If you would like to join us feel free to contact us Tuesday afternoon. Feel free to email christine@pathspeakspaddles.com or call us at 716-213-0350 for the evening adventure.

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/category/lecture-series/library/

Sierra Club Monthly Meeting-7:00-9:00 PM, Daemen College, 4380 Main Street Amherst, Research and Information Commons (Library) Room 101. All are welcome.

Nature Tech Adventure: Nature Apps-1:30pm. Explore how you can use your smartphone to enhance your nature experience. For children ages 8 and older. Registration required; call 716-683-5959. Reinstein Woods Nature Preserve.

"Up your Gardening Game with Rain Barrels and Composting"- 6 to 7 p.m. at the Dudley Branch Library, 2010 South Park Ave., Buffalo. It will be presented by the Erie County Department of Environment and Planning and the Western NY Stormwater Coalition. This workshop covers the basics on the use of rain barrels and methods for home composting. Learn about the backyard and big-picture benefits from these practices and how to get started–on any budget. Informational pamphlets and a few giveaways will be available, too. info

Wednesday, April 24

Nature Tech Adventure: Geo-Caching Egg Hunt-1:30pm. Participants will learn how to use a Global Positioning System (GPS) unit and use the handheld GPS units to find hidden eggs in the preserve. For children ages 8 and older. Registration required; call 716-683-5959. Reinstein Woods Nature Preserve.

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

Wednesday Woods Walk-10:00 a.m. – 12:00 p.m. at Evangola State Park. Spring is finally here! Head out to the woods for a scenic walk through Evangola to look for spring happenings. ***For information and registration call (716) 549-1050.***

Science Museum Adult Workshop: pH Drinks-$15 per participant, 6:30 - 7:30 p.m. Buffalo Science Museum. Up your mocktail game with color-changing mix-ins! Unleash beautiful blues and vibrant pinks with all-natural herbal help. How many colors can you coax out of your blends? *No alcohol will be consumed*. Register

Jane Battersby: Malls, Markets, and Malnutrition: Food In/Sensitive Planning in African Cities-6:00 PM 7:30 PM at University at Buffalo, 403 Hayes Hall3435 Main Street, Buffalo. Food security and urban systems governance are not widely acknowledged as falling within local government mandates in African cities. However, urban policies and planning profoundly shape urban food systems and the urban conditions that drive food insecurity and malnutrition. The state's engagement with the food system is informed by historical policy and planning legacies overlaid with decontextualized imported ideals from the global north. This lecture presents findings from research conducted in South Africa, Kenya, Zambia and Zimbabwe to frame the impacts of existing planning on food security, but also the potential for more food sensitive planning to emerge. This event is free and open to the public. Registration is not required.

Beekeeping Class: **Hive Inspections (Classroom)**-6:30 to 7:30pm. We know we're supposed to inspect our hives periodically, but how often do we need to do it and what the heck are we looking for anyway? Lots of pictures and tips we've learned over the years. Register. **Pre-registration is required.**

Hump Day Hike- Akron Falls Park| 44 Parkview Rd, Akron, NY 14001| 6:30 pm. Join a Park Ranger on Wednesday evenings for a vigorous guided walk. Each week we will explore a different park and see what we can find. Please wear weather appropriate clothing, bring your pack with the 10 Essentials, and don't forget your water. No registration required at this time. Meet in Brooklyn Street area. Hike will last 1 hour.

Conquering the Energy Code for Architects and Engineers: Commercial- 9am to 5pm. $99 at Bryant & Stratton College – Buffalo, 465 Main Street, Room 301, Buffalo, NY 14203. Register.

Thursday, April 25

Nature Tech Adventure: Solar Solutions-1:30pm. Discover the fun side of science as we harness the power of the sun to bake, create art, and more! For children ages 8 and up. Registration required; call 716-683-5959. Reinstein Woods Nature Preserve.

Proven Winners-Part 2 -6:30 p.m. Thursdays at Lockwood's Garden Center, 4484 Clark St., Hamburg. The price is $10 per session or $18 for both sessions (April 4). Get a behind-the-scenes look at how these garden winners are trialed and tested before they go into production at Lockwood's. Tim Anderson of Walters Gardens, which is nationally recognized as a leader in perennial production, will speak to the quality that goes into producing the Proven Winners perennials that are grown and sold at Lockwood's. Learn what practices make your perennials survive and thrive year after year. register

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.

Buffalo Niagara Teen Science Café-6pm at The Frank E. Merriweather, Jr. Library, 1324 Jefferson Ave Buffalo, NY 14208. Native Bee Stewardship. https://www.facebook.com/events/331797117430244/

Beginning Bonsai Workshop- 6 to 9 p.m. at the Botanical Gardens, 2655 South Park Ave., Buffalo. The beginning bonsai workshops are hands-on workshops that are one of a kind. Participants will manipulate live bonsai trees while learning the art of bonsai with representatives from the Buffalo Bonsai Society. Materials are provided but participants may wish to bring hand clippers, wear gardening gloves and bring a box to transport their tree home. Space is limited in each session. The cost is $75 for Botanical Gardens members and $80 for the general public. Registration is available online.

The Beauty of Bats-6:30pm to 7:30pm. While it is a fact that bats rank high on the list of disliked species, it is also a fact that bats are greatly misunderstood. Bats are not the creepy, scary and vicious animals they are sometimes made out to be. Join us for this entertaining and enlightening talk as we explore the world of bats. We will discover how necessary, beneficial and wonderful bats are to have as neighbors. This event is will be held at The Portville Free Library, 2 North Main Street, Portville, New York 14770. This program is free and open to the public. Minors must be accompanied by an adult. Registration is not required. Bat Boxes will be available at the program for a $15 donation.

PUSH Buffalo Energy Democracy Meeting-6pm at 429 Plymouth Ave in Buffalo for our regular Energy Democracy Meeting.

Friday, April 26

Botanical Gardens Tree Tours-12:30pm and 2pm. Free. Celebrate Arbor Day with a tour of the outdoor collection, rain or shine. Meet at the front entrance of the Botanical Gardens.

Tree Planting- 3:30pm at the Botanical Gardens. Join staff and volunteers for a planting.

Citizen Science: Project Squirrel-10:30am. Come join us on the trail as we learn how to be citizen scientists and record squirrel sightings in the preserve. Once you've learned, you can do at home too. For children ages 8 and older. Registration required; call 716-683-5959. Reinstein Woods Nature Preserve.

Nature Tech Adventure: Birding -1:30pm. Celebrate John James Audubon's birthday by birding in the woods! Incorporate technology with birding and learn about eBird and the Merlin bird ID app. For children ages 8 and older. Registration required; call 716-683-5959. Reinstein Woods Nature Preserve.

Beginning Bonsai Workshop- 6 to 9 p.m. at the Botanical Gardens, 2655 South Park Ave., Buffalo. The beginning bonsai workshops are hands-on workshops that are one of a kind. Participants will manipulate live bonsai trees while learning the art of bonsai with representatives from the Buffalo Bonsai Society. Materials are provided but participants may wish to bring hand clippers, wear gardening gloves and bring a box to transport their tree home. Space is limited in each session. The cost is $75 for Botanical Gardens members and $80 for the general public. Registration is available online.

Fryday Fishing- Como Lake Park| 2220 Como Park Blvd, Lancaster, NY 14086| 6 pm. Kids (4-14 years old) can join an Erie County Park Ranger on Friday evenings to learn the basics of fishing. In addition to fishing, participants can learn about fish identification, fishing equipment and techniques, knot tying, angling ethics, and aquatic ecology. Fishing poles will be provided but this program is limited to 15 kids, due to equipment limitations. Parents must stay on site and supervise their children. Parents do not need a fishing license for this program. Pre-registration is required. Meet at Bowen Road Grove.

Saturday, April 27

Horticulture VI: Edible Plants and Composting-The Buffalo and Erie County Botanical Gardens will hold a series of Horticulture VI classes from 11 a.m. to 1 p.m. on five Saturdays at the Botanical Gardens, 2655 South Park Ave., Buffalo. The cost for Botanical Gardens members is $100 for the entire series or $20 per class. For the general public, the cost is $125 for the series or $25 per class. The classes are taught by Horticulturist David Clark. These classes are intended for beginners or gardeners and landscapers wishing to brush up on their skills. Those who complete each series will be presented with a certificate of completion. More information and registration is available online.

Buffalo YIMBY- 10 AM – 3 PM, 998 Broadway, Buffalo. YIMBY (YES IN MY BACKYARD) is a festival to connect grassroots efforts and the people who make them happen. Buffalo YIMBY is an intersection where block clubs, community organizations, change makers, and stake holders spread the word about their work, celebrate achievements, and identify new challenges as well as opportunities in an atmosphere focused on listening, learning, and engaging. This time, Buffalo YIMBY is hosting the festival at a site with plenty of history, but an unclear but open future--998 Broadway. It's the former home of Sattler's, a famous department store in the heart of the Broadway Fillmore neighborhood, until it was demolished for a short-lived Kmart Store.

Buffalo River Speaker Series: Ecology Tour- Register, 2:00 pm – 4:00 pm at Seneca Bluffs Natural Habitat Park, 2 Jordan Pl., Buffalo, NY 14210. Free. Join Buffalo Niagara Waterkeeper, Erie County, and the Buffalo River Remedial Action Committee for this Buffalo River Speaker Series Session. Learn about this influential waterway from the people who rallied for it at its worst, were a part of the economic growth on its shores, and the influential figures who are shaping its future. Get additional details about all the speaker series sessions here! **SPEAKER SERIES**

Volunteer ReTree Spring Planting with The Tool Library-9am at 995 Kensington Ave. RSVP at www.thetoollibrary.org/service

Astronomy Day- Free, 11am to 3pm, Buffalo and Erie County Library at 1 Lafayette Square. Hosted by Buffalo Astronomical Association.

Restore Corps: Ellicott Creek Tree Planting- Volunteers needed. 1:00 pm – 4:00 pm at Ellicott Creek Park, 310 Creekside Dr, Tonawanda, NY 14150. register

Earth Day 29th Annua Envirun 5K- 10:30 AM at Whirlpool State Park, Niagara Falls, NY. Come run with us along the beautiful Niagara River Gorge then stay for the party and explore the park! Post-race party includes overall and age group awards, food, drinks & live music. Register.

Fiddlehead Frolic-1:30 p.m. – 3:30 p.m. at Knox Farm State Park. A walk through the woods to discover the unfurled fronds of a fern, otherwise known as fiddleheads! ***For information and registration call (716) 549-1050.***

Spring Ephemeral Wildflower Walk-10:00 a.m. – 12:00 p.m. at Knox Farm State Park. Enjoy the sudden burst of color that carpets the forest floor before the new leaves of summer take hold. ***For information and registration call (716) 549-1050.***

About Boating Safely- 8 hr. boating course, Hamburg. Contact **Eileen Reiner,** reiner7@verizon.net**,** info

About Boating Safely- 8 hr. boating course, Youngstown. Contact Marty Laufer at mdl29@msn.com. Info.

Medicinal Herbs & Concoctions-1pm to 3:30pm at Roycroft Campus, East Aurora. The origin of medicinal remedies is in the plants that inhabit our planet and every culture throughout history has made use of the "green world" around them for sustenance and healing. We'll discuss plants common to Western New York (both native and alien) and the traditional uses of them by the Haudenosaunee, European settlers and modern medicine. Then we'll perform a bit of kitchen alchemy and prepare some simple formulas using both wild and cultivated plants from the "neighborhood." Cost - $40 (includes supplies). http://oakmossed.com/programreg2.php

Wildlife Rescue 101 Workshop-Tifft Nature Preserve from 2 - 3:30 p.m. | $8 per participant* | Ages 5+. Wildlife in distress! What to do? Investigate what you can (and cannot) do to help with a special workshop by Messinger Woods Wildlife Care and live animal ambassadors! *A portion of proceeds go towards Messinger Woods Wildlife Care's nonprofit mission. Advance registration required.* Register

Arbor Day Lecture- In celebration of Arbor Day and Frederick Law Olmsted's birthday, the Buffalo Olmsted Parks Conservancy, in partnership with Delaware North, invites you to join us for our third annual Arbor Day Lecture. This year, Barbara Deutsch, FASLA, Executive Director of the Landscape Architecture Foundation in Washington, D.C., will discuss Olmsted's passion for urban forests and the value of trees in our cities. The Westin, Louis Ballroom, 250 Delaware Ave, Buffalo, NY 14202. 12:30 p.m. to 1:30 p.m. — Presentation and Discussion. This is a free event. Space is limited. Lunch will be provided. **RSVP by April 19** — Email Sarah@bfloparks.org or call 716-838-1249, ext. 31.

Escarpment Exploration – 10am to noon. Join Naturalist Mark Carra for a hike into the Niagara Escarpment Preserve owned by the Western New York Land Conservancy. This beautiful preserve boasts 1000 feet of the Niagara Escarpment, 21 acres of mature hardwood forest and 10 acres of grassland. Come and explore the beauty. Pre-registration is required. All Ages/Family Friendly. Call 585-457-3228 to register.

Peregrine Falcons of Buffalo – 10am to 3pm. Join Naturalist Tom Kerr for a tour of the Peregrine Falcons nests in Buffalo! Relax and enjoy a ride in our van as we visit four Falcon nests with the hopes of seeing their hunting and parenting behaviors in action. Space is limited and pre-registration required. $20. Call 585-457-3228.

Outdoor Skills-10am. In this program, you will build an emergency shelter from natural materials and practice navigation and fire building techniques. For adults and children age 8 and older. Registration required; call 716-683-5959. Reinstein Woods Nature Preserve.

Eagle Watch at Iroquois NWR- 1 to 4pm LEAD: Bob Ensminger LOCATION: Cayuga Overlook (Rt. 77) View and learn about resident bald eagles and other migratory birds at one of our most popular events. Bring binoculars and/or share scopes. Weather dependent. All events are free and open to the public. For info, 585-948-5445

Spring Into Nature-9am to 4pm at Iroquois National Wildlife Refuge, Casey Rd, Basom, NY 14013. Join us for Iroquois National Wildlife Refuge for its 35th annual Spring into Nature celebration. If you have questions, contact Refuge staff at 585-948-5445. Iroquois NWR Visitor Center Our 35th annual festival celebrating all things nature and conservation related. Full of exhibits, crafts, activities, live animals, and more, this event is for everyone!

Birding 101: Class #4-2:30pm. Who's in2 the pond? Who's flying over the pond? And who's hiding in the reeds? Learn about the ducks and wetland birds of Reinstein Woods. For adults and children ages 8 and older. Registration required; call 716-683-5959. Reinstein Woods Nature Preserve.

Earth Month Expo: SUNY Fredonia Science & Technology Center-9am - 4pm, Free! Sponsored by Greystone Nature Preserve, this Expo will focus on how you can become a steward for the Earth. From workshops on helping our feathered friends, to talks on bats, butterflies and medicinal plants, we will have something for everyone! Visit the facebook page for more information.

23rd Annual Gathering of Gardeners Symposium- info,will be held by the Cornell Cooperative Extension of Monroe County from 9 a.m. to 3 p.m. at the RIT Inn & Conference Center, 5257 West Henrietta Rd., Rochester. Registration begins at 8 a.m. The featured speakers will be Brie Arthur, author of *Foodscape Revolution,* and Tim Boebel, author of *Today's Hydrangeas.* The event includes plant sales from regional vendors and silent auction of creative works.

Herbs of Spring-10:00am-12:30pm at West Falls Park. A moderately challenging hike through fields and mature forests in search of wild foods and medicinal herbs. Register at https://earthspiritedu.org/events/

Field Trip: Felker's Falls and Devil's Punch Bowl, Ontario-Niagara Frontier Botanical Society field trip. 9:00 a.m. These two preserves lie on the Niagara Escarpment at the eastern edge of Hamilton, Ontario and are owned by the Hamilton Conservation Authority. They both have beautiful waterfalls, and Felker's also contains woods, trails, and several rare plants and critters. Meet at the Boulevard Mall sign on Niagara Falls Boulevard. Bring lunch and passport. Leader: J. Schlegel, 835-6042. Rain Date: Saturday, May 4.

Sunday, April 28

Daredevils and Other Strange Happenings-10:00 a.m. – 12:00 p.m. at Niagara Falls State Park. Join a Park Naturalist for a guided walk around Goat Island. We will discuss the stranger side of history at Niagara Falls State Park, the many Daredevils that challenged Niagara Falls, and more! ***For information and registration call (716) 282-5154.***

Western New York Hosta Society- 2 p.m. at the Aurora Senior Citizens Center, 101 King St., East Aurora. Doors open at 1:30 p.m.

Invasive Species Hike- 10:00 am to 10:30 am. Isle View County Park, 796 Niagara St, Tonawanda, NY 14150, USA. Join Erie County Park Ranger Roy on a walk through Isle View Park. We will learn about how these alien invaders landed in our area, the ecological concerns that they bring, & what you can do to lessen the impacts of these invaders! Please bring a full water bottle, weather appropriate clothing and sturdy closed-toe footwear. We will meet to the left of the boat launch rain or shine. This event require pre-registration and is limited to the first 30 people who sign up.

Taste of the Southtowns - 12:00-5 P.M. INSIDE St. Aloysius Hall, 190 Franklin St., Springville. 8 Restaurants will be serving 45 food items including: Beef on Weck, Pulled Pork, Tacos, Soups, Shrimp, Scallops, Stuffed Peppers, Meatballs, Cheesecakes, Pulled Chicken and more. Food Items from $2.00 to $5.00. 50 Basket Chinese Auction, Silent Auction, Country Music: "The Rustic Ramblers" with Gene Hilts on steel guitar. Get a Massage by Eric Davis for $1/minute. Free Admission with $10 purchase of Chinese auction or food tickets. Proceeds benefit Gooseneck Hill Waterfowl Sanctuary, a 501c3 organization, the largest waterfowl sanctuary in the US with over 700 endangered and protected ducks, geese and swans and over 78 different species. For info call 716-942-6835, rosebird@frontiernet.net, www.gooseneckhillwaterfowlfarm.com

Monday, April 29

Gardening with Nature-6:30 to 8:30pm Elma Senior Center, 3007 Bowen Rd. Free, register at www.elmacert.org, Speakers-Sarah Sorci, Edible and Medicinal "Weeds" and Invasives and Sean Kennedy,Basics of Permaculture.

Volunteer Garden Workday with The Tool Library-6pm at 73 Tyler St. for community garden work. RSVP at www.thetoollibrary.org/service

Tuesday, April 30

National Geographic Live: Coral Kingdoms and Empires of Ice-7:30pm at Kleinhans Music Hall. Explore an amazing hidden universe with David Doubilet and Jennifer Hayes. $35, $15 for students. www.Kleinhansbuffalo.org

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/category/lecture-series/library/

Wednesday, May 1

GBNRTC Monthly Meeting-Public welcome. 9:30 to 11am at Carnegie Building, Niagara Falls. All are invited to attend Planning and Coordinating Committee (PCC) Meetings to discuss transportation events, planning initiatives, and projects with GBNRTC Member Agencies.

Volunteer Training Sessions for Tour Guides - 10am to 12 noon at Beaver Meadow Audubon Center. You do not have to attend all sessions. Call the Center at 585-457-3228 for more information on how these training sessions work and how you can learn to inspire today's youth by becoming a volunteer at Beaver Meadow. Session Topic-Shelter Building.

Hump Day Hike-Como Lake Park| 2220 Como Park Blvd, Lancaster, NY 14086| 6:30 pm. Join a Park Ranger on Wednesday evenings for a vigorous guided walk. Please wear weather appropriate clothing, bring your pack with the 10 Essentials, and don't forget your water. No registration required at this time. Meet at Boy Scout Shelter (#5). Hike will last 1 hour.

Thursday, May 2

Genesee County Master Gardeners Talk-free from 12:15 to 12:45 p.m. on the first Thursday of the month at the Cornell Cooperative Extension office, 420 E. Main St, Batavia. Take your lunch. Registration is not required. "Hell Strip Plantings" The hell strip, the area between the street and the sidewalk, is a challenge to many gardeners. Most are sparse and weed-ridden zones plagued by road salt in the winter and dry, baked soil in the summer. Learn how to avoid the typical pitfalls with hell strips so you can transform yours into a lush and welcoming garden.

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.

Chores & Chuckles: Volunteers Needed-2:30 to 5pm at Pelion Community Garden, Best St. across from City Honors, Buffalo. 1st Thursday every month: Everyone is invited to help with our seasonal garden chores. Bring a hat; share our sunscreen! No skills needed--friends & jokes welcomehttps://www.facebook.com/PelionCommunityGarden

Friday, May 3

Fryday Fishing- Ellicott Creek Park| 1 Ellicott Creek Dr, Tonawanda, NY 14150| 6 pm. Kids (4-14 years old) can join an Erie County Park Ranger on Friday evenings to learn the basics of fishing. In addition to fishing, participants can learn about fish identification, fishing equipment and techniques, knot tying, angling ethics, and aquatic ecology. Fishing poles will be provided but this program is limited to 15 kids, due to equipment limitations. Parents must stay on site and supervise their children. Parents do not need a fishing license for this program. Meet at the Casino. Required registration.

Saturday, May 4

Fairy and Gnome Festival-10am to 4:30pm at Botanical Gardens with admission.

Fairy Garden Workshops-The Buffalo and Erie County Botanical Gardens will host two fairy garden workshops at 9:30 a.m. and 2 p.m., 2655 South Park Ave., Buffalo. The cost is $15 for Botanical Gardens members and $20 for the general public. This workshop is just for kids ages 5 to 12. Participants will make their own miniature gardens for fairies or gnomes during this event the day of the Fairy Festival. Containers, soil and plants are included. A parent or guardian is encouraged to work with their child to create their masterpiece. Space is limited. Registration is available online.

Volunteer Main Street Mulchmania with The Tool Library-10am at 5 W. Northrup Place for Main Street Cleanup. RSVP at www.thetoollibrary.org/service

PELIONTEERING: Learn by doing!-1st Saturdays 10-noon. Investigate a different topic each month with experiments, cooking demos, or other fun activities. Bring a friend. Theme: Compost and Soil! 206 Best St., across from City Honors, Buffalo. https://www.facebook.com/PelionCommunityGarden

Spring Wildflower Walk- Niagara Escarpment Preserve, Lockport from 12 – 2 PM. Join us for a walk through the Niagara Escarpment Preserve in Lockport in search of spring wildflowers. Located on the Niagara Escarpment, this 36-acre property is part of the unique geological formation that is associated with unusual plants and ecological communities. The property is home to several interesting woodland plants and 10 acres of restored grassland habitat. Register. Free.

Volunteer Orientation at Penn Dixie- 11 am. Penn Dixie would not exist without our volunteers! To keep growing, we're always on the lookout for help with programming, school visits, community engagement, site maintenance, and administration. No experience necessary. We will provide all the training needed! Learn about Penn Dixie from our staff and experienced volunteers and receive the tools that you will need to make a difference. Refreshments included. In the auditorium of the Gateway Executive Office Building, 3556 Lake Shore Rd. Blasdell, NY. Contact **Dr. Holly Schreiber** at **holly@penndixie.org** to register.

Tortoise & the Hare 5K Race and Family Fun Run-9:00am-11:30am. Join us at the MacKinnon Lodge in Chestnut Ridge Park either as a runner on the USATF certified 5K road course, as a walker along the wooded 1-mile walking loop, or as a supporter participating in our nature-themed basket raffle, 50/50 split, or merchandise sales! This year we are excited to welcome our friends from Wild Spirit and their live Birds of Prey! This will be a fun day for the entire family. Be sure to register by **April 10th** as we will have a very limited supply of t-shirts available this year. Register Today!

Earth Day in May-10am to 1pm. Keep the Earth Day spirit alive by caring for Reinstein Woods' trails on I Love My Park Day. Scout groups and other organizations welcome. Refreshments provided. Registration required; call 716-683-5959. Reinstein Woods Nature Preserve.

Woods Walk: Insects in Spring-1pm. Join a guided walk to search for the insects that are out in the early spring season. No registration required. Reinstein Woods Nature Preserve.

Gardening for Migrating Monarchs-2:30pm. Learn what a monarch butterfly waystation is, why they're important and how to make your own. Provide a habitat for butterflies and other wildlife, and register your garden to a nation-wide map! For adults and children age 12 and older. Registration required; call 716-683-5959. Reinstein Woods Nature Preserve.

EarthDay with Hawk Creek Wildlife Center-11am to 4pm. Celebrate Earth Day at our NEW Mill Road home surrounded by some of the world's most unique animals! Enjoy a flying Bird Show, eagles, falcons, hawks, owls, wild cats & more! More Info | Tickets

Free Gardening Class: Buffalo Style Gardens with Sally Cunningham-11am to noon. Sally brings her vast plant knowledge to the discussion, and will discuss ways to use native pollinator plants in beautiful ways in your own garden plans. Masterson's Nursery Center, East Aurora. info

I Love My Parks Volunteering: Evangola State Park- 10am to noon. www.ptny.org/ilovemypark

I Love My Parks Volunteering: Knox Farm State Park- 9am to noon. www.ptny.org/ilovemypark

I Love My Parks Volunteering: Wilson Tuscarora State Park- 11am to 2pm. www.ptny.org/ilovemypark

Beginner's Photography: Buffalo Zoo workshop-10:00 a.m. – 12:00 p.m. for Teens and adults (ages 14+). Learn how to find the proper lighting, angle, composition, and more with a local photographer. Take your nature photography to the next level! This beginner-level photography workshop requires each participant to bring a digital SLR camera. Tickets and register at https://buffalozoo.org/single-experience/wild-workshops/

Spring Wildflowers-Location: Emery Park| 2084 Emery Rd, South Wales, NY 14139| 10 AM. Join Erie County Park Ranger Chuck and explore the spring ephemerals (wildflowers) growing in Emery Park. You will learn how to identify these wild growing flowers and what makes them special. Please bring a full water bottle, weather appropriate clothing, and sturdy closed-toe footwear. We will meet at Shelter #1 rain or shine. This event requires pre-registration and is limited to the first 30 people who sign up.

Chestnut Ridge Conservancy Meeting-11am to 12:30pm. Chestnut Ridge Park Commissioners Cabin, Chestnut Ridge Park, Orchard Park, NY 14127 info@ChestnutRidgeConservancy.org

Tips for the Environment:

1. **Take the Pesticide Pledge- Earth Day Network's Pesticide Pledge** to help reduce the amount of pesticides that are killing insects like pollinators. The risks associated with pesticides are now considered by many scientists to greatly outweigh the benefits. In fact, pesticides are known to kill many beneficial insects including those that are vital for pollination or biological control. Pesticides may also harm other wildlife and plants species that encounter these chemicals. To learn more about healthy lawns without pesticides, visit Erie County healthy lawns.

2. **Celebrate Earth Day**-April 22 is Earth Day. Make our home a safer, healthier place for humans and other species. Need tips: https://www.earthday.org/earthday/

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.

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

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

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

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

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

Additional calendars with local events-
http://artvoice.com/calendar
http://www.citybration.com
http://www.buffalospree.com
http://www.exploreny.net/events.php3
http://www.metrowny.com/events.php
http://www.buffalo.edu/calendar
Re-Energize Buffalo Blog- http://renewnrg.blogspot.com/
http://buffalorising.com
http://rochesterenvironment.com/calendar.htm

Additional local blogs and websites-
Buffalo Niagara Gardening - http://www.buffalo-niagaragardening.com/
Buffalo Niagara Nature Almanac- http://bnnatureblog.com/
Buffalo Issues Alert- http://groups.yahoo.com/group/BfloIssueAlerts/
Buffalo Promise Neighborhoods- http://buffalopromiseneighborhood.org/
Buffalo Tours- http://buffalotours.blogspot.com/
Buffalo Green Fund-http://www.buffalogreenfund.org/
Canning Tips for Food Preservation- http://www.motherearthnews.com
Campaign for Buffalo History, Architecture and Culture- http://greaterbuffalo.blogs.com/
Chirps and Cheeps Bird Blog- http://www.chirpsandcheeps.com/
Dept. Environmental Conservation Calendar- http://www.dec.ny.gov/calendar/
DEC Green Living Tips- http://www.dec.ny.gov/public/337.html
Edible Buffalo- http://ediblebuffalo.wordpress.com/
Erie Cattaraugus Rail Trail- http://www.ecattrail.org/
Fix Buffalo- http://fixbuffalo.blogspot.com/
Gardening Speakers Bureau http://gardentalkbuffalo.blogspot.com/p/blog-page.html
GBNRTC-http://www.gbnrtc.org/blog/
Guide to Urban Farming- http://smallfarms.cornell.edu/resources/
Healthy Kids/Healthy Communities- http://hkhcbuffalo.blogspot.com/
Learning Sustainability Campaign- http://www.learningsustainability.com/
Parks and Trails NY Trailfinder Site- http://www.ptny.org/trailfinder/Default.aspx
Reuse Action-http://reuseaction.com/blog/
Rochester Environment- http://www.rochesterenvironment.com/
WNY Enviro- http://groups.yahoo.com/group/WNY-ENVIRO/
Outdoors Niagara- http://www.outdoorsniagara.com/
Environmental Tips- http://www.globalstewards.org/ecotips.htm
Buffalo Architecture and History- http://www.buffaloah.com/
Richardson-Olmsted http://www.richardson-olmsted.com/
Times Beach Nature Preserve- www.facebook.com/pages/Friends-of-Times-Beach-Nature-Preserve/283210257029
Black Dog Rescue- www.blackdogsecondchance.org
Peace Weavers- http://peaceweavers.org/

Eco-Island Nature Center- https://www.grandislandschools.org/domain/49
NY Sport Fishing- http://www.fishny.com/
Erie Canal Trailway- www.ptny.org/bikecanal
Niagara Watershed Alliance- http://www.had-e-nuff.com/id6.html
Rochester Roots-http://www.rochesterroots.org/
New York Times Green Energy & Environment-http://green.blogs.nytimes.com/
We Love Outdoors-http://www.weloveoutdoors.com/
WNY Chapter/American Chemical Society- http://wny.sites.acs.org/
Fishing Outdoors- http://www.huntfishnyoutdoors.com/events.php
Citizen Science Opportunities- listing

County/New York State Resources
Erie County GIS Mapping- http://gis2.erie.gov/HTML5/ErieCountyNY/
Geographic Information Gateway http://opdgig.dos.ny.gov/#/home

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

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

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

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

Urban Farms/ Composting/Rural Community-Supported Agriculture/Sustainable Practices-
Arden Farm- http://theardenfarm.com/
Becker Farms- http://www.beckerfarms.com/csa
Buffalo Organics/Foodscaping Project-http://www.buffalofoodscaping.com/
Canticle Farms-http://www.canticlefarm.org

Common Roots Urban Farm- https://www.facebook.com/CommonRootsUrbanFarm/
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/
Little Bear Farm- http://www.littlebearfarm.com/
McCollum Orchards/Wildwood CSA- http://www.oldfarmnewlife.com/
Michigan Riley Farm- http://michiganrileyfarm.wordpress.com/
Native Offerings- http://nativeofferings.com/
Niagara Malt- www.niagaramalt.com
Plato Dale Farm- https://platodalefarm.com/
Porter Farms- http://www.porterfarms.org/
The Promised Land- http://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, Home Depot
Bicycles- Buffalo Blue Bicycle http://gobikebuffalo.org/
Books- www.booksforafrica.org, www.operationpaperback.org
Bottle and jar caps-Weisenbach Recycled Products in Ohio. CapsCando.com.
Bras- www.donateyourbra.com, www.brarecycling.us
Building materials- www.buffaloreuse.org
Cars- http://www.donateacar.com/

Cell Phones-Buffalo Zoo, Aquarium of Niagara and other charities
Clothing, general-Goodwill, Amvets, Salvation Army, St. Vincent Depaul Society, Ladies of Charity, Goodwill, Hearts for the Homeless -to see what is accepted https://www.nysar3.org/page/re-clothe-ny-78.html
Clothing, formal/business- www.donatemyweddingdress.org/, www.careergear.org, www.dressforsuccess.org
Compact Fluorescent Light Bulbs-Accepted at all Home Depot stores, Lowe's
Computer disks, tapes and misc. techno"trash"- http://greendisk.com/
Computer equipment- local Goodwill stores and attended donation centers, Best Buy, Sunnking drop-offs
Construction Materials-Buffalo ReUse, Habitat for Humanity Restore
Drug disposal best practices and sites- http://www.dec.ny.gov/chemical/45083.html, http://www.dec.ny.gov/gmk/index.html?url=http://www.dec.ny.gov/maps/gmnysmeddropbox.kmz
Electronics- www.greenergadgets.org/recycling-responsibly.html, most electronics stores, www.sunnking.com City of Buffalo residents- 1120 Seneca Street, hours and info here; Other residents, check with your towns.
Envelopes, tyvek- < 25: Send to Tyvek Recycle, Attn. Shirley B. Wright, 8401 Fort Darling Road, Richmond, VA 23237. More than 25: call 866/33-TYVEK.
Eyeglasses-Lions Club http://donateglasses.net/search.html for sites accepting donations
Fishing line: Berkley Recycling, 1900 18th St., Spirit Lake, IA 51360.
Fur coats (incl faux fur)- http://coatsforcubs.com (used for animal rehab for young animals)
Furniture-Goodwill, Salvation Army, Amvets and other charities
Gift cards and customer loyalty cards- http://www.earthworkssystem.com/consumers.html
Green Cleaning programs in the workplace-https://greencleaning.ny.gov/Entry.asp
Greeting Cards- http://www.stjudesranch.org/shop/recycled-card-program/
Hazardous Household materials- http://www.hazmanusa.com/
Household Goods (Appliances, Furniture, Kitchenware)-Goodwill, Salvation Army, Ladies of Charity, St. Vincent DePaul Society (Main St.) 882-3600,
Ink cartridges-RecyclePlace.com and most manufacturers
Mattresses- http://triadrecycle.com/mattress/ Hazman, Buffalo ReUse ReSource
Medicines, expired or unused- http://www.dec.ny.gov/docs/water_pdf/guidance3.pdf
Needles, Syringes etc.- http://www2.erie.gov/health/index.php?q=needle-disposal-amp-access
Packaging Materials (bubble wrap, peanuts)-UPS Store
Pharmaceuticals-dropoff sites at map
Plant pots- Mischler's Florist and Nursery, Lavocats Nursery, Lockwood's Nursery, Lowes stores, Home Depot
Plastic shopping bags, cereal liners, packing pillows-groceries, many retailers, www.plasticfilmrecycling.org
Plastics 1-7- dropoff at Great Lakes Recycling, 22 Mechanic St, North Tonawanda, 716-692-3448
Recycling A to Z - realsimple
Shoes, athletic-NikeReuseAShoe.com, Souls4Souls.org and OneWorldRunning.com
Sports equipment-resell/trade at www.playitagainsports.com
Styrofoam- Thermal Foams, Inc. fors clean, white Styrofoam at 2101 Kenmore Ave., 14207. Call first at (716) 874-6474.
Tennis balls- http://www.rebounces.com/recycle/
Toys, plastic- http://dmpgreen.com/mail_in.html
Uses and reuses for many items- http://www.world.org/weo/recycle
Water filters-Brita partners with preserveproducts.com/recycling
Wetsuits- https://www.sugamats.com/recycling/, https://www.greengurugear.com/pages/recycling-to-upcycle-program

Eco-volunteering with Travel:
http://www.planetfriendly.net/learn.html
http://www.globalteer.org
http://www.ecovolunteer.org/
http://www.goeco.org/
http://www.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 Niagara Community Reinvestment Coalition	https://www.facebook.com/BNCRC/
Buffalo Niagara Gardening	https://buffalo-niagaragardening.com/
Buffalo and Erie County Botanical Gardens	www.buffalogardens.com
Buffalo Farm to School Program	http://buffalofarmtoschool.org/
Buffalo Geological Society	www.bgsny.org
Buffalo Heritage Carousel	http://buffaloheritagecarousel.org/
Buffalo in Bloom	http://www.buffaloinbloom.com
Buffalo Maritime Center	http://www.buffalomaritimecenter.org/
Buffalo Museum of Science	www.sciencebuff.org/
Buffalo Niagara Waterkeeper	https://bnwaterkeeper.org/
Buffalo Olmsted Parks Conservancy	www.bfloparks.org
Buffalo Orienteering Club	http://www.buffalo-orienteering.org/
Buffalo Ornithological Society	http://www.buffaloornithologicalsociety.org/
Buffalo Recycles	http://buffalorecycles.org/
Buffalo ReUse	www.buffaloreuse.org/
Buffalo Urban Development Corp	http://budc.ecidany.com/

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

Environmental Protection Agency Local Office (716) 551-4410	http://www2.epa.gov/aboutepa/epa-region-2
Erie Canal Harbor Development	http://www.eriecanalharbor.com/
Erie County Community College Going Green	http://eccgoinggreen.ecc.edu/index.html
Erie County Conservation Society	http://eccs-club.org/
Erie County Department of Environment and Planning	http://www2.erie.gov/environment/
Erie County Environment Management Council	http://www2.erie.gov/environment/
Erie County Farm Bureau	http://www.ecfarm.com/
Erie County Federation of Sportsmen's Clubs	http://www.eriectyfsc.org/
Erie County Parks and Recreation	http://www.erie.gov/parks
Erie County Soil and Water Conservation	www.ecswcd.org/
Excalibur Leisure Skills	https://www.facebook.com/excaliburleisureskills/
Explore Buffalo	www.explorebuffalo.org
Farm2Curb	https://www.facebook.com/farmtocurb
Field and Fork Network	http://fieldandforknetwork.com/
First Hand Learning	www.firsthandlearning.org
Food Policy Council of Buffalo & Erie County	http://www2.erie.gov/fpc/
Foundry	http://thefoundrybuffalo.org/
Friends of the Iroquois National Wildlife Refuge	http://www.friendsofiroquoisnwr.org/
Friends of Reinstein Woods	http://reinsteinwoods.org
Friends of Times Beach Nature Preserve	http://www.friendsoftimesbeachnp.org/
Foothills Trail Club	www.foothillstrailclub.org
Gardens Buffalo Niagara	https://gardensbuffaloniagara.com/
Garden Clubs of WNY	www.gardenclubsofwny.com
Genesee County Nature Center	http://co.genesee.ny.us/departments/parks/inc.php

Genesee County Village & Museum	https://www.gcv.org/
Global Justice Ecology Project	http://globaljusticeecology.org/
Go Bike Buffalo	http://gobikebuffalo.org/
Go Buffalo Niagara	http://gobuffaloniagara.org
Gooseneck Hill Waterfowl Sanctuary	www.gooseneckhillwaterfowlfarm.com
Grassroots Gardens of Buffalo	www.grassrootsgardens.org/
Greater Buffalo-Niagara Regional Transportation Council	www.gbnrtc.org/
Great Lakes Beach Sweep	http://greatlakesbeachsweep.org/
Great Lakes Center at Buffalo State College	http://greatlakescenter.buffalostate.edu/
Great Lakes Experience	http://www.thegreatlakesexperience.org
Green Development Zone	http://greendevelopmentzone.org/
Green Sun Seed Library	www.facebook.com/groups/GreenSunSeedLibrary/
Greenworks WNY	https://www.facebook.com/Greenworks-Buffalo-Niagara-418537631544691/
Groundwork Buffalo	http://gwbuffalo.org/
Habitat for Humanity Buffalo	http://www.habitatbuffalo.org/
Hawk Creek Wildlife Center	https://www.hawkcreek.org
HEART Animal Rescue and Adoption	https://www.heartforanimals.org/
Heart of the City Neighborhoods, Inc.	www.hocn.org
H.O.P.E of WNY	https://www.reptilekeeperllc.com/
Housing Opportunities Made Equal	http://www.homeny.org/
Imagine Greater Buffalo Lifelong Learning	http://imaginelifelonglearning.com/
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/
Local Initiatives Support Corporation	http://www.lisc.org/buffalo/
Lyceum at Silo City	https://www.lyceumsilo.city/
Massachusetts Avenue Project	http://mass-ave.org/
Matt Urban Human Services Center	http://urbanctr.org/
Messinger Woods Wildlife Care and Education Center, Inc	www.messingerwoods.org
Nannen Arboretum	http://www.nannenarboretum.org/
Nature Conservancy-Central and Western New York Chapter	http://Nature.org
Nature Sanctuary of Western New York	http://nsswny.org/
New York Farm Bureau	http://www.nyfb.org/
New York Flora Association	http://www.nyflora.org/
New York Forest Owner's Association	www.nyfoa.org
New York Interfaith Power and Light	www.newyorkipl.org/
New York League of Conservation Voters	http://www.nylcv.org/
New York Power Authority	www.nypa.gov
New York Public Interest Research Group	http://www.nypirg.org/
New York State Association of Conservation Commissions	http://www.nysaccny.org/index.php
New York State Ornithological Association	http://nybirds.org/index.html
New York State Outdoor Education Association	http://nysoea.org/
New York State Parks	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/niagar
Niagara River Anglers Association	www.facebook.com/Niagara-River-Anglers-1013633888708865/
Niagara River Greenway Commission	https://www.niagararivergreenway.com/
Niagara University Sustainability	http://www.niagara.edu/green/
Northeast Organic Farming Association of New York	http://nofany.org
Oakmossed Education	http://oakmossed.com
One Region Forward	http://www.oneregionforward.org/
Open Buffalo	http://www.openbuffalo.org/
Our Outer Harbor	http://www.ourouterharbor.org/
Partners for a Livable WNY	https://www.livablewny.org/
Partnership for the Public Good	www.ppgbuffalo.org
Paths, Peaks and Paddles	www.pathspeakspaddles.com
Penn Dixie Paleontological and Outdoor Education Center	www.penndixie.org
Pfeiffer Nature Center (Portville)	www.pfeiffernaturecenter.org
People United for Sustainable Housing	http://www.pushbuffalo.org
Plant WNY	http://www.plantwny.com/

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

Tonawanda Creek Watershed Committee	https://www.facebook.com/TonawandaCreek/
Tonawanda Tomorrow	http://tonawandatomorrow.org/
Tuscarora Environmental Task Force	http://www.tuscaroraenvironment.com
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/UBEnvironmentalNetwork/
UB Office of Sustainability	http://www.buffalo.edu/sustainability.html
UB Regional Institute	http://regional-institute.buffalo.edu/
Urban Land Institute	http://newyork.uli.org
Urban Roots	www.urbanroots.org/
US Army Corps of Engineers-Buffalo District	http://www.lrb.usace.army.mil/
US Coast Guard-Boating Safety	http://www.wnyboatsafe.org/
Vision Niagara	http://visionniagara.org/
Voice-Buffalo	https://voicebuffalo.org/
WASH Project	http://thewashproject.org/
Wellness Institute	http://www.healthycommunitynetwork.com/
Western Chapter New York Water Environment Association	http://nywea.org/
Western New York AmeriCorps (Service Collaborative)	http://www.tscwny.org/
Western New York Earth Day	http://www.wnyearthday.org/
Western New York Environmental Alliance	http://www.growwny.org/
Western New York Family Nature Club	http://lthibault.wixsite.com/wnyfamilynatureclub
Western New York Food Hub	http://wnyfoodhub.com
Western New York Herpetological Society	http://www.wnyherpsociety.org/
Western New York Hiking Trails and resources	www.wnyhikes.com

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