Enviro-News

April, 2015

Sponsored by Daemen College's Center for Sustainable Communities and Civic Engagement and Global & Local Sustainability Program

Newsletter Contents:

- Articles- including events, courses, local news, grants, positions
- Upcoming Activities
- Tips to Help the Environment; Lesley Haynes' column
- Volunteer opportunities, recycling, CSAs and farms, organization links

Articles:

Erie County Farmland Protection Roundtable

Cornell Cooperative Extension is hosting an Erie County farmland protection roundtable on **Wednesday, April 8, 2015** from 6 to 9 PM at their office at 21 South Grove St., East Aurora, NY. The event is free and open to the public. By attending, you will have an opportunity to meet and hear from regional and statewide leaders as we explore tools for supporting our region's farms. Sign up today - space is limited! Click to <u>register</u>. If you have any questions, you can contact Rachel Chrostowski at <u>rchro@live.com</u>.

Designing to Live Sustainably Competition Visioning Session

The 2015 Competition: Our Responsibility to Future Generations - Preparing for the effects of climate change has officially launched! A Visioning Session and Mentor Engagement event will be held on **Saturday, April 11th** at d!g Buffalo (640 Ellicott Street, Buffalo) from 1 to 3pm. Attendees, whether with a specific project in mind, or just interested in learning more about the competition, will visit seven stations, then choose up to three stations to revisit and further develop their ideas. Each station will be representative of one of the six competition categories and will be facilitated by up to three mentors with expertise in the category represented. Anyone with an idea that could contribute to the region's planning for the effects of climate change is welcome to join in this radical collaboration to collectively improve the Buffalo-Niagara bio-region. To Pre-Register, please fill out the <u>Registration Form.</u>

Buffalo's Outer Harbor: Developing our City's Waterfront

Join Dan Telvock, Investigative Post's environmental reporter, on **April 15** at 7pm as he discusses his coverage of Buffalo's Outer Harbor. Telvock's multimedia presentation will be followed by a panel discussion featuring experts and advocates on one of the region's most burning issues: How to develop the city's waterfront. The event will conclude with a Q&A session with the audience. Admission includes an Investigative Post membership. The event will be held at the Theodore Roosevelt Inaugural Site, 641 Delaware Ave. and admission is \$10. For tickets visit: http://www.investigativepost.org/events/

State and Local Transit Funding: Past, Present and Future Opportunities

Citizens for Regional Transit invite the public to a panel discussion on the need for increased state and local funding for the Niagara Frontier Transit Authority and its impact in sustaining and growing Western New York's economic renaissance. This free event will be held from 5:30-6:30pm on **Wednesday**, **April 15** at United Way, 742 Delaware Ave., Buffalo. This discussion will consist of brief talks on the need to increase transit funding from New York State and Erie County and the role of the Erie County Industrial Development Agency's tax exemptions, followed by a question and answer component. Panel Speakers will be: State Assemblyman Sean Ryan, Erie County Legislator Patrick Burke and Lynda Stephens, Subsidy Action Committee, Coalition for Economic Justice. Info at http://www.citizenstransit.org/.

The Scajaquada Initiative: Public Access to a Healthy Urban Waterway

Learn all about Riverkeeper's exciting Scajaquada Initiative at our **April 18**th forum from noon-4pm. The first part of our program will feature Jessie Fisher, Director of Planning at Buffalo Niagara RIVERKEEPER, who will cover the community-driven Scajaquada Initiative and how it will connect citizens, businesses, institutions, and government to create partnerships and change the perception and health of this urban waterway. Ms. Fisher will also speak about on-going Green Infrastructure projects such as CSO 60, which will reduce the amount of sewage overflows to the creek, and the transformation of a former brownfield on the creek to a paddle sports launch and micro park with public access at 1660 Niagara Street! We will then head outdoors and onto the Jesse Kriegel Bike Path for a walking tour of the creek led by Riverkeeper Citizen Engagement Project Manager Chris Murawski. The group will meet the Scajaquada Canoe Club on water for some information on the recreational potential of the waterway. The tour culminates at 1660 Niagara to see the future home of this new park. Meet at Polish Cadets of Buffalo, 927 Grant Street, 14207. The outside tour is a 1.65 mile round trip walk on level pavement with stops along the way. Please dress appropriately for the weather. RSVP is required. Register here.

Taste of the Southtowns Fundraiser for Gooseneck Hill Waterfowl Farm

Taste of the Southtowns will be held on **Sunday April 19** from 11:30-5 P.M. INSIDE St. Aloysius Hall, 190 Franklin St., Springville. Eight restaurants will be serving 50 food items including: Beef on Weck, Pork Tenderloin, Tacos, Steak Tips, Ribs, Perogi, Soups, Peanut Butter Pie, Apple Pie, Brownies & more. Food Items from \$1.00 to \$4.00. 50 Basket Chinese Auction, Silent Auction, 2 Live bands: "The Rustic Ramblers" and "Wagner & Winston". Free Admission with 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 65 different species. For info call 716-942-6835, rosebird@frontiernet.net, www.gooseneckhillwaterfowlfarm.com

Cultural Partners in an Olmsted Landscape

Buffalo Olmsted Parks Conservancy is hosting Douglas Blonsky, President & CEO, Central Park Conservancy as he presents "Cultural Partners in an Olmsted Landscape". He will speak on **April 22** from 4-6pm at the Albright Knox Art Gallery. Tickets are \$30 (\$15 BOPC/AKAG member). Order tickets online by visiting bfloparks.org or call 838-1249 ext. 10. Tickets will also be sold at the door.

Communities in Bloom: Gardening Classes

The Cornell Cooperative Extension of Erie County Master Gardener Program will hold two spring gardening seminars called Communities in Bloom. Both seminars will have similar agendas. Topics include pruning; annuals and perennials; seed starting and vegetables; soils, compost and mulch, and disease and pest prevention. The seminars run from 9 a.m. to 2:30 p.m. The **Saturday, April 11** session will be held in the Unitarian Universalist Church, 695 Elmwood Ave., Buffalo with registration due by April 7. The **April 18** session will be held at the Cornell Cooperative Extension Office Building, 21 So. Grove St., East Aurora with registration due by April 14. The registration fee is \$20. Active Master Gardener Program volunteers are eligible for a registration discount. To register, call 652-5400, ext. 177 or register online.

DEC Accepting Applications for Annual Environmental Excellence Awards

The New York State Department of Environmental Conservation (DEC) is now accepting applications for the 2015 Environmental Excellence Awards program. Eligible applicants include businesses; not-for-profit organizations; education, health care and recreational facilities; individual(s); and local, state, federal and Indian Nation government agencies.

DEC is especially interested in showcasing projects that achieve significant environmental benefits through green infrastructure, pollution prevention, greenhouse gas emission reduction, waste reduction and innovative environmental projects. Completed applications for the 2015 awards must be post marked no later than **Friday**, **April 10, 2015**. Details are available at http://www.dec.ny.gov/public/945.html.

TEDxBuffalo Speakers Invited

TEDxBuffalo 2015 will take place on Thursday, October 22, tentatively from 5:30 p.m. until 9:30 p.m. at Asbury Hall on Delaware Avenue in downtown Buffalo. Potential speakers can submit their pitch until **Friday April 10** for consideration. TEDxBuffalo is an independently licensed TEDx event that follows the guidelines put in place by the TED conference 20 years ago. Using TED's unique 18-minute time limit, we are able to provide the audience with talks on a variety of topics that are sure to inspire and educate. TEDxBuffalo strives to bring fresh faces with breathtaking ideas and projects to the stage in front of hundreds of people in the audience and countless more watching live online. Click here for some tips on what we're looking for — and some examples from past TEDxBuffalo conference. Submit your completed video at http://www.tedxbuffalo.com/speak/.

Bottle Drive for Charity

On **April 11**th, bring your cans and bottles to the Millersport Recycling Center (http://millersportrecycling.com/) and help The Green Clean Team collect funds for the Sea•thos foundation (http://www.seathos.org/). For more information, email thegreencleanteamny@gmail.com.

WNY Sustainable Business Roundtable Earth Week Showcase

The WNY Sustainable Business Roundtable invites you to their **April 24**th showcase event which will highlight how "being green creates green". The event features a presentation by Erie County Executive Mark Poloncarz about the importance of sustainability in economic development and a talk with a panel of WNYSBR members about the added value that sustainability is bringing to their businesses. The event will be at the Buffalo Niagara Partnership at 8:30am. All businesses are welcome to attend and invited to join the WNYSBR. Register your spot at http://www.brownpapertickets.com/event/1391861.

Keep Western New York Beautiful Launches 2015 Great American Cleanup

Keep Western New York Beautiful, which builds and sustains a clean, green and a more beautiful Western New York seeks volunteers for its 2015 cleanup and beautification efforts. Local events occur from **April 1st-May 31**st and event registration is open. Organize volunteers with your block club, work place or community group. Groups can borrow tools and get supplies prior to their event. Additionally, all groups that register will be entered into a drawing to receive a Troybilt gas-powered blower, courtesy of Planet in Action.

If you do not have a group, join one of the others being organized near you! To check out other dates and locations as they are added, visit <u>keepwesternnewyorkbeautiful.org</u> and follow us on <u>Facebook</u> for the most current news and give-a-ways. For more questions, contact Caesandra 716-803-5566(cell).

Explore Buffalo Kickoff Party

Join Explore Buffalo on **May 7** from 7-9pm to kick off its summer tour season. The Frank Lloyd Wright-designed Fontana Boathouse is the site for our Season Kickoff Party at a spectacular waterfront location. The Fontana Boathouse is one of the best places in Buffalo to watch the sun set over Lake Erie and the Niagara River. Included in admission is two drink tickets for beer or wine (additional drink tickets will be \$3) along with hors d'oeuvres and live music. General Admission: \$20, All tickets at the door: \$25, Learn more & register now!

Clean Air Annual Dinner

Join others to support the WNY Clean Air Coalition at their annual dinner on **Thursday, May 7** at Hotel Lafayette, the Greenhouse Room, 391 Washington St. Buffalo, NY. Dinner will be served at 6:30pm and reservations are required by **April 21**. Get your tickets online here.

Teams Needed - 2015 Garlic Mustard Challenge

Scout groups, civic organizations, families, and individuals are invited to participate in the fifth annual Garlic Mustard Challenge. The Land Conservancy, Buffalo Audubon Society, Friends of Reinstein Woods, and the NYS DEC are working together to improve habitats by ridding them of garlic mustard, a plant that was originally brought from Europe as a source of food. The plant escaped from gardens and has invaded forests throughout the eastern United States, crowding out native wildflowers like trillium and Dutchman's breeches. This friendly competition is designed to remove this harmful plant from Western New York.

Volunteer teams will work at three nature preserves including the Land Conservancy's Kenneglenn Preserve in Wales, Buffalo Audubon's Beaver Meadow Nature Center in North Java, and the DEC's Reinstein Woods Nature Preserve in Cheektowaga. Teams may pull garlic mustard as often as they like between April 18 and June 18. Training, gloves, and disposal equipment will be provided. The teams that pull the most garlic mustard throughout the season will win prizes, including a weekend stay at the cabin at Beaver Meadow, snowshoe and ski rentals at Reinstein Woods, and more. The nature preserve that harnesses the most volunteer power will be crowned the Challenge Champion. The winners will be announced during an award ceremony on June 20 at the Kenneglenn Nature Preserve in Wales.

Buffalo Audubon and Reinstein Woods will hold kickoff events on **Saturday, April 18** at 11 a.m. Participants can learn how to identify and remove the plant, as well as how the competition will work. Groups will be welcome to remove garlic mustard as often as they like until the final pull date of Thursday, June 18. To register or for info, contact one of the organizations: Beaver Meadow Audubon Center, North Java: (585) 457-3228; WNY Land Conservancy's Kenneglenn Nature Preserve, Wales (716) 687-1225; Reinstein Woods Nature Preserve, Depew (716) 683-5959.

Buffalo Niagara Riverkeeper Spring Shoreline Sweep

Volunteers are needed to clean up our local waterways on Saturday, April 25. To sign up and select your location, visit http://bnriverkeeper.org/cleanup/.

Springville Arts Center Sprouts Green Roof Seedling Adoption Program: Volunteers Needed

Springville Center for the Arts is seeking volunteers to "adopt" seedlings for the green roof project at 5 East Main Street, Springville. Interested "parents" should have a sunny window location and a green thumb with some seedling experience. Seed packets will be distributed and the seedlings will be installed on the roof later in the Spring when plants are fully developed.

A green roof has many benefits including reducing the flow of storm water, keeping the building and surrounding environment cooler, and a far greater roof lifespan which makes them very cost effective over the long term. While the technology is relatively new in the United States, countries in Central Europe have been working with green roofs for half a century. There are several different systems but most green roofs involve some sort of drainage layer, various fabrics to separate components and a lightweight engineered soil medium populated by drought and wind resistant plants.

The green roof project at 5 East Main Street is a demonstration project that contains zones of extensive, or low maintenance plants, garden-like public areas, raised beds suitable for vegetables, and meadow plantings. Eventually, visitors to the first floor café will be able to visit the roof on a regular basis. The Arts Center received a grant from the Environmental Facilities Corporation to assist with this project. Springville Center for the Arts is transforming the building from an abandoned and collapsed structure into a dynamic arts-based multi-use redevelopment. The first floor will house Art's Cafe.

In addition to the seedling adoption program, volunteers are requested for the green roof installation. Most of the components are tentatively scheduled to be hoisted to the roof on **April 25** with plantings to occur in May. The main installation requires a great deal of coordination and several teams working together. A green roof "certification" workshop will be held in advance. Volunteers should call 592-9038 or email Seth Wochensky at scaseth@gmail.com to sign up to either program.

Citizen Planning School – Spring 2015

The UB School of Architecture and Planning is hosting the second semester of the One Region Forward Citizen Planning School. Learn about the basics of planning and sustainability in order to take a more effective and active role in shaping your community. Sign up to attend sessions in the 2015 Citizen Planning School.

Pond Stocking for Niagara County Residents

New for spring of 2015- Niagara County Soil & Water Conservation District is offering grass carp and eight different species of larger fish for ponds in the spring of 2015. You can find the order form and additional information including fish descriptions at www.niagaraswed.com. Deadline for orders: May 8.

Buffalo Niagara Riverkeeper Biking and Hiking Tour Dates Posted

Riverkeeper has currently opened our hiking and biking tours for the 2015 tour season-first trips in early May! Come join us on these tours as we explore our local watershed, learn about the history and importance of these places. Become better connected with our environment so we can all continue to work of protecting and restoring our water. Tours are free and open to the public. For dates and required registration, visit http://bnriverkeeper.org/rivertours/.

New York State Wetlands Forum Annual Conference

The New York State Wetlands Forum is scheduled for **April 14 and 15**, Syracuse, New York. Info and registration available here.

New York Statewide Preservation Conference

The New York Statewide Preservation Conference is set for **April 16-18, 2015** in the lakeside city of Geneva. This year's theme, The Art of Preservation: Painting Your Community's Future, is partially inspired by the Conference headquarters—the restored Smith Opera House. Info available at http://landmarksociety.org/conference/

Canal Clean Sweep Volunteer Events Sought

Show your appreciation for the New York State Canal System and Canalway Trail by celebrating the 10th anniversary of <u>Canal Clean Sweep</u>, **April 17-19**. Join with more than 150 communities, not-for-profit organizations, civic groups, businesses, and social clubs and 3,000 volunteers by participating in or organizing an event for one of the most popular Earth Day events in the state. <u>Register an event</u> today!

Symposium on Energy in the 21st Century

The annual Symposium on Energy will be held on **April 17, 2015** at "<u>The Links</u>" in East Syracuse, New York. The symposium includes talks and field trips. Advance registration is available until April 1. <u>register</u>

I Love My Park Day

I Love My Park Day, celebrated on **May 2** this year, is a statewide event that improves and enhances New York's parks and historic sites, bringing increased visibility to the entire park system. Join volunteers to celebrate by cleaning up winter damage and other debris on park lands and beaches, planting trees and gardens, restoring trails and wildlife habitat, removing invasive species, and working on various site improvement projects. Nearly 90 parks and historic sites will participate this year, from Montauk Point to Niagara Falls. The annual event is sponsored jointly by the New York State Office of Parks, Recreation and Historic Preservation and Parks & Trails New York. Participating in I Love My Park Day is a great way to give back to these special places, and it is also a lot of fun. Our parks offer the best of New York's outdoor recreational opportunities, attract tourists who support local economies, and bring people together. Register here to volunteer for I Love My Park Day on May 2.

Skyride

Mark your calendar for **May 30** for this year's Skyride. Registration is open for this bike ride through Buffalo and across the Skyway. Volunteers are needed and receive perks. http://skyridebuffalo.org/get-involved/

Solstice Soirée at the Science Museum

The Buffalo Science Museum will host it annual wine tasting event as "Solstice Soirée" on **Saturday, June 20, 2015** from 730-1030pm. The event will celebrate the upcoming restoration of our rooftop observatory with an exclusive event offering enhanced wine tasting, VIP-level hors d'oeuvres for all, unique auctions, and a special glimpse into the future of the Museum's observatory and fourth floor space exhibit. Tickets to Solstice Soirée are \$65 with sales starting on April 15 and are limited to 400. Adults 21 and over only. If you have questions about the event, or to purchase tickets over the phone, contact Kaitlin Byrne at 716.896.5200 x359 or email kbyrne@sciencebuff.org.

Draft Conservation Plan for Bald Eagles: Public Comments Sought

A proposed conservation plan to manage New York's population of the bald eagle is now available for public review and comment. The Conservation Plan serves as a guide for landowners, resource managers, local government agencies and other stakeholders to manage and perpetuate the bald eagle and its habitat in New York. The Draft Conservation Plan for Bald Eagles in New York State may be downloaded directly from Bald Eagle can be found on DEC's web-site. Comments will be accepted until **Friday, April 10.** Comments should be addressed to wildlife@dec.ny.gov (note "bald eagle" as subject line).

Garden Walk Buffalo Applications Available

Would you like your garden to be on this year's Garden Walk Buffalo? Share your garden and show your pride in your neighborhoods and city. Entry deadline is **May 15, 2015**. <u>APPLY ONLINE HERE</u> There is no judging of gardens, Garden Walk is NOT a contest. There are no entry fees. All you have to do is fill out an application and get gardening! Just two criteria... Gardens must be from the boundaries of the Walk, specifically within the boundaries of the Niagara River to Main Street and Canalside to the Scajaquada Expressway.

Energy Building Design Training at Ithaca's EcoVillage

Ian Shapiro, founder of Taitem Engineering and Liz Walker, co-founder of EcoVillage Ithaca are offering a 2-day training on **May 11 and 12** at EcoVillage Ithaca. The session will meet from 8:30am-5pm each day and focus on design and construction details which can achieve net zero energy use in new buildings. It is co-sponsored by USGBC, NY Upstate Chapter. More information is available at: http://ecovillageithaca.org/net-zero-energy-building-design-training/.

Allegany Nature Pilgrimage-Save the Date

Join us at the 57th Annual Allegany Nature Pilgrimage Friday - Sunday, May 29, 30, and 31, 2015. Natural history talks and hikes and fun for all in a beautiful setting! Registration is open here.

University at Buffalo's 2015 Stream Restoration Summer Workshops

The University at Buffalo (UB) will be offering two summer workshops on topics related to stream restoration. Workshops are scheduled for the first week of **June 2015** at the UB's North Campus in Buffalo, NY. The first workshop is Fundamentals of Stream Channel Design (June 1-2) and the second workshop is Watershed Management Planning, Assessment, & Monitoring (June 3-5). Participants may take either or both workshops. The workshops are geared toward graduate students and environmental professionals. More information will be posted on our webpage: http://www.erie.buffalo.edu/trainingSummerCoursemainpage.php.

Community Supported Agriculture (CSA) Enrollments Open-Don't delay

Want fresh vegetables throughout the summer without the hassles of growing your own? Consider joining a CSA (community supported agriculture) and receive a weekly share of the farm's bounty. Many CSAs are filled for the 2015 season, so don't delay. There is a listing of many local CSAs further down in the newsletter.

USDA Grant to Increase Local Foods in School Cafeterias

The Buffalo Public Schools (BPS) is one of 82 projects spanning 42 states and the Virgin Islands receiving support this year through the U.S. Department of Agriculture's (USDA) Farm to School Program, an effort to better connect school cafeterias and students with local farmers and ranchers. The Buffalo school district received the \$45,000 planning grant to impact 34,000 students in over 50 schools. The Buffalo Public School Farm to School initiative aims to bring healthy, local, and fresh food to schools in Buffalo. The initiative will connect schools, farms, and community partners to improve student nutrition through agriculture, health, and nutrition education; and strengthen our economy by supporting local farmers and food producers.

New York Free of Plum Pox

For the third year in a row, inspectors have detected no evidence of the invasive species Plum Pox Virus in stone fruit trees in New York State. Due to these positive results, farmers covering land on more than 14,400 acres in Niagara County will be able to plant stone fruit trees in the county, including peaches, plums, nectarines and apricots—in some areas for the first time since 2006. When stone fruit trees are infected with the Plum Pox Virus, yields are reduced, tree life is shortened, and fruits are disfigured to the point where they become unmarketable. The virus is spread on infested budwood or through transmission by aphids, a small insect. Plum Pox Virus does not pose any health risks to humans.

Prior to this new designation, Niagara County was the last county in the nation with an active Plum Pox Virus designation. It first appeared in New York State in Niagara County in 2006 and was later found in Orleans and Wayne Counties. Surveys in Niagara County included a focus on the area closest to the Niagara River since Canada still has this disease in its peach orchards. Before planting this year in the regulated area, fruit growers and nurseries are encouraged to contact the Plum Pox eradication program staff at (585) 370-1606.

"Rethink Extinct" Exhibit

Dinosaurs return to the Buffalo Science Museum in a new, interactive studio dedicated to exploring the history and causes of extinction. Rethink Extinct will take guests on a journey through time, starting in the Paleozoic Era 542 million years ago, to explore the past – and the future – of life on Earth. Ever since the most basic of organisms began populating our planet, Earth has experienced at least five mass extinctions that have driven more than half of all life to extinction in relatively short periods of time. Entry to Rethink Extinct is included with general museum admission (\$10 adults, \$9 seniors, \$8 children 2-17) and free for BMS Members and children under 2. For more info, visit http://www.sciencebuff.org/exhibits/.

The GRoW House

Led by the University at Buffalo (UB) School of Architecture and Planning in collaboration with the university's Schools of Engineering and Management, a team of UB students and professors has been selected to compete in an elite international event - the US Department of Energy's 2015 Solar Decathlon. The Solar Decathlon is a biennial competition that challenges collegiate teams to design, build, and operate solar-powered, highly energy-efficient houses. Inspired by Buffalo's burgeoning urban gardening movement, the UB team is designing and building a 1,200 sq. ft. solar-powered home, known as the GRoW House. The dwelling will have space where residents can Garden, Relax, or Work (GRoW), including a greenhouse living space (the GRoWlarium) and a sizeable kitchen. More information about this effort and how to assist financially can be found at http://grow.buffalo.edu/.

PUSH Green comes to WNY

<u>PUSH Green</u> was created to help WNY get energy efficient! Through PUSH Green you may receive a free comprehensive energy audit of your home. If you choose to proceed with recommended improvements, we can help you access subsidies and low-cost financing you may qualify for, including a new NYSERDA program that will allow you to finance improvements right on to your utility bill, eliminating the need to pay up-front. PUSH Green acts as your knowledgeable advocate during the entire process, and helps connect customers to contractors who agree to do right by their workers and community. Visit www.pushGREENwny.org or call 716-886-1780.

Urban Farmer Information Wanted for Database

Ehle Shachter, Brooklyn office of NYS Department of Agriculture and Markets, is creating a community gardening and urban agriculture webpage. Their webpage features newer images of community garden and urban agriculture activities across the state, with references to the establishments specifically. Check out the webpage. If you have events or information to share, please contribute to the calendar at this site. Submit your event (Name of event, organization, link to event, description of event, time, and date to commgardenandurbanagcalendar@gmail.com.

Grow your Own Clothing?

A Brooklyn startup Modern Meadow has pioneered a way to coax animal tissue cells into a dense, cowhide-like material with varying strength, weight, texture, and elasticity. Suzanne Lee, their new creative director, has been able to spin whole garments with little more than bacteria, yeast and sweetened green tea. A chance encounter between the artist Lee and a biologist, led to a collaboration that has been an ongoing fashion experiment. Read more at http://www.popsci.com/meet-woman-who-wants-growing-clothing-lab

Plot the Lot Program

While vacant land is still available in Buffalo, the city is also finding itself with new development projects. As buildings continue to rise in some neighborhoods, the opportunity for greenspace is dwindling. The Plot the Lot program aims to map the current vacancy by residents and volunteers. This will allow the neighborhood to assess its own needs, and create a vision for the place they live by reclaiming vacant land through practices such as community gardens, urban farms or pocket parks. Grassroots Gardens invites groups of volunteers to visit a couple of different neighborhoods. All that is required is a smart phone with a charged battery. If you would like to volunteer, please email derek@grassrootsgardens.org!

Food not Bombs

Buffalo Food Not Bombs prepares shares a free vegan meal with anyone who is hungry at Lafayette Square on Mondays and Saturdays from 1 to 2 p.m. Volunteers are ALWAYS welcome! Food Not Bombs shares food as a form of political protest. Sharing food in a public place draws attention to the fact that society fails to provide food and housing for all people, while hundreds of billions of dollars are given to fund wars and state violence. There is enough food to go around: all the fresh produce, grains, and beans that Food Not Bombs uses would have otherwise gone to waste. Worldwide, roughly one third of food produced for human consumption is lost or wasted. For more info, https://www.facebook.com/BuffaloFNB

EPA Approves New Climate-Friendly Refrigerants

As part of President Obama's Climate Action Plan, the U.S. Environmental Protection Agency (EPA) is increasing the options for refrigerants used in various kinds of refrigeration and air conditioning equipment in the United States that offer better climate protection without harming the ozone layer. This expands the list of approved substitutes to include more low-global warming potential (GWP) alternatives that can replace both the ozone-depleting substances and high-GWP hydrofluorocarbons (HFCs). The approved substitutes have GWPs that range from 3 to 675 and can replace older compounds with GWPs from 1400 to 4000 and may be approved for industrial and/or residential use. For more info, visit http://www.epa.gov/ozone/snap/index.html.

Assisted Home Performance with ENERGY STAR®

Want to improve your home's energy efficiency and comfort while saving money? Have a home energy assessment conducted by trained and experienced home performance contractors. The assessment provides you with a top-to-bottom look at where your home is wasting energy. You will learn the root cause of any drafts, inconsistent temperatures, heating and cooling system failures, or other problems you may be experiencing. The Assisted Home Performance with ENERGY STAR program makes it easy and affordable to make the smart investment in a more energy-efficient home, helping income-eligible homeowners across the State lower their energy bills and live more comfortably all year long. It provides those who qualify with a discount of the cost of eligible energy efficiency improvements up to \$5,000 per project for single-family homes. Apply Now.

Shrimp Shells May Have New Use in Packaging

In America we use 2.5 million plastic bottles each hour and recycle only 27 percent of them. Discarded packaging and other plastic products are major contributors to environmental waste including the garbage patches reported in the ocean. A team at the Wyss Institute at Harvard University has developed a bioplastic fabrication process that uses a form of chitin found in shrimp shells. Their material "Shrilk" (named for shrimp chitin combined with a protein from silk) can be molded into complex 3d shapes without breaking or shrinking. The resulting bioplastic degrades in about two weeks, actually adding nutrients to soil and allowing plant life to grow. For more info, visit http://news.harvard.edu/gazette/story/2014/05/promising-solution-to-plastic-pollution/

Electricity Generation from Tires- Innovation for the Future

Goodyear announced a concept for a heat-gathering, electricity-generating tire at the 2015 Geneva International Auto Show. The <u>BH03 concept tire</u> would capture the heat generated by the friction of the tire rolling along the road and from the flexing of the tire under normal driving. In addition, the tire with a layer of thermo-piezoelectric material could capture light and heat when the vehicle is stationary transforming that into more electricity.

Permaculture Videos-See it in Action

An online video series allows you to see permaculture sites and gain a better understanding of what is involved. Check it out at http://www.openpermaculture.com/experience-permaculture-site-visits.

Pacific Institute for Climate Solutions Offers Online Climate Courses

Climate Insights 101 is a short course series designed to provide users with an in-depth understanding of climate science and related issues. Climate Insights 101 is produced as a series of modules, each with several animated lessons. To learn more, visit: <u>courses</u>.

2015 Erie Canal Cycle Tour Registration Open

Registration is open for Parks & Trails New York's 17th annual <u>Cycle the Erie Canal</u> tour, an opportunity to bike across New York State and take in the rich history of a legendary canal that helped transform America. <u>Click here</u> to register today! The 2015 tour kicks off in Buffalo on **July 12** and arrives in Albany on July 19.

Cool Harvest Resource for Climate Change & Diet

Cool Harvest is a food faith and climate program. Food is central to religious life – from rituals to sacraments to soup kitchens – and looking more carefully at our food choices can be a revealing exercise. CoolHarvest.org has tips and resources to walk you through this, so you can make healthier and more sustainable food choices for your congregation and community. You will also find climate table blessings, tips for hosting a "Cool Potluck" in your community, a guide for building your own raised beds, and much more. Visit http://www.coolharvest.org/ for tips.

Small Farmer Courses

The Northeast Beginner Farmers Project offers interactive 5-7-week courses to connect you to the information and people you need to start a successful farm business or diversify your farm. A new series of courses will be offered in early 2015 with limited spaces. Courses are \$200 each. All courses consist of weekly real-time webinars followed by homework, readings, and discussions on your own time in an online setting. Check out the offerings at http://nebeginningfarmers.org/online-courses/.

Summer Teaching Case Studies in Science Workshop

The National Center for Case Study Teaching in Science at University of Buffalo will offer its annual summer workshop from **June 1-5**, **2015**. The workshop is limited to 35 people and the cost is \$900.00. The 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. Registration and info here.

Green Teacher's Free 2015 Webinars

Green Teacher offers one hour webinars on April Wednesdays at 7:30 p.m. EST. Topics range by date are April 1: Building Resilience through Eco-Crafts (Presenter: Shelene Codner); April 9: Invasive Species: Towards a Deeper Understanding (Presenters: Lisa Zinn and Jonathon Schramm); April 16: Popping the Bubble Wrap for Child Health (Presenter: Mariana Brussoni); April 23: Addressing Aquatic Invasives (Presenters: Melissa Doubek, Alice Holcomb, and Bob Thomson); April 28: Promising Practices for School Food Gardens (Presenter: Sunday Harrison). For info, http://greenteacher.com/webinars

Turning Learners into Leaders: Empowering Youth Through Service in Education

The 2015 Roots & Shoots Summer Online Course—Turning Learners Into Leaders: Empowering Youth Through Service in Education—is free and open to everyone. This course will teach participants how to identify and implement a local service-learning campaign. The course dates are **June 29–August 2, 2015.** Info at http://www.rootsandshoots.org/onlinecourse

Reclaiming Broken Places; an Introduction to Civic Ecology

Harvard EdX/CornellX is offering a free online course from April 10-May 22 exploring the people, places, and practices that link restoring nature with revitalizing neighborhoods. Civic ecology practices, such as community gardening, restoring streams, and removing invasive species to restore native habitat, are a means for communities to rebuild and express resilience in places impacted by war, natural disaster, poverty, crime, and environmental degradation. Participants in this interdisciplinary course learn about contemporary thinking in social-ecological systems and contribute to a local civic ecology practice through the course service learning project. Access the lectures of interest or complete the assignments and receive a certificate. Register and info.

Agriculture Literacy Academy Teacher Training in Western New York

Cornell Cooperative Extension of Niagara County, Broome County, New York Agriculture in the Classroom, and New York Farm Bureau are proud to collaborate and sponsor the new Agricultural Literacy Academy to be held in WNY. Kelkenberg Farm of Clarence is graciously hosting the Western NY training at their amazing farm-based education site. While primarily engaging in hands-on lessons, you will also be enjoying meals featuring local agricultural products and visiting a variety of farms that well-represent the diversity of agriculture in the state's most western corner. Training will be **April 30-May 1, 2015** (for teachers grades k-7) and is free to the first 10 Niagara County teachers to register. This includes all meals, materials, and the Food, Land & People curriculum. For more information, visit http://www.agclassroom.org/ny/programs/literacy academy.htm

Climate Change Education

Becoming effective climate change educators requires first and foremost facing the reality of climate change –it's here, it's big, and it's the most important issue we face. It then requires reflecting on what environmental education (EE) approaches are appropriate given the challenges climate change presents. Together, course participants will seek answers to the question of how we can adapt our educational approaches given the reality of climate change. Those who complete the course will receive a certificate of completion from Cornell University and EECapacity. The free course is offered April 1-May 27 and requires about 4 hours per week. Info https://example.com/here.

Teacher's Resources

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

Essential Lens: Analyzing Photographs Across the Curriculum is a multidisciplinary professional development resource for middle and high school teachers about photography's role in documenting history, change and hidden worlds. Climate change, environmental issues, microbiology, earth and space science, and history are among the subjects investigated through photography.

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

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

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

"Wild about Birds" -The first of three new topics for the 2014-15 school year, "Wild about Birds" is focused on the science of birds, including their characteristics and adaptations, habitat needs, migration, and life cycles.

<u>Brazil Habitats and Mask Making (5-7 years)</u>: Children can learn about the different habitats of Brazil and some of the animals that live there before making their own masks. There are six different species to choose from including the jaguar, capybara and dyeing poison frog.

Brazil and the Amazon - Wildlife Film Script Activity (7-11 years): Children will be introduced to the topics of Brazil and the Amazon before using fact sheets to research and write a script for their own wildlife film about an endangered species from the Amazon.

<u>Technology in Environmental Education Course</u>-This eight-week (self-paced) online course is designed to get you up and running with technologies you can use immediately in your organization and environmental programs. Choose the technologies you want to learn. You can focus on mobile and non-mobile tools to enhance your education programs, or focus on social media apps for marketing your programs. Or you can focus on both! The course is free, funded by EPA.

<u>New Enviro App: Habitat the Game</u>-The Wildlife Conservation Society and Rainforest Alliance have created this new app for kids to save virtual endangered species and reduce their carbon footprint while on real-life missions. Designed for seven to 12 year-old players, Habitat encourages care of virtual endangered animals while they earn points by completing real-life missions, like recycling or visiting a park or zoo.

<u>Free ArcGIS for K-12</u> -Esri is providing free ArcGIS Online subscriptions for instuctional use for all K-12 schools in the United States as part of the White House's ConnectED initiative. Resources to help schools get started with ArcGIS Online are available <u>here.</u>

<u>Teaching Climate Change Using the National Climate Assessment Report</u>- Corn producers in Iowa, oyster growers in Washington state, and maple syrup producers in Vermont are all observing climate-related changes that are outside of recent experience. Decisions we need to be making to do something about this in our own communities and states are highlighted <u>here</u>

<u>PlanetExplore</u>-Find outdoor activities and events in your area through this portal to the outdoors designed to inspire and enable people of all ages to become regularly active outside, and to develop the benefits gained through a connection to nature.

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

"Appetite for Adventure: Exploring Global Food Sustainability"-Green Living Project is proud to announce our new school assembly program. This standards aligned, multimedia presentation will showcase cutting-edge sustainable food projects from around the world, introducing students to the local and global connections between food production, consumption, and climate change.

Advancing Climate Change Environmental Education Resources- The Climate Change Environmental Education POLCA (Project-based Online Learning Community Alliance) has released materials produced by nine working groups. Formal and informal educators will find research findings, standards, and teaching suggestions appropriate for social studies, language arts, science, and interdisciplinary teaching/learning.

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

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

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

<u>Bird Sleuth</u> for K-12. Kits and resources for learning more about birds.

Contests and Awards

<u>7th Annual Green School Difference Awards</u> are given to outstanding superintendents, principles, teachers and for school-led projects. **Applications Due: April 5, 2015.**

<u>The Gloria Barron Prize for Young Heroes</u> invites nominations for its 2015 awards. The Barron Prize celebrates inspiring, public-spirited young people ages 8 to 18 who have made a significant positive difference to people and our environment. Fifteen winners receive a \$5,000 cash award to support their service work or higher education. Half of each year's winners are chosen for their work to protect the environment. **Deadline: April 15, 2015**

The <u>Brower Youth Awards</u> for environmental leadership is now accepting applications for its 2015 awards! Young people between the ages of 13 and 22 (as of July 1, 2015) based in North America are eligible to apply. The awards are given to six youth each year who show outstanding leadership in their involvement with high impact, replicable and relevant environmental projects. Now in its sixteenth year, Earth Island's annual BYA prize includes a \$3,000 cash prize, a professionally produced short film, and a week long leadership trip in the San Francisco Bay Area culminating in a public award ceremony. To learn more and apply, go <u>here</u>. **Deadline: May 18.**

Zayed Future Energy Prize- The world is in need of innovative solutions and technologies to create a sustainable energy future. Launched by the UAE Government in 2008, the Zayed Future Energy Prize recognizes individuals, organizations, and schools who have contributed significantly to the fields of renewable energy and sustainability. Over the past six years, the Zayed Future Energy Prize has recognized 30 innovators, awarded more than \$18 million, and positively affected millions of lives in communities across the world. Deadline: **June 22, 2015**.

Grant and Scholarship Opportunities

NYSERDA Environmental Research: Information Dissemination -The New York State Energy Research and Development Authority seeks proposals from knowledgeable and objective individuals or organizations interested in providing assistance to the Outreach and Science–Policy Communication component of the Environmental Research Program. One of the principal goals of the Environmental Research Program is to provide policymakers with scientifically credible and objective information on the environmental effects of energy production and use to aid in the development of cost-effective and equitable policies to protect public health and the environment in New York. **Deadline: April 6**.

The National Oceanic and Atmospheric Administration's (NOAA) Office of Education is seeking projects designed to strengthen the public's and/or K-12 students' environmental literacy to improve community resilience to extreme weather events and environmental changes. Proposed projects should be two to five years in duration and have total budget requests of \$250K to \$500K for all years of the project. **Deadline: April 13, 2015**

New York Great Lakes Protection Fund 2015 Call for Proposals Small Grants Program-This small grants program provides seed funding for new, cooperative projects that improve our understanding of, and/or management of, New York's Great Lakes basin. The program supports collaborative projects and grant awards can be used for preliminary research, project planning, as seed money for pilot projects that will lead to larger projects, or to support small-scale projects consistent with the objectives below. Maximum amount per grant is \$14000. Submissions should be sent as a single PDF attachment to GLRC@esf.edu. Deadline: April 21, 2015.

<u>Toyota Every Day Capacity Building Grants</u>- Up to \$5000 for 25 Public Lands Friends' groups in each cycle. Projects that are needed and will help contribute to the long term sustainability of the organization. Deadlines: **April 30 and October 30**.

Brimstone Award for Applied Storytelling-The \$5000 grant supports a model storytelling project that is service-oriented, based in a community or organization, and to some extent replicable in other places and situations. Projects considered for the award include community, organizational or institutional programs, curricular activities, short residencies, and projects combining complementary art forms. **Deadline: April 30, 2015.**

<u>American Honda Foundation</u> supports nonprofit organizations and educational institutions nationwide that address the areas of youth and scientific education. The Foundation's primary funding priority is youth education, specifically in the areas of science, technology, engineering, mathematics, the environment, job training, and literacy. Annual application deadlines: **February 1, May 1, August 1 and November 1.**

Good Neighbor Innovation School Grants-YSA and State Farm are looking for administrators who want to create a culture of meaningful learning through service in their school. We will select 20 K-12 public schools to be recognized as Good Neighbor Innovation Schools. Each selected school will receive a \$5,000 grant to support their efforts to authentically engage students during the 2015-2016 academic year by using YSA's school programs - including Semester of Service, Classrooms with a Cause, and Global Youth Service Day. **Deadline: May 8.**

<u>Amherst Garden Club Scholarship</u>-\$1500 for an Erie or Niagara County resident who is planning to study horticulture, environmental sciences, landscaping or related programs. Contact <u>inventiongirl1@roadrunner.com</u> for an application. Deadline: **May 15**.

RFP 3044 NY Prize Community Grid Competition-The New York State Energy Research and Development Authority (NYSERDA), in partnership with the Governor's Office of Storm Recovery (GOSR) announce the availability of up to \$40,000,000, under the three-stage NY Prize Community Grid Competition (NY Prize), to support the development of community microgrids. Deadline: **May 15.**

NEA Student Achievement Grants and Learning and Leadership Grants. Applications reviewed **February 1**, **June 1**, **October 15**. Public school K-12 or College/University teachers or support staff. \$2,000 for individuals or \$5,000 for groups to improve the academic achievement of students in U.S. public schools and public higher education institutions in any subject area or for professional development for educators.

<u>Basically Bats Wildlife Conservation Society Student Research Scholarships</u> for the 2015-2016 academic year. The scholarships, comprising up to \$5,000 each, will be awarded to qualified students during the Fall of 2015. The scholarships will be awarded for research directly related to white-nose syndrome (WNS) in North American bats. **Deadline: June 15th, 2015.**

<u>VolunTEEN Nation International Service Project Grants-</u> Students (ages 13-22) from the United States going abroad to volunteer or study in a developing country are encouraged to apply for an international service-learning mini-grant from VolunTEEN Nation. 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.**

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

<u>Karma for Cara Foundation Micro-grants</u> is encouraging kids 18 and under to apply for funds between \$250 and \$1,000 to complete service projects in their communities. Whether it is turning a vacant lot into a community garden, rebuilding a school playground or helping senior citizens get their homes ready for winter, they want to hear what project you're passionate about. **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, at places such as community gardens, public schools, city/state parks, low-income neighborhoods, Native American reservations, international hunger relief sites, and animal sanctuaries. **Deadline: Rolling**.

<u>Toshiba America Foundation</u>. 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.

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. At this time, educational projects are typically conducted with EREF being a primary stakeholder/partner and with the goal to develop a revenue model that, at least, covers expenses for the project. Grants are typically not provided to support the development of educational projects.

<u>KaBOOM! Let's Play Engineered Wood Fiber Surfacing Grants and Let's Play Maintenance Grants</u>-Thanks to generous support from Dr Pepper Snapple Group, KaBOOM! will be awarding 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. Through the generosity of the Charles and Lynn Schusterman Family Foundation, 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. Micro-grants will be accepted on a rolling basis, and grants will continue to be awarded as long as funding remains available.

<u>World We Want Foundation</u> 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 through a range of social action activities, including community service projects, service-learning projects, and social ventures. Application deadline: Rolling.

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

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

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 goals, strategies, and priority projects identified in the Niagara Falls National Heritage Area Management Plan. Download the plan online at http://www.nps.gov/nifa.

<u>Cisco Global Impact Cash Grants</u> 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 <u>Eligibility Quiz</u> to see if you can apply.

<u>Technical Assistance Grant Information</u>-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.

Employment and Internship Opportunities

<u>AmeriCorps Positions</u>-AmeriCorps VISTA members are passionate and committed to their mission to bring individuals and communities out of poverty. Members make a year-long, full-time commitment to serve on a specific project at a nonprofit organization or public agency. Some serve in the summer months through the <u>AmeriCorps VISTA Summer Associate program</u>. Members and Summer Associates receive a modest living allowance. Members who serve for a year also receive limited health benefit options, childcare, if needed, and other benefits. After successful completion of a term of service, members can choose to receive a <u>Segal AmeriCorps Education Award</u> or post-service stipend.

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

<u>Seasonal Employment with the Buffalo Olmsted Parks Conservancy</u>- available from early April through early to mid October, will perform maintenance and care for our historic Olmsted park system. Previous experience is preferred, but not required. This position is physically demanding and involves working in all types of weather. City of Buffalo residency required.

<u>Senior Planner, Orleans County</u>- Work is performed under the general supervision of the Director of Planning and Development, and requires a large degree of independent responsibility and a high level of professional performance in planning, assigning, reviewing, coordinating, facilitating and undertaking a variety of complex planning tasks. **Deadline: April 2**.

Citizen Science

<u>Wild Turkey Surveys</u>-Help the DEC gather information on our local turkey flocks. Record any sightings from January to March on the form at the link.

<u>Hemlock Woolly Adelgid Project</u>-Take closeup pictures of hemlock trees and fraser firs and send to scientists with GPS location data to monitor tree health and spread of the insect.

<u>Woodpecker Damage Surveys</u>-Calling all birders: Report woodpecker damage due to Emerald Ash Questions? Contact: <u>imapinvasives@nynhp.org</u> who will provide training to post to the NYS Invasive Species Database. Take photos of the damage, bark, and crown of any ash trees with woodpecker damage.

<u>Great Sunflower Project for Pollinators</u>- Help collect data on pollinators and/or create pollinator habitat. You can also download bee identification cards from their site **here**.

Get Involved in Environmental Change in WNY

The WNY Environmental Alliance (WNYEA) has working groups that welcome individuals who want to work on improving environmental issues in our area. Check out the 2014 agenda and see a list of working groups here.

Upcoming Community Activities:

Wednesday, April 1

Greater Buffalo Niagara Regional Transportation Council Meeting- 9:30 AM . Public Welcome. 716-856-2026. GBNRTC Office (large conference room), 438 Main St., Suite 503, Buffalo.

"Spring Bird Walk for Beginners"-1pm program for children and adults. Pre-registration required. \$10/person, \$8 per Penn Dixie member, Special Family discount \$25 for families of 4. Visit www.penndixie.org for information or call (716) 627-4560 for information and/or to register.

Somerset Wind Energy Project Open House-4 to 7pm at Barker Fire Hall, 1660 Quaker Rd. Barker.

Thursday, April 2

Wellness Walk at Tifft-10 am to noon. Drop by Tifft Nature Preserve and enjoy the fresh air and the sights and sounds of the season with a healthy outdoor walk! Offered Thursdays all year. \$2.00 per person donation appreciated. Please call 825-6397 to confirm walk will be taking place.

After-School Escape-4:30 PM at Reinstein Woods Nature Preserve, Depew. Enjoy a one-hour program for kids featuring a different, fun, outdoor activity each week. For kids in grades K through 5. No registration required.

"What's Beneath Your Feet"-1pm program for children and adults. Pre-registration required. \$10/person, \$8 per Penn Dixie member, Special Family discount \$25 for families of 4. Visit www.penndixie.org for information or call (716) 627-4560 for information and/or to register.

Ban the Bomb Trains: WNY Drilling Defense Meeting- 6 p.m.Crane Branch Library (Upstairs) - 633 Elmwood Ave, Buffalo. Every week trains loaded with volatile crude oil fracked in North Dakota's Bakken shale travel through Buffalo and Erie County. With very little public awareness and no study of environmental impacts, the gas & oil industry has made our region a dangerous hub for highly flammable oil using these bomb trains. This meeting is open to all! Help spread the word by RSVP-ing on Facebook & inviting friends! https://www.facebook.com/events/627029894095975/

"Gardening for Wildlife and You"-7pm program by Mary Jo Graham, Erie County Community College, an illustrated presentation in the auditorium of the Gateway Executive Office 3556 Lake Shore Rd., Blasdell, NY. \$5/person, Penn Dixie members FREE. No pre-registrations required.

Friday, April 3

"Searching Penn Dixie Skies"-1pm program for children and adults. Pre-registration required. \$10/person, \$8 per Penn Dixie member, Special Family discount \$25 for families of 4. Visit www.penndixie.org for information or call (716) 627-4560 for information and/or to register.

Spring Egg-stravaganza!- 10am-4pm for All Ages. Join us for an egg-stremely fun time at Tifft as we welcome spring with a celebration of animals that hatch from eggs. <u>Learn More / Register</u>

Frog Holler Walk-7-8:30pm, \$5 per person. Beaver Meadow Audubon Center - 1610 Welch Rd., North Java. Listen to the chorus of the spring peeper frogs as we stroll under the light of the rising full "pink" moon. <u>Pre-registration is required</u>. Please call 585-457-3228 to register.

Buffalo Geological Society Meeting- 7:30pm will feature Fred Haynes talking about the Minerals and Geology at the Selek Road Site. Held at Parkside Lutheran Church at Depew and Wallace Streets in Buffalo. Use side entrance.

Saturday, April 4

Painting in Pelion- Pelion Community Garden at City Honors School in Buffalo, New York 2:00pm. Volunteers needed.

Geo-caching Egg Hunt- 10:00 AM. Participants will learn how to use a Global Positioning System (GPS) unit and then use these handheld GPS units to find hidden eggs in the preserve. Fee \$2 per person; free for Friends of Reinstein Woods members. Registration required; call 716-683-5959. Reinstein Woods Nature Preserve, 93 Honorine Dr., Depew.

"Family Wilderness Preparedness!"-10am program for children and adults. Pre-registration required. \$10/person, \$8 per Penn Dixie member, Special Family discount \$25 for families of 4. Visit www.penndixie.org for information or call (716) 627-4560 for information and/or to register. April 4, 2015 – 1 PM, Penn Dixie Easter Egg Hunt for children. Children only get to find two eggs. \$10/ non-member children and \$8/Penn Dixie members, Adults \$9, and Penn Dixie Members free. Prizes for all children. Fossil collecting for all included.

Walk at Knox Farm State Park: "Knox Waterfall" – a Buffalo Audubon Event from 9-10am. Donations Knox Farm State Park – 437 Buffalo Rd., East Aurora. Please call 585-457-3228 for info. Take a vigorous hike to the little known waterfall flowing into Cazenovia Creek at Knox Farm. Meet in the main parking lot.

Iroquois Observations Birding by Car: A Buffalo Audubon Event-9am–12pm. Free. Iroquois National Wildlife Refuge – 1101 Casey Rd., Basom. An experienced birding team will take you to many of the best birding sites of the refuge complex and surrounding areas. Drive your own car or car-pool. Meet at the Cayuga Overlook. Best suited for older children and adults. Led by Jan Beglinger. Please call 585-457-3228 for info.

Birding at Deyowenoguhdoh Island- 10am–1pm. Donations. Deyowenoguhdoh Island Park, Niagara St. between Amherst and Tonawanda St., Buffalo. Join Buffalo Audubon Naturalist Tom Kerr for birding tour of Deyowenoguhdoh Island (Formerly known as Squaw Island). We'll look for Gulls and Waterfowl as they start to leave the Niagara River and head north to their nesting grounds. The Strawberry Island Bald Eagles might also make an appearance! Please call 585-457-3228 for info.

Great American Cleanup: The Foundry Street Blitz- 298 Northampton St. 9am-11am. Volunteers needed. Check out info on <u>Facebook</u>.

Zooper Saturday: Featuring the gorillas- Come meet the Buffalo Zoo's western lowland gorillas, and learn what makes each one of them unique! Activities will take place from 11:00 a.m. until 3:00 p.m. and include keeper talks and animal enrichment. Since recycling cell phones benefits gorillas in the Congo by decreasing the demand for coltan mining, each visitor who donates an old cell phone will receive a \$1 discount off regular Zoo admission per phone. For more information, please call the Events Coordinator at (716) 995-6133.

Boy Scout Astronomy Merit Badge Workshop-12-5pm , \$12 per scout. Beaver Meadow Audubon Center - 1610 Welch Rd., North Java. Fascinated by the heavenly bodies in the sky? We'll take you to the planets and the stars so you will feel more at home in our universe. The moon, the constellations and our solar system will give up their secrets. We'll help you become a better citizen of our magnificent galaxy. Pre-requisites, 4c, 5a, 5b, 6a, & 6b. <u>Pre-registration is required</u>. Please call 585-457-3228 to register.

Iroquois Observations Eagle Watch: A Buffalo Audubon Event-1-4pm. Free. Iroquois National Wildlife Refuge – 1101 Casey Rd., Basom. Spotting scopes are staffed by a team of experienced birders who will help visitors view an active Bald Eagle's nest and other migratory birds. Bring binoculars or share scopes at the Cayuga Overlook. Led by Bob Ensminger. Please call 585-457-3228 for info.

Observatory at Beaver Meadow-Dusk. Donations. Beaver Meadow Audubon Center - 1610 Welch Rd., North Java. The Buffalo Astronomical Assoc. will take visitors on a guided tour of the night sky. Open rain or shine. Visitors are invited to bring their own equipment.

"Full Pink Moon" Hike-Wilson Tuscarora State Park with Paths, Peaks and Paddles. Dress accordingly. Meet in the back parking lot in the state park at 6:00 PM SHARP! We want to head onto our adventure by 6:30 pm at the latest. Instructors and NYS Licensed Guides will accompany you on this hike. For further information or directions call 716-213-0350.

Sunday, April 5

Happy Easter!

Monday, April 6

Spring Into Nature Program "Become a Wetland Detective!" -10am for children and adults. Preregistration required. \$10/person, \$8 per Penn Dixie member, Special Family discount \$25 for families of 4. Visit www.penndixie.org for information or call (716) 627-4560 for information and/or to register.

Bomb Trains: Sierra Club Writers Group Session- 6:00 pm – 7:30 pm. UU Church, Elmwood Ave. at West Ferry, Buffalo, use side garden entrance, 2nd floor. April's topic will be the 'bomb trains' that are carrying explosive Bakken crude oil through Buffalo and Erie County, Rita Yelda (WNY Drilling Defense), Charley Bowman (WNY Peace Center Renewable Energy Task Force) and Jean Dickson (a neighbor of the oil train route in Buffalo) will be presenting on Bomb Trains - free and open to the public.

Little Tykes Mini Nature Camp- 9:30-11:30am for Ages 3-5. Nature games, crafts, outdoor investigation and more help to foster the nature explorer in your child. Healthy, kid-friendly snacks provided too! <u>Learn More / Register</u>

WNYEA Working Group Meeting- 9AM. We will meet at Ashker's Juice Bar located at 1002 Elmwood Avenue in Buffalo. Contact ggrstaff@gmail.com for info.

Tuesday, April 7

Trail Tuesdays-Every Tuesday from April through August from 6:30 to 7:30 PM. Turn your love for the outdoors into rewarding action. Assist with projects to help maintain and improve ecosystems and trails. Registration required; call 716-683-5959. Reinstein Woods Nature Preserve, 93 Honorine Dr., Depew.

No-Housework-Day Hike- 10:30 AM. It's spring break, so moms and dads deserve a day off—from housework at least! Bring the family for an early spring hike, and explore how animals keep house at Reinstein Woods. Registration required; call 716-683-5959. Reinstein Woods Nature Preserve, 93 Honorine Dr., Depew.

2015 C-SAAHN 'IMAGINE' Tuesday Noon-Hour Lecture Series-At Downtown Buffalo & Erie County Public Library. Free to all. 12:30 - 1:00 P.M. "IMAGINE Lifelong Learning and Buffalo Niagara as a Bi-National Cultural & Nature Center: The Arts + STEM = STEAM" Robert Gianette - Lewiston Olde Book Store (Poetry Month) "Looking at the World from a Poet's Perspective". Info on 12-12:30 presentation, visit http://buffaloah.com/h/center/lib/15lec.html

"Is resistance to biological invasion futile in the world's anthropogenic ecosystems?"- SUNY Buffalo State Biology Department seminar presented by Dr. Andrew MacDougall, Associate Professor, Department of Integrative Biology, University of Guelph, from 12:15 to 1:30 p.m. in Technology Building 160. All are welcome.

Spring Into Nature Program: "Who Pooped at Penn Dixie?"-10am. For children and adults. Preregistration required. \$10/person, \$8 per Penn Dixie member, Special Family discount \$25 for families of 4. Visit www.penndixie.org for information or call (716) 627-4560 for information and/or to register.

Live Niagara Falls Volunteer Fair- 4 to 7pm at the Niagara Falls Culinary Institute! The special guest for the evening will be Congressman Brian Higgins. This event will give local, volunteer-driven organizations an opportunity to promote their work and to meet and engage individuals whom are looking to get involved. The fair will be in a "matchmaking" format, allowing residents and organizations to come together and discuss the possibility of working together. http://levesqueinstitute.niagara.edu/programs/renuniagara/events/show/3 for more information.

Tree Trivia- will be held from 12:15 p.m. to 12:45 p.m.at Genesee County Cooperative Extension, 420 E. Main St., Batavia. Master Gardeners will organize an informational workshop focusing on a specific gardening topic. This program is free and open to the public. Registration isn't required. Bring your lunch. For more information, contact Brandie Schultz at (585) 343-3040, ext. 101.

Wednesday, April 8

CSI: Critter Sign Investigation - 10:30 AM. Become a nature detective and look for "clues" left by wildlife along the trails. For kids ages 6 to 10. Registration required; call 716-683-5959. Reinstein Woods Nature Preserve, 93 Honorine Dr., Depew.

Buffalo Ornithological Society Meeting- 7:00 PM in the Cummings Room the Buffalo Museum of Science. Professor Sara Morris will have her students present "Updates on Flight Calling Behavior Studies at Canisius College." There will be one talk and a couple of poster presentations. This will be followed by David Gordon who will give a brief report on the Buffalo Christmas Count.

WNY Stormwater Coalition Meeting- 2:00 PM at the Julia Boyer Reinstein Library located at <u>1030</u> <u>Losson Road, Cheektowaga, NY 14227</u>. Every meeting is open to the public.

"Bring on the Butterflies"-Genesee County Master Gardeners program at the Cooperative Extension office, 420 E. Main St., Batavia will help participants learn about the characteristics and life cycles of butterflies likely to be found in the area. The presenters will share insights into the amazing ability of these insects to detect suitable food sources and to protect themselves from their enemies. The registration deadline is April 3. Participants will enjoy a variety of gardening topics taught by Master Gardeners along with coffee, tea and desserts. The Coffee and Dessert events are held from 6 to 8 p.m. The cost is \$10 per person per class. Pre-registration is required because class size is limited. To register, contact Brandie Schultz at 585-343-3040, ext. 101 or stop by the office at 420 East Main St., Batavia.

Erie County Farmland Protection Roundtable-6 to 9 PM at the Cornell Cooperative Extension of Erie County (21 South Grove St., East Aurora, NY). The event will be hosted by the Western New York Land Conservancy, Cornell Cooperative Extension of Erie County, Erie County Environment & Planning, and Erie County Agricultural & Farmland Protection Board. This event is free and open to the public. By attending, you will have an opportunity to meet and hear from regional and statewide leaders as we explore tools for supporting our region's farms. Space is limited! You can register online here

Volunteer Training: How to Participate in an Audubon Day-9:30am-12pm. Beaver Meadow Audubon Center - 1610 Welch Rd., North Java. We'll demonstrate three of our most popular programs taught at an Audubon Day. You'll receive printouts for each program and learn how to teach them with an emphasis on hands-on activities and how learning can be fun. The next step will be to shadow others at your convenience to see how you can personalize your contribution. Please let us know if you plan to come by calling 585-457-3228.

Spring Into Nature Program "Spring Bird Walk for Beginners"-10am. For children and adults. Preregistration required. \$10/person, \$8 per Penn Dixie member, Special Family discount \$25 for families of 4. Visit www.penndixie.org for information or call (716) 627-4560 for information and/or to register.

Thursday, April 9

Wellness Walk at Tifft-10 am to noon. Drop by Tifft Nature Preserve and enjoy the fresh air and the sights and sounds of the season with a healthy outdoor walk! Offered Thursdays all year. \$2.00 per person donation appreciated. Please call 825-6397 to confirm walk will be taking place.

After-School Escape-4:30 PM at Reinstein Woods Nature Preserve, Depew. Enjoy a one-hour program for kids featuring a different, fun, outdoor activity each week. For kids in grades K through 5. No registration required.

Boating Safety Course-6:45-9pm at Daemen College, 4380 Main St. 5 2-hr sessions. To register, call 675-6288, kenanney@verizon.net Buffalo Power Squadron Education Officer.

Amherst Against Fracking Meeting- 6 p.m. at Williamsville Public Library, 5571 Main St, Williamsville, NY. RSVP on Facebook & invite friends: https://www.facebook.com/events/1578094969093358/

Spring Into Nature Program "What's Beneath Your Feet?"-10am. For children and adults. Preregistration required. \$10/person, \$8 per Penn Dixie member, Special Family discount \$25 for families of 4. Visit www.penndixie.org for information or call (716) 627-4560 for information and/or to register.

Friday, April 10

Owl Prowl- 7:30 PM. Learn about our local owls, and listen for their calls on a walk in the woods. For adults and kids ages 8 and older. Fee \$4 per person; \$2 per person for Friends of Reinstein Woods members. Registration required; call 716-683-5959. Reinstein Woods Nature Preserve, Depew.

Bee and Beekeeping-South Town Gardeners will meet at 9:30 a.m. at the Burchfield Nature, 2001 Union Rd.. West Seneca. Mike Masterson of Mastersons Garden Center will present. Visitors welcome. You don't have to be an expert gardener; you can learn with the group. For more info, call 668-0209.

Springtime Family Stroll- 10:30am-12pm for Ages 5+ at Tifft Nature Preserve. Are the kids getting squirrely? Come stretch your legs and exercise your senses on a guided trail in search of animals that fly, crawl, scurry, and climb! <u>Learn More / Register</u>.

Spring Into Nature Program "Searching Penn Dixie Skies"-10am. For children and adults. Preregistration required. \$10/person, \$8 per Penn Dixie member, Special Family discount \$25 for families of 4. Visit www.penndixie.org for information or call (716) 627-4560 for information and/or to register.

Saturday, April 11

Horticulture IV Class: Creative Containers & Raised Beds - The Buffalo and Erie County Botanical Gardens, 11am-1pm with David Clark. Register and prepay here. \$27 for each class/if space is available.

Project Learning Tree Early Childhood Experiences- 9:30 AM to 12:30 PM. This workshop helps educators engage young kids (age 3-6) in outdoor exploration. Attendees receive a curriculum guide and music CD that infuse nature into art, reading, math, music and movement. Registration required; call 716-683-5959. Reinstein Woods Nature Preserve, 93 Honorine Dr., Depew.

Gardening for Health- 2:00 PM. Lavender calms the nerves, and rose petals brighten and cleanse your skin. Discover how to use your garden to its full potential. For adults only. Registration required; call 716-683-5959. Reinstein Woods Nature Preserve, 93 Honorine Dr., Depew.

Eco-Fest Earth Day Event -10am to 2pm at Genesee Community College, Batavia, NY.

"Family Wilderness Preparedness!" -10am. For children and adults. Pre-registration required. \$10/person, \$8 per Penn Dixie member, Special Family discount \$25 for families of 4. Visit www.penndixie.org for information or call (716) 627-4560 for information and/or to register.

2nd Saturdays at the Foundry-12pm to 5pm at 298 Northampton St., Buffalo 14208. Come buy presents or shop for yourself, enjoy good food and live music, support LOCAL artists and artisans! Once every month (Second Saturday) at The Foundry. Food & Refreshments Art & Craft made by local artists and artisans Live Music. For info, email info@thefoundrybuffalo.org.

Pruning Class at Lockwood's Greenhouses- 1 p.m. at <u>Lockwood's Greenhouses</u>, 4484 Clark St., Hamburg. The class will be taught by Sally Cunningham, CNLP, who is Lockwood's education director and consultant. Cost will be \$10 per person. Register by calling 649-4684.

Learn How to Plant a Tree-Join us and learn the proper technique to plant a bare root tree in advance of planting day. Tools provided. 10am at University Heights Tool Library, 5 W. Northrup Place, Buffalo.

UN Nuclear Proliferation Treaty Walk-8am Niagara Square, Buffalo.

Peregrine Falcons of Buffalo-10am-2pm. Donations. Buffalo Central Terminal, 495 Paderewski Dr., Buffalo. Join Buffalo Audubon Naturalist Tom Kerr as we look for Peregrine Falcons in the City of Buffalo. There are four active nests within the city limits, and we will visit them all! Binoculars and scopes are provided. Participants must provide their own transportation. <u>Pre-registration is required</u>. Please call 585-457-3228 to register.

Communities in Bloom- 9am to 2:30pm. Gardening seminar with the Cornell Cooperative Extension of Erie County Master Gardener Program. Unitarian Universalist Church, 695 Elmwood Ave., Buffalo. **Registration deadline is April 7**. Cost is \$20. Active Master Gardener Program volunteers are eligible for a registration discount. To register, call 652-5400, ext. 177 or register online.

Know Your Farmer- 2 to 6pm at Ashker's newest location, 1526 Main St., Buffalo. food, music and community outreach held by <u>Farm2Curb</u>. Whether you're currently a CSA shareholder or interested in learning the advantages of becoming one, this will be a great opportunity to show your love for bona fide farmers who are serving the WNY region by growing clean, whole and nutrient-dense foods. There is no charge to attend; however, donations will be accepted to cover event costs.

Birding on the Niagara- 10:00am - 12:30pm at Beaver Island State Park. Earth Spirit Educational Services will be starting off this season's public program offerings by leading a gentle hike along the beaches and bays of the Niagara River, focusing on the spring bird migration. **Fee:** \$7.00 members / \$10.00 non-members. For registration contact Kerri at programming@earthspiritedu.org or at 716.941.6267.

Iroquois Observations Eagle Watch: A Buffalo Audubon Event-1-4pm. Free. Iroquois National Wildlife Refuge – 1101 Casey Rd., Basom. Spotting scopes are staffed by a team of experienced birders who will help visitors view an active Bald Eagle's nest and other migratory birds. Bring binoculars or share scopes at the Cayuga Overlook. Led by Bob Ensminger.

Summer Discovery Camp Open House-10:30am-12:30pm for ages 4+. Stop by to learn more about our exciting Summer camp offerings in July and August for ages 4-11. <u>Learn More / Register</u>

Iroquois Observations Outdoor Photography Part 1; Scenery/Habitat: A Buffalo Audubon Event-1-3pm. Free. Iroquois National Wildlife Refuge – 1101 Casey Rd., Basom. Bring your own cameras, and any other associated equipment such as tripods. This opportunity will discuss the basics of capturing good scenery photos. Group will also take a photo-hike along the KANYOO TRAIL. Use your own vehicles to get there. Dress weather appropriately for hiking.. Meet at the visitor center. Led by Bob Hazen.

Iroquois Observations Native American Walk: A Buffalo Audubon Event-2-3:30pm. Free. Iroquois National Wildlife Refuge – 1101 Casey Rd., Basom. View nature through Native American folklore. Meet at the visitor center. Led by Marvin Jacobs.

Iroquois Observations Woodcock Walk: A Buffalo Audubon Event- 7:30-9pm. Free. Iroquois National Wildlife Refuge – 1101 Casey Rd., Basom. See if we can locate this hard to find bird as the males show off by performing dazzling aerial displays. Meet at Swallow Hollow. Led by Tom Poczciwinski.

Design Competition Visioning Session & Mentor Engagement Event- d!g Buffalo (640 Ellicott Street, Buffalo) from 1 to 3pm. Attendees, whether with a specific project in mind, or just interested in learning more about the competition, will visit seven stations, then choose up to three stations to revisit and further develop their ideas. Each station will be representative of one of the six competition categories and will be facilitated by up to three Mentors with expertise in the category represented. Pre-Register for this event please fill out the <u>Registration Form.</u>

Stewardship Saturdays - 10am-12pm at Ages 12+. Become a steward of Tifft by volunteering to help with outdoor projects around the Preserve, including invasive species control, habitat restoration, trail work and more. This event is FREE, but pre-registration is required. <u>Learn More / Register</u>

Saving the Fastest Animal on the Planet- 11am to 12:30pm at the Portville Free Library. Join wildlife biologist, Connie Adams as she takes us on a learning journey about the Peregrine Falcon and Common Tern. Discover the astounding efforts underway to save these two very special bird species in Western New York. Free and open to public. Registration closes **Thursday, April 9, 2015, 4pm**. Contact (716) 933-0183, naturalist@pfeiffernaturecenter.org or register online.

Sunday, April 12

Go Bike Classes: Bearing Overhauls-Bearings help keep bikes rolling. If they are out of adjustment you bike could be in for some serious issues. Learn how to assess, adjust, and overhaul the various bearing systems in a bike. Classes at our Community Workshop (98 Colvin Ave.)! All classes are limited to 10 people and are a suggested donation of \$10; they will all be held from 6-8pm. You MUST RSVP to save your spot. Please email Stacy, stacy@gobikebuffalo.org or call (716) 320-0193.

"Migratory Birds at Amherst State Park"- free Walk and Talk at 2 p.m Amherst State Park, 390 Mill St. near Sheridan Drive, Williamsville. Participants should meet at the kiosk parking lot in front of St. Mary of the Angels apartment building. Jerry Thurn, a field guide for Audubon Center and an aerospace engineer, will discuss birding and citizen science. The program will take place rain or shine. Wear clothing appropriate for the weather. For more information, call 688-6566 or email amherstarboretum@roadrunner.com.

April Bird Count -All Buffalo Ornithological Society members and guests are invited to participate in the Seventy-ninth Annual April Bird Count. Contact Compiler: Joe Fell at 716-239-1508 or joetf1973@aol.com.

Trek Tifft-2-4 PM at Tifft Nature Preserve, 1200 Fuhrmann Blvd. Buffalo, NY 14203. Drop in on Sunday afternoon and join us for a guided tour of the preserve. Please call 825-6397 to confirm walk will be taking place. \$2 donation suggested. Treks are April-Nov.

Great American Cleanup: Grant/Ferry Street Community Clean-up – 300 Auburn Ave. at 1pm. Volunteers needed. Check out info on <u>Facebook</u>

Monday, April 13

Erie Canal Harbor Development Corp. Public Meeting-10:30am, Board Room of ESD"s Buffalo Regional Office, 95 Perry St., Buffalo, NY 14203 http://www.eriecanalharbor.com

Sierra Club Energy Committee Meeting- 6:00 pm at the UU Church 695 Elmwood Ave. 2nd floor, Use side garden entrance. All are welcome to join us as we work for renewable energy solutions to climate change.

Tuesday, April 14

Trail Tuesdays-Every Tuesday from April- August from 6:30 to 7:30 PM. Turn your love for the outdoors into rewarding action. Assist with projects to help maintain and improve ecosystems and trails throughout Reinstein Woods. Registration required; call 716-683-5959. Reinstein Woods Nature Preserve, Depew.

"Rare, Fragile, Hardy: the Adirondack Alpine Zone"- Adirondack Mountain Club meeting with presentation by Julia Goren, director of the Summit Steward program, and ADK's new director of education at 7:30pm at 77 Washington Highway, Snyder Amherst Community Church. NOTE: Please park in rear and enter through back door.

'Gardening for Dummies'- Ken Brown, former WBEN host and gardening expert, will present at 10 a.m. at Kenmore United Methodist Church, 32 Landers Rd., Kenmore, N.Y. 14217. Brown will discuss things gardener should know, but don't. He is the owner of Field of Dreams Christmas Tree Farm in South Wales and a former Cornell Cooperative Extension agent in Erie County. The talk and meeting, presented by the Kenmore Garden Club, is free and open to the public. For info, visit the Kenmore Garden Club website.

PUSH Community Building Committee meeting – 6PM at Grant St Neighborhood Center, 271 Grant St, Buffalo NY.

2015 C-SAAHN 'IMAGINE' Tuesday Noon-Hour Lecture Series-At Downtown Buffalo & Erie County Public Library. Free to all. 12:30 - 1:00 P.M. "IMAGINE Lifelong Learning and Buffalo Niagara as a Bi-National Cultural & Nature Center: The Arts + STEM = STEAM", Barbara Park Leggett, Ex Dir & Nancy Montone, Dir Development, Explore & More Children's Museum Info on 12-12:30 presentation, visit http://buffaloah.com/h/center/lib/15lec.html

Wednesday, April 15

"Plant a Cutting Garden"-Genesee County Master Gardeners program at the Cooperative Extension office, 420 E. Main St., Batavia will help participants learn that cut flowers are not difficult to grow.. Registration deadline is April 10. Participants will enjoy a variety of gardening topics taught by Master Gardeners along with coffee, tea and desserts. The Coffee and Dessert events are held from 6 to 8 p.m. The cost is \$10 per person per class. Pre-registration is required because class size is limited. To register, contact Brandie Schultz at 585-343-3040, ext. 101 or stop by the office at 420 East Main St., Batavia.

Pruning, Spraying and Fertilizing- The <u>WNY Rose Society</u> will meet at 7 p.m. at St. Stephens-Bethlehem United Church of Christ, 750 Wehrle Drive, Williamsville. Jim Styn will present the program. Meetings are open to the public.

Buffalo's Outer Harbor- 7pm. Dan Telvock, Investigative Post's environmental reporter, discusses his coverage of Buffalo's Outer Harbor. The multimedia presentation will be followed by a panel discussion on how to develop the city's waterfront. The event will conclude with a Q&A session with the audience. Admission includes an Investigative Post membership. Theodore Roosevelt Inaugural Site, 641 Delaware Ave., Buffalo. Admission: \$10. For tickets visit: http://www.investigativepost.org/events/

Citizen Science Workshop-6:30 PM to 7:30 PM at Griffith Institute High School, 290 North Buffalo Street, Springville, NY (map). This fun and informative class will teach you how to be a citizen scientist. We will cover the Frogwatch, Nestwatch and FireflyWatch programs. Instructor Paul Fehringer will show you the exciting world of monitoring the local frog, bird and firefly species.. Now you can take part in these fun programs with a little training. A donation is appreciated.

Clean Air Coalition Party- 6pm – 8pm at 52 Linwood Ave, Buffalo, NY 14209. Join us to celebrate the work of our membership on our DuPont and Participatory Budgeting campaigns. Bring a dish to pass. RSVP to Rebecca@cacwny.org

Thursday, April 16

Wellness Walk at Tifft-10 am to noon. Drop by Tifft Nature Preserve and enjoy the fresh air and the sights and sounds of the season with a healthy outdoor walk! Offered Thursdays all year. \$2.00 per person donation appreciated. Please call 825-6397 to confirm walk will be taking place.

After-School Escape-4:30 PM at Reinstein Woods Nature Preserve, Depew. Enjoy a one-hour program for kids featuring a different, fun, outdoor activity each week. For kids in grades K-5. No registration required.

*i*MapInvasives Spring Training-9:30am-4pm at Beaver Meadow Audubon Center - 1610 Welch Rd., North Java. iMapInvasives is an online mapping tool that supports efforts to protect New York State from invasive species. All interested groups, from land managers to the general public, are welcome and encouraged to attend. During this session we will cover an introduction to iMapInvasives, basic data entry, invasive species ecology and identification, and advanced data entry and analysis. Join us for all or just part of the day! To register, visit www.nyimapinvasives.org

"Australia and New Zealand: Great places to see "Down Under" geology and more"- 7pm talk by Dr. Rick Batt, Buffalo State College in the auditorium of the Gateway Executive Office building, 3556 Lake Shore Road, Blasdell, New York 14219. Public is welcome, \$5/person, Penn Dixie members are FREE. Call (716) 627-4560 for additional information and directions.

Green Development Zone Tour– 8AM to 9AM. Walking tour of the PUSH green initiatives on Buffalo's West Side. To RSVP, contact PUSH Development Director Rahwa Ghrimatzion at rahwa@pushbuffalo.org.

GMO OMG- presented by NYPIRG. 6pm at Buffalo State College, Bulger Communication Ctr, 1st Floor, East Rm. Co-sponsored by Lexington Co-operative Market, Plato Dale Farm, Food & Water Watch.

Friday, April 17

Air Sealing @ **The Foundry-**2pm. Learn air sealing techniques that you can apply in your own home. Thanks to a spray foam donation from <u>Buffalo Energy</u>, we can seal the gaps in our building so we stay warm in the future! Bring long sleeves and pants. If it's warm, we may do a quick spring clean-up in our parking lot. RSVP to <u>info@thefoundrybuffalo.org</u>

Saturday, April 18

Horticulture III Class: Small Space and Urban Gardening - The Buffalo and Erie County Botanical Gardens, 11am-1pm with David Clark. Register and prepay here. Series cost \$120, \$27 for each class/if space is available.

Gardening by the Moon- 10:30 AM. Did you ever wonder what you can plant in your garden during the new moon or a full moon? Here's your chance to find out! We'll go through the moon's cycle and learn when and what to plant in your garden. For adults only. Registration required; call 716-683-5959. Reinstein Woods Nature Preserve, 93 Honorine Dr., Depew.

Communities in Bloom- 9am to 2:30pm. Gardening seminar with the Cornell Cooperative Extension of Erie County Master Gardener Program. Topics include pruning; annuals and perennials; seed starting and vegetables; soils, compost and mulch, and disease and pest prevention. Cornell Cooperative Extension Office Building, 21 So. Grove St., East Aurora. **The registration deadline is April 14**. The registration fee is \$20. Active Master Gardener Program volunteers are eligible for a registration discount. To register, call 652-5400, ext. 177 or register online.

Tree Planting with ReTree-9am. Help replace dead or missing trees in the neighborhood. While we're out there, why not pick up all the trash left from winter? Stop by The Foundry after for hot coffee and The Peddler Market! Wear warm work clothes and work shoes/boots. RSVP to info@thefoundrybuffalo.org

Birding 101: Class #4- 2:30 PM. Learn how to identify the different woodpeckers found in Reinstein Woods. For adults and kids ages 8 and older. Registration required; call 716-683-5959. Reinstein Woods Nature Preserve, 93 Honorine Dr., Depew.

Earth Day at Penn Dixie- 9am. Volunteers welcome & have free admission to collect fossils.

Nature Maker Series: Earth Day Crafts - 2-4pm for Ages 5+ at Tifft Nature Preserve. Create ecofriendly crafts and more to explore nature and the maker movement. <u>Learn More / Register</u>

Jr. Audubon Club – Hamburg Hawk Watch-10am-12pm for Kids ages 8 to 16. Donations. Lakeside Cemetery - located on Camp Road, 1/2 mile north of Southwestern Blvd. Join Buffalo Audubon Society Naturalist Tom Kerr for our monthly birding adventure! This month we will be meeting at Lakeside Cemetery in Hamburg. We will be looking for Hawks, Vultures, Eagles, and other Raptors as they make their way north to their nesting grounds. A short intro to binoculars will be conducted for newcomers. Binoculars are provided. Pre-registration is required. Please call 585-457-3228 to register.

Iroquois Observations Birding by Car: A Buffalo Audubon Event- 9am–12pm. Free. Iroquois National Wildlife Refuge – 1101 Casey Rd., Basom. An experienced birding team will take you to many of the best birding sites of the refuge complex and surrounding areas. Drive your own car or car-pool. Meet at the Cayuga Overlook. Best suited for older children and adults. Led by Jan Beglinger.

Iroquois Observations Eagle Watch: A Buffalo Audubon Event-1-4pm. Free. Iroquois National Wildlife Refuge – 1101 Casey Rd., Basom. Spotting scopes are staffed by a team of experienced birders who will help visitors view an active Bald Eagle's nest and other migratory birds. Bring binoculars or share scopes at the Cayuga Overlook. Led by Bob Ensminger.

Iroquois Observations Owl Prowl: A Buffalo Audubon Event- 7-9pm. Best suited for older children and adults. Free. Iroquois National Wildlife Refuge – 1101 Casey Rd., Basom. Prepare for an off-road walk and travel by car between sites. Meet at the visitor center. Space is limited and <u>pre-registration is required</u>. Please call 585-948-5445 ext; 7036 to register. Led by Chuck Rosenburg.

Wild 50s Party: Zoo Fundraiser- The Women's Board of the Buffalo Zoo invites you to a Wild 50s Party at The Foundry Hotel. Put on your Letterman sweater, saddle shoes and bobby socks. Please join us chicks and daddios for a rocking good time. Enjoy light refreshments, Jitterbug lessons, and more. **CLICK HERE** for tickets or Call (716) 995-6131 for more information.

The Scajaquada Initiative: Public Access to a Healthy Urban Waterway- 12:00-4:00PM at Polish Cadets of Buffalo, 927 Grant Street, Buffalo, NY 14207 (click here for a map and directions). Event includes a 1.65 mile round trip walk on level pavement with stops along the way. Please dress appropriately for the weather. RSVP is required at http://bnriverkeeper.org/forums/

Small, Sustainable Poultry Farmer Workshop- 9:00am - 5:00pm at <u>Wild Geese Farm</u> in Franklinville, NY. During this workshop, you'll learn how to identify breeds, how to select and breed them legally and safely, how to create an environment for maximum, natural production, and finally, how to strategically market your poultry for a small farm profit. Pre-registration required. Register <u>here</u>. For more information contact Lynn Bliven at 585-268-7644 ext. 18 or email at <u>lao3@cornell.edu</u>.

Garlic Mustard Challenge Kickoff -Buffalo Audubon and Reinstein Woods will hold kickoff events at 11 a.m. Participants can learn how to identify and remove the plant, as well as how the competition will work. To register or for info, contact one of the organizations: Beaver Meadow Audubon Center, North Java: (585) 457-3228; WNY Land Conservancy's Kenneglenn Nature Preserve, Wales (716) 687-1225; Reinstein Woods Nature Preserve, Depew (716) 683-5959.

Boom Days at Silo City- All day events to celebrate the removal of the ice boom. Check the schedule at http://www.boomdays2015.com/.

Boom Days -6:00 p.m. – 10:00 p.m. at **LaSalle Yacht Club.** Celebrate spring and the removal of the ice boom. Visit our state parks display at this event. For information call LaSalle Pride (716) 425-4005 or email: jgraves@aol.com.

Sunday, April 19

Go Bike Classes: Drivetrain- Join us for hands on learning and discussion of different crank types, chain sizes, cassettes, freewheels, derailleurs and shifting in a bike. Classes at our Community Workshop (98 Colvin Ave.)! All classes are limited to 10 people and are a suggested donation of \$10; they will all be held from 6-8pm. You MUST RSVP to save your spot. Please email Stacy, stacy@gobikebuffalo.org or call (716) 320-0193.

Taste of the Southtowns- 11:30-5 P.M. INSIDE St. Aloysius Hall, 190 Franklin St., Springville. 8 Restaurants will be serving 50 food items including: Beef on Weck, Pork Tenderloin, Tacos, Steak Tips, Ribs, Perogi, Soups, Peanut Butter Pie, Apple Pie, Brownies & more. Food Items from \$1.00 to \$4.00. 50 Basket Chinese Auction, Silent Auction, 2 Live bands: "The Rustic Ramblers" and "Wagner & Winston". Free Admission with 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 65 different species. For info call 716-942-6835, rosebird@frontiernet.net, www.gooseneckhillwaterfowlfarm.com

Fly Fishing Clinic- 8am to late-afternoon at Cattaraugus Creek. Earth Spirit guides Sandy Geffner and Joe Allen will share the art of fly-fishing and other fishing methods on one of WNY's finest trout streams. Participants should bring their own fishing gear. Waders are encouraged for working various sections of the creek, but are not required. Fee: \$10 members/\$15 non-members. For registration or more information please contact Kerri at programming@earthspiritedu.org or at 716.941.6267.

Trek Tifft-2-4 PM at Tifft Nature Preserve, 1200 Fuhrmann Blvd. Buffalo, NY 14203. Drop in on Sunday afternoon and join us for a guided tour of the preserve. Please call 825-6397 to confirm walk will be taking place. \$2 donation suggested. Treks are April-Nov.

Monday, April 20

Rusted Grain Workshop-5:30-8pm at The Foundry, Contact megan, mcnally@gmail.com

Tuesday, April 21

Trail Tuesdays-Every Tuesday from April through August from 6:30 to 7:30 PM. Turn your love for the outdoors into rewarding action. Assist with projects to help maintain and improve ecosystems and trails throughout Reinstein Woods. There is something for almost every age and ability to help with! Refreshments provided. Registration required; call 716-683-5959. Reinstein Woods Nature Preserve, 93 Honorine Dr., Depew.

Reservations due for Clean Air Annual Dinner -Event is May 7 at Hotel Lafayette. RSVP deadline is 4/21. Get your tickets online here.

Chestnut Ridge Conservancy Chestnut Ridge Park Casino Mural Restoration Project-The five iconic murals painted in 1948 by local artist Bernard C. Feldman have been cleaned and restored to their original beauty by Eileen Sullivan of Aurora Art Conservation, with the help of generous donations from numerous companies, foundations, and individuals. Bring your family and friends for a great evening at the park and join us in celebrating this momentous occasion. We look forward to seeing you at the Casino from 6:30pm-8:30pm with free refreshments!

2015 C-SAAHN 'IMAGINE' Tuesday Noon-Hour Lecture Series-At Downtown Buffalo & Erie County Public Library. Free to all. 12:30 - 1:00 P.M. "IMAGINE Lifelong Learning and Buffalo Niagara as a Bi-National Cultural & Nature Center: The Arts + STEM = STEAM" by Bren Price, Coordinator & TTEE The Assoc. for a Buffalo Presidential Center Info on 12-12:30 presentation, visit http://buffaloah.com/h/center/lib/15lec.html.

Wednesday, April 22

Earth Day - Rose Acres Volunteer Roadside Clean-up- 9:30-11:30am at Rose Acres Audubon Preserve – 5184 Java Lake Rd., Java Center. Join us in celebrating Earth Day with a clean-up of the area surrounding Rose Acres Audubon Nature Preserve. Bring your own gloves or borrow a pair from us. Bags will be provided. Join us for a brown bag lunch afterwards! Meet at Beaver Meadow and we will carpool.

Amherst Garden Club Tour of Lockwood's Greenhouses-Members of the Amherst Garden Club will tour Lockwood's with Sally Cunningham at 10 a.m. Lunch will follow at J.P. Fitzgerald's, 4236 Clark St., Hamburg, NY. Members will meet at 9:30 a.m. to car pool from St. John Lutheran Church, 6540 Main St., Williamsville. Guests and prospective members are welcome.

"Cultural Partners in an Olmsted Landscape"- Frederick Law Olmsted Spring Lecture Series presentation by Douglas Blonsky, President & CEO, Central Park Conservancy from 4-6pm at the Albright-Knox Art Gallery. Currently, Central Park hosts more than 40 million visits annually. Come and discover how the Museum of Modern Art, the Central Park Zoo, Tavern on the Green and other partners work with the Central Park Conservancy to increase the economic impact and enhance the value of being in a historic Olmsted landscape. Tickets:\$15: BOPC Member, \$30: Non BOPC Member, \$50: New or Renewed BOPC Member, * Includes Lecture, Gallery Admission and Parking. RSVP: Order tickets online by visiting https://doi.org/10.1007/journal.org/10.1007/journal.org or call 838-1249 ext. 10. Tickets will also be sold at the door. Please note that tickets will not be mailed; simply check in at the registration desk.

"The need for food system considerations in climate action planning"- Subhashni Raj, MUP, Kaufman Fellow will speak from noon-1 p.m. at UB South, 1085 Kimball Tower. Subhashni Raj is a Kauffman Fellow pursuing her doctoral studies in urban and regional planning at the University at Buffalo. Her research looks at the intersection between climate change and food systems, and more specifically at the impacts of climate change on food systems. She is also interested in food sovereignty and issues of justice and ethics in the food system.

Williamsville North Planetarium Show and Astronomy Night with Penn Dixie- 6pm. Telescopes at the Williamsville North Space Planetarium, 1595 Hopkins Rd. Public welcome. No preregistrations required. FREE program. Children, families, scouts and students welcome. Call (716) 627- 4560 for information.

The Lake Eric Commons: The Outer Harbor and the Public Trust Doctrine- Presentation by Jim Olsen, President of FLOW, with panel respondents. FLOW is an organization seeking protection of the Great Lakes through Public Trust. Sponsored by the WNY Environmental Alliance. 5:30 Green Drinks and 7:00 Lecture at Tifft Nature Preserve, Fuhrman Blvd, Buffalo, NY. Register for the event here.

Thursday, April 23

Wellness Walk at Tifft-10 am to noon. Drop by Tifft Nature Preserve and enjoy the fresh air and the sights and sounds of the season with a healthy outdoor walk! Offered Thursdays all year. \$2.00 per person donation appreciated. Please call 825-6397 to confirm walk will be taking place.

After-School Escape-4:30 PM at Reinstein Woods Nature Preserve, Depew. Enjoy a one-hour program for kids featuring a different, fun, outdoor activity each week. For kids in grades K through 5. No registration required.

Friday, April 24

Crepuscular Walk: Call of the Peeper- 7:00 PM. Join us for an evening hike as we set out to find the elusive spring peeper and other wetland residents. Registration required; call 716-683-5959. Reinstein Woods Nature Preserve, 93 Honorine Dr., Depew.

Make-it, Take-it Workshop-6-8:30pm at Buffalo & Erie County Botanical Gardens. Garden Members \$45, Non-Members \$50. Celebrate Arbor Day with this hands-on workshop by fashioning a live juniper bonsai tree while learning about the art of bonsai, techniques and styles. Materials are provided, but you may wish to bring hand clippers and wear gardening gloves. Bring a box to transport your tree home! http://www.buffalogardens.com/collections/adults/products/beginning-bonsai-workshop-1

The 9th Annual Enviro-Fair -10am to 3pm at Walden Galleria (near Forever 21 mall entrance). Free and open to the public.

Measure What Matters Workshop- 1:00 pm - 2:00 pm at Butler Library 318, SUNY Buffalo State, 1300 Elmwood Ave, Buffalo, NY 14222. The SBDC at SUNY Buffalo State and Buffalo First are proud to introduce the BALLE Quick Impact Assessment, a free online tool to help you improve your social and environmental impact, and begin to "measure what matters." Assess how your company performs against best practices on employee, community, and environmental impact. See how your company stacks up against thousands of other businesses. Create a plan to improve your company's practices, and help your staff implement them easily with Best Practice Guides. Parking: Request a free parking permit when you register. Free and open to the public. To register, contact Andrew Delmonte, Social Enterprise Coordinator, at (716) 878-4030 or email delmonas@buffalostate.edu.

WNY Sustainable Business Roundtable Earth Week Showcase- 8:30am at the Buffalo Niagara Partnership. The WNY Sustainable Business Roundtable invites you to their April 24th showcase event which will highlight how "being green creates green". The event features a presentation by Erie County Executive Mark Poloncarz about the importance of sustainability in economic development and a talk with a panel of WNYSBR members about the added value that sustainability is bringing to their businesses. The event will be at the Buffalo Niagara Partnership at 8:30am. All businesses are welcome to attend and invited to join the WNYSBR. Register your spot at http://www.brownpapertickets.com/event/1391861.

Night Buckhorn Swamp People!-7:30 p.m. – 9:00 p.m. at <u>Buckhorn Island State Park.</u> Will 'O the Wisp, Swamp Sucker Mist, leads us astray, along Nightjar way. Whinnied Screech Owls fright, by Niagara's flowing might. Hear a rattling snore? A Leopard Frog roars. A symphibian chorus tonight, Buckhorn Theater by candlelight! *For information and registration call* (716) 549-1050.

Saturday, April 25

Horticulture IV Class: Herbs and Medicinal Plants - The Buffalo and Erie County Botanical Gardens, 11am-1pm with David Clark. Register and prepay here. \$27 for each class/if space is available.

Flower Folklore- 10:30 AM. Search for blooming spring wildflowers like amber bells and spring beauties, and discover their secrets on this guided walk. Registration required; call 716-683-5959. Reinstein Woods Nature Preserve, 93 Honorine Dr., Depew.

Animal Superpowers- 2:00 PM. 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, learn about some of these amazing creatures. Registration required; call 716-683-5959. Reinstein Woods Nature Preserve, 93 Honorine Dr., Depew.

Early Spring Migrants at North Tonawanda Audubon Preserve- 8–10am. Donations. North Tonawanda Audubon Preserve – Raymond St. and Birch Dr, N. Tonawanda. Join Buffalo Audubon Society Naturalist Tom Kerr as we search for spring migrants in the preserve. Please wear waterproof footwear.

North Tonawanda Audubon Preserve Spring Shoreline Sweep-10am—12pm. North Tonawanda Audubon Preserve — Raymond St. and Birch Dr, N. Tonawanda. Join us in partnership with Buffalo Niagara Riverkeeper's Spring Shoreline Sweep for a clean-up of our North Tonawanda Preserve. Please wear waterproof footwear. Pre-registration required at http://bnriverkeeper.org/cleanup/

Iroquois Observations Eagle Watch: A Buffalo Audubon Event-1-4pm. Free. Iroquois National Wildlife Refuge – 1101 Casey Rd., Basom. Spotting scopes are staffed by a team of experienced birders who will help visitors view an active Bald Eagle's nest and other migratory birds. Bring binoculars or share scopes at the Cayuga Overlook. Led by Bob Ensminger.

2015 Conservation Tree and Shrub Seedling Distribution and Sale of Extra Stock- 8am to noon. Pick up will be at Market Place Building on Hamburg Fairgrounds. Use the South Park entrance and park by Slade Park.

International Astronomy Day- 11am-4pm. Join the Buffalo Astronomical Association as they participate in the annual celebration of the stars and other celestial bodies of the universe. See the sun up-close through safely filtered solar telescopes (weather permitting), enjoy astronomical seminars, equipment demonstrations, and more - all included with general admission and free for BMS members.

Akron Falls Park: Niagara Frontier Botanical Society Field Trip-. We will explore the section along the steep walls of the ravine (path is easy). Meet at 10:00 at the McDonalds in Akron, at the intersection of Main Street and Route 93. Bring lunch to eat at the picnic tables in the park. Leader: Laurie Baldwin, 442-3005. Rain date: Sunday, May 3 at 1:00 p.m.

Wild Safari!- 1-4pm. Join us on a wild safari around the world! We all know about Africa's "Big Five", but now is the time for you to discover Hawk Creek Wildlife Center's Big Five! Event parking is FREE and tickets are \$12 for adults, \$10 for veterans and seniors, \$8 for children, and \$28 for a family pass of up to 2 adults and 3 children. Children 4 and under are FREE. Tickets can be purchased at the gate or online. http://www.hawkcreek.org/wp/

Arbor Day Tree Tour-9:30-11am at Buffalo & Erie County Botanical Gardens. Garden Members & Non-Members \$5. Celebrate trees and get to know some of the tree species in the South Park Arboretum with Kristy Blakely, Director of Education. Wear comfortable shoes/boots you do not mind getting muddy. Walk takes place rain or shine. Meet in the Gardens parking lot. <u>Info</u>

Field Herbalism- 10am to 12:30pm. Wild Spirit is partnering with Oakmoss Education on a 2-part program on wild foraging and preparation. This session will cover field herbalism where participants will learn the basics of plant identification and ethical wildcrafting during a moderate walk in the Erie County Forest. We'll meet in the parking lot of the Erie County Forest Sawmill and Sugar Shack at 11376 Genesee Road in Sardinia. Cost for this program, \$10.00. NOTE: Because of the risks associated with wild foraging, this program is restricted to people ages 12 and older. register

Astronomy Night at Penn Dixie Site- 7pm. Telescopes will be available to view planets and constellations. Dress for the weather. No pre-registrations required. \$4/person, Penn Dixie Members FREE.

Earth Day Cleanup at Tifft Nature Preserve- 9am-12pm and 1-4pm. For Ages 8+. Join us for a spring clean-up of the preserve in partnership with the Buffalo Niagara Riverkeeper Spring Shoreline Sweep. Participation is FREE. Learn More / Register

Earth Day-10:00 a.m. – 4:00 p.m. at New York Power Authority. Join in the fun at this event sponsored by NYPA. Visit our state parks display and make a craft! *For information call (716) 286-6661*.

Sunday, April 26

Go Bike Classes: Fix a Flat- Learn the ins and outs of fixing a flat. Includes hands on instruction on tube patching and tube and tire removal and reinstallation. We will also discuss different types of punctures as well as flat prevention. Classes at our Community Workshop (98 Colvin Ave.)! All classes are limited to 10 people and are a suggested donation of \$10; they will all be held from 6-8pm. You MUST RSVP to save your spot. Please email Stacy, stacy@gobikebuffalo.org or call (716) 320-0193.

Zoo Science: Helping Endangered Species- 1:00 p.m. - 3:00 p.m. Registration required. The Buffalo Zoo is more than a fun place to observe animals; it is also a living laboratory where real science happens! This exciting workshop is for the adult learner who is interested in discovering behind-the-scenes information about zoo research and conservation projects that help endangered species. We will meet zookeepers who will share their experience, describe the scientific aspects of their jobs, and provide us with special opportunities for up-close observations. http://www.buffalozoo.org/wild_workshops.html

Spring Bird Walk at Penn Dixie- 9am led by Marilyn O'Connell, of Wild Birds Unlimited. Bring binoculars, boots, and dress for the weather. Free program. No pre-registration required. Children welcome. www.penndixie.org

Braddock Bay Field Trip- Annual hawk weekend joint trip with Buffalo Ornithological Society and Rochester Birding Assn (RBA). Meet at 7:00 AM at Tops Market in Wright's Corners. We will stop at birding hotspots along the way! If you plan to drive on your own we will meet the RBA group at 9:30 AM in the Braddock Bay Parking lot. (Take Route 18 to the Lake Ontario State Parkway. Exit at East Manitou Road/Braddock Bay.) Leaders: BOS: David Gordon (716-390-1429 or dgordonphoto@gmail.com) and RBA Bob Spahn (585-671-5690 or rspahn@prodigy.net) who will lead us to Monroe County hotspots.

Practical Herbalism-2-4pm. Adults; \$10. Beaver Meadow Audubon Center - 1610 Welch Rd., North Java This program, involving both indoor and outdoor components, will focus upon the art and science of foraging for wild foods and medicines. The first part of the experience will include fieldwork with an emphasis on herb identification, ecology and historic/modern uses. This will be followed by a presentation with Earth Spirit's Traveling Medicine Show which will offer a diverse sampling of herbal preparations and the means to create them. Presenter: Sanford Geffner, Director, Earth Spirit Educational Services, Inc. and Coordinator, Environmental Studies Program, University at Buffalo. Pre-registration is required. Please call 585-457-3228 to register.

Trek Tifft-2-4 PM at Tifft Nature Preserve, 1200 Fuhrmann Blvd. Buffalo, NY 14203. Drop in on Sunday afternoon and join us for a guided tour of the preserve. Please call 825-6397 to confirm walk will be taking place. \$2 donation suggested. Treks are April-Nov.

Monday, April 27

'Fermentation'- Presentation by Slow Food Buffalo Niagara at Campus House at 6pm at SUNY Buffalo State College Campus. Free; Suggested donation \$5.

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

Farmer's Markets!- 7 to 8:30pm. Green Cuisine Workshop led by Erwin Rakoczy, which will review a short history of markets and the evolutions well as what led to his involvement with farmers markets. We will explore how markets have changed, the role of markets, how does it fit, present and future, and what needs to be done to continue the market movement. Included will be information for anyone interested in starting a farmers market or presently is running a farmers market. UUCA, 6320 Main St., Williamsville. Open to all. For more information: greencuisine1000@gmail.com.

Tuesday, April 28

Sierra Club Meeting-Join others with the Niagara Sierra Club for their monthly meeting at 7pm at Room 252 Duns Scotus Hall, Daemen College. Visit www.daemen.edu/maps for directions.

Trail Tuesdays-Every Tuesday from April through August from 6:30 to 7:30 PM. Turn your love for the outdoors into rewarding action. Assist with projects to help maintain and improve ecosystems and trails throughout Reinstein Woods. There is something for almost every age and ability to help with! Refreshments provided. Registration required; call 716-683-5959. Reinstein Woods Nature Preserve, 93 Honorine Dr., Depew.

Last Tuesdays in Tyler Garden Volunteer Opportunity-3pm at 72 Tyler Street (Grassroots Community Garden). Bring your favorite work gloves and sun hat. Help us plant seeds, water, weed etc. No experience necessary. https://www.facebook.com/events/4572264447759568/

2015 C-SAAHN 'IMAGINE' Tuesday Noon-Hour Lecture Series-At Downtown Buffalo & Erie County Public Library. Free to all12:30 - 1:00 P.M. "IMAGINE Lifelong Learning and Buffalo Niagara as a Bi-National Cultural & Nature Center: The Arts + STEM = STEAM" Bob Poczik - "Japanese Gardens". Info on 12-12:30 presentation, visit http://buffaloah.com/h/center/lib/15lec.html.

Wednesday, April 29

"Paleolithic Art: Cave paintings from France and Spain"-Talk by Carol Miller, Lockport at 7 PM in the auditorium of the Gateway Executive Office building, 3556 Lake Shore Road, Blasdell, New York 14219. The public is welcome and no pre-registrations are required. \$5/person, Penn Dixie members are FREE. Call (716) 627-4560 for additional information and directions. Cave paintings, sculptures, spear throwers, 35,000-year old carvings, 25,000-year old jewelry...Paleolithic art is all this and more.

"Gardening for Pollinators & Native Bees"-Genesee County Master Gardeners program at the Cooperative Extension office, 420 E. Main St., Batavia will help participants learn about the astonishing diversity of native bees in North America and discover those that may be living and working in your back yard. The presenters will give you simple steps to create a pollinator-friendly landscape around your home, school or workplace so that you can enjoy butterflies, bees and other friendly fauna. The registration deadline is April 24. The Coffee and Dessert events are held from 6 to 8 p.m. The cost is \$10 per person per class. Pre-registration is required because class size is limited. To register, contact Brandie Schultz at 585-343-3040, ext. 101 or stop by the office at 420 East Main St., Batavia.

Thursday, April 30

Wellness Walk at Tifft-10 am to noon. Drop by Tifft Nature Preserve and enjoy the fresh air and the sights and sounds of the season with a healthy outdoor walk! Offered Thursdays all year. \$2.00 per person donation appreciated. Please call 825-6397 to confirm walk will be taking place.

After-School Escape-4:30 PM at Reinstein Woods Nature Preserve, Depew. Enjoy a one-hour program for kids featuring a different, fun, outdoor activity each week. For kids in grades K-5. No registration required.

Erie County Lands Advisory Review Committee (ARC)- 9 AM at Erie County Department of Environment & Planning, 95 Franklin St., Rm 1004, Buffalo.

Film by Reich "With Inequality for All"-7pm. Discussion of environmental justice issues on the Outer Harbor. Sponsored by Buffalo State Center for Economic and Policy Studies and Burchfield Penny Art Center. Https://www.burchfieldpenney.org

Sierra Club Niagara Group Annual Awards Dinner-This year's dinner will be at "My Tomato Pie Restaurant" at 3085 Sheridan Dr., Amherst, NY 14226 in the Northtown Plaza. We gather at 5:45 and the buffet dinner that includes vegetarian options will be served at 6:30. The cost is \$25/person that includes tax and gratuity. Please RSVP by **April 27** to sierraclubanglea@gmail.com or call Larry at 716 634 8715.

Friday, May 1

"Nurtured by Nature: Developing as an Artist in Chautauqua County" Artist Reception -7 - 9 PM meet artist Audrey Kay Dowling at Roger Tory Peterson Institute, Jamestown for an opening reception and artist talk. The solo exhibit runs from May 1, 2015 to June 15, 2015.

Saturday, May 2

Earth Day in May-10:00 AM to 1:00 PM.Help us clear debris from our trails to prepare them for summer and plant native wildflowers. Families, scout groups and students needing service hours are welcome. Refreshments will be provided. Registration required; call 716-683-5959. Reinstein Woods Nature Preserve, 93 Honorine Dr., Depew

I Love My Park Day- Check NY State Park website for activities. Volunteers will celebrate by cleaning up winter damage and other debris on park lands and beaches, planting trees and gardens, restoring trails and wildlife habitat, removing invasive species, and working on various site improvement projects.

Pan American Exposition Day and Tea Ceremony-At the Buffalo History Museum from 10am-3pm. Docents are available at the Resource Center from 1-3pm. Experience a Japanese Tea Ceremony in the round on the Portico of TBHM (11:30 and 1:30). A morning discussion of Cherry Trees at 10 am at TBHM followed by a Tree Planting in the Garden. Tour Lincoln Parkway neighborhood with Explore Buffalo (www.explorebuffalo.org). Museum Admission/Members Free.

Niagara Escarpment Preserve- 1pm. We will join members of the WNY Land Conservancy at their new Leete Road preserve in Lockport. Meet in the driveway at 4597 Sunset Drive near the Harrison plant. Leader: Jajean Rose-Burney, 687-1225. For more information call Joanne Schlegel, 835-6042.

Wild Foraging and Herbalism: Home Preparations- 10am to 12:30pm at Hope Lutheran Church, 2 E Main St., Arcade. Cost \$15. This is a hands-on workshop with take home samples. <u>register</u>

Sunday, May 3

Spring Bird Walk at Penn Dixie- 9am led by Marilyn O'Connell, Wild Birds Unlimited. Bring binoculars, boots, and dress for the weather. Free program. No pre-registration required. Children welcome.

Trek Tifft-2-4 PM at Tifft Nature Preserve, 1200 Fuhrmann Blvd. Buffalo, NY 14203. Drop in on Sunday afternoon and join us for a guided tour of the preserve. Please call 825-6397 to confirm walk will be taking place. \$2 donation suggested. Treks are April-Nov.

"Underwater Monsters of the Great Baehre Swamp"- free Walk and Talk at 2 p.m at Great Baehre Conservation Area on Hopkins Road, less than one mile north of Klein Road, Amherst. Wayne Gall, a regional entomologist for the state Department of Health who also served on the staff of the Buffalo Museum of Science as curator of entomology, will share his love of aquatic creatures. The program will take place rain or shine. Wear clothing appropriate for the weather. For more information, call 688-6566 or email amherstarboretum@roadrunner.com.

Tips for the Environment:

- 1. Take Advantage of Rebates and Freebies Utilities and other organizations may provide incentives for greening your life. Depending on your utility provider, while supplies last-get a free showerhead savings kit at https://nyseg-rge.savingkit.com/. Upgrade your refrigerator or freezer and receive a rebate of \$50 and recycling of your old appliance- fridge rebate. If you live in a multi-family unit that could benefit from lighting upgrades, check out the options at lighting upgrade.
- 2. Reuse and recycle your Tips for the Environment-we are probably all using CFL bulbs, recycling regularly and engaging in lots of earth-friendly behaviors. So let's reuse and recycle-you can check the list of tips from the first Enviro-News in January 2006 (check for any missed at econews). If you have tips to share, please send them to me to include.

April's Contribution by Lesley Haynes: Remember the 4 R's: Reduce, Reuse, Recycle, Repair

Earth Day is observed on April 22. This tradition arose from an interest in gathering national support for environmental issues. In 1970, San Francisco activist John McConnell and Wisconsin Senator Gaylord Nelson separately asked Americans to join in a grassroots demonstration to ensure that those interested in conservations would no longer be ignored by legislators. McConnell chose the spring equinox (March 21, 1970) and Nelson chose April 22. Millions of people participated, and now Earth Day continues to be celebrated universally with events on both dates.

Typical ways of observing Earth Day include planting trees, picking up roadside trash, conducting various programs for recycling and conservation, using recyclable containers for snacks and lunches. Some people are encouraged to sign petitions to governments, calling for stronger or immediate action to stop global warming and to reverse environmental destruction. Television stations frequently air programs dealing with environmental issues

Every year the Earth Day Network and Global Poverty Project present *Global Citizen Earth Day*. The National event is held at the Washington Monument Grounds, Washington D.C. It is A FREE EVENT and will be held SATURDAY 18 APRIL 2015. Time: 11.00am - 7.00pm.

This year's 45th anniversary of Earth Day, Global Citizen Earth Day comes during a crucial time to protect the planet and ensure that world leaders address key issues facing the next generation. Timed to coincide with the spring meetings of the World Bank Group and the International Monetary Fund, Global Citizen 2015 Earth Day will bring together global policymakers, finance ministers, environment and development NGOs, and industry executives.

Together, these world leaders will work to educate and inspire citizens to take immediate action to end extreme poverty and address climate change. The event is part of a widespread effort to mobilize global citizens in the climate and environmental movement, and the development and poverty movement to push bold commitments from governments, businesses and individuals.

The question for us is what can we do locally as individuals to make a change in the environment? Good habits, no matter how small, can make a difference. We can do our part by practicing the following routines each day.

- 1. At night before going to bed: Turn off all electronics. Plug your devices the TV and DVD player, or the computer and printer into a UL-certified power strip; switch the whole group off for the evening to prevent phantom electrical draw.
- 2. Observe meatless Mondays: Eating less meat is good for our health and for the environment. For great recipes and tips, visit *meatlessmonday.com*.
- 3. Park your car and walk: Make exercise part of your daily routine. Driving less and walking more is good for the climate, the planet, your health, and your wallet.
- 4. At work: Purchase recycled paper. Set up your office printer or copy machine so it prints on both sides of the page.
- 5. When running errands: BYOB. Bags, that is.
- 6. Introduce your children to Dr. Seuss's 1971 book, *The Lorax:* it features a creature who "speaks for the trees" against those who would cut them down. This story also comes in a DVD.

On Earth Day, enjoy the energizing fresh air, the contact with the soil, and companionship with nature! Walk through the woods in search of emerging wildflowers and green moss. Go outside, no matter what the weather!

Just changing one thing at a time will help the environment and our personal lives. Let me know how you are doing with the 4 R's. What changes are you making?

Don't forget "Together we can make a difference." lesleyhaynes14@yahoo.com

GROW WNY: Local Website for Everything Environmental

GrowWNY (http://growwny.org) is a new hyper-local source of information about living green in Western New York. To showcase your local events or advertise a future event, be sure to submit to their online calendar.

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 Nancy Kalieta at 827-1584 ext. 207 or nkalieta@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 <u>jssbuffalo@yahoo.com</u>.

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

Buffalo Niagara Riverkeeper- http://bnriverkeeper.org/get-involved/volunteer/ for opportunities.

Buffalo ReUse can use volunteers for many things including fundraising, graphic design, building salvage and material pickups. Join them for their fun Saturdays. 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, feel free to contact Tivona Renoni at tivona@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 <u>volunteer@habitatbuffalo.org</u>.

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 <u>jssbuffalo@yahoo.com</u>

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

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

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

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

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

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

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

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

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

Additional calendars with local events-

http://artvoice.com/calendar

http://www.citybration.com

http://www.buffalospree.com/Buffalo-Spree/Events/

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

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

http://www.buffalo.edu/calendar

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

http://buffalorising.com

http://www.buffalobarnraisers.com/

http://rochesterenvironment.com/calendar.htm

Additional local blogs and websites-

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Parks and Trails NY Trailfinder Site- http://www.ptny.org/trailfinder/Default.aspx

Reuse Action-http://reuseaction.com/blog/

Rochester Environment- http://www.rochesterenvironment.com/

WNY Enviro- http://groups.yahoo.com/group/WNY-ENVIRO/

Outdoors Niagara- http://www.outdoorsniagara.com/

Environmental Tips- http://www.globalstewards.org/ecotips.htm

Good Neighborhood- http://thegoodneighborhood.com/

Buffalo Architecture and History- http://www.buffaloah.com/

Richardson-Olmsted http://www.richardson-olmsted.com/

Times Beach Nature Preserve- www.facebook.com/pages/Friends-of-Times-Beach-Nature-Preserve/283210257029

All about Nature- http://www.meetup.com/All-About-Nature-in-WNY/

Black Dog Rescue- www.blackdogsecondchance.org

Peace Weavers- http://peaceweavers.org/

Eco-Island Nature Center- www.k12.ginet.org/resources.cfm?subpage=6518

NY Sport Fishing- http://www.fishny.com/

Erie Canal Trailway- www.ptny.org/bikecanal

Niagara Watershed Alliance- http://www.had-e-nuff.com/id6.html

Rochester Roots-http://www.rochesterroots.org/

SOLE of Buffalo- https://www.facebook.com/pages/SOLE-of-Buffalo/242409525795420

New York Times Green Energy & Environment-http://green.blogs.nytimes.com/

South Buffalo CREW- http://www.southbuffalocrew.com/

U Save Buffalo/Recycling- http://www.facebook.com/USaveBuffalo

We Love Outdoors-http://www.weloveoutdoors.com/

WNY Chapter/American Chemical Society- http://wny.sites.acs.org/

Green Jobs, Internships and Opportunities

Environmental Internships-http://environmentalinterns.ncseonline.org/

Green Careers-http://www.greencareersny.com/

Green Jobs- http://www.greatgreencareers.com , http://www.greenjobs.com/

UB Green Job list- http://www.ub-careers.buffalo.edu/green.php

Listing of websites-www.tinyurl.com/SustainabilityAndGreenJobs

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

Youth Summer/Holiday Camps

www.buffaloaudubon.org

www.buffscience.org

www.buffalozoo.org

www.penndixie.org

Grant Opportunities

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

www.wnygrantmakers.org/

www.grantstation.com

www.grantwatch.com

www.grantwrangler.com

www.grantsalert.com

http://www.glrppr.org/funding/

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

Arden Farm- http://theardenfarm.com/

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

Busti Cider Mill- www.busticidermill.com

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

Chicken Worth Eating-http://www.chickenwortheating.com/

Erie County Farmers' Markets- http://www.agriculture.ny.gov/AP/CommunityFarmersMarkets.asp#Erie County

Falkimmer Farms- http://falkimmerfarms.com/

Farmer Pirates-http://www.farmerpirates.com/

Farmers and Artisans- http://farmersandartisans.com

Farmthisway CSA - http://www.farmthisway.com/

Fenton's Produce- www.fentonsproduce.com

First Light Farm and Creamery- http://www.first-light-farm.com

Five Loaves Farm- Kauffman.m@gmail.com

Flavor Farm- www.flavor-farm.com

Green Heron Growers- http://www.greenherongrowers.com/

Green Shoots for New Americans-

http://www.jersbuffalo.org/index.php/programs/category/Green Shoots for New Americans

Good Food Farm- www.goodfoodfarm.blogspot.com

Harvest Patch- http://www.harvestpatch.com/

McCollum Orchards- http://www.oldfarmnewlife.com/

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

Native Offerings- http://nativeofferings.com/

Niagara Malt- www.niagaramalt.com

Plato Dale Farm- http://www.platodalefarm.org/

Porter Farms- http://porterfarms.org/

The Promised Land- http://www.promisedlandcsa.com/produce.htm

Queen City Farm- www.queencityfarm.org/

Reigle's on the Ridge-http://www.localharvest.org/reigles-on-the-ridge-M48650

Roots & Wings Family Farm- http://www.rootsandwingsfamilyfarm.com

Root Down- www.therootdownfarm.com

Sinemus Farms- http://www.sinemusfarms.com/

Singer Farms Naturals-www.singerfarmnaturals.com

Thorpe's Organic Farm- www.thorpesorganicfamilyfarm.com

T-Meadow Farms- www.heritagebreedsusa.com/TMeadow.html

Wilson Street Urban Farm- http://wilsonstreeturbanfarm.wordpress.com/

NY Sustainable Agriculture Working Group- http://www.farmtraveleronline.com/

NYSAWG Links to Farmers' Markets, CSA, Other farms- http://www.nysawg.org/directory-of-farms.html

Local Harvest (resource site)-http://www.localharvest.org/

NY Agri-women - http://www.newyorkagriwomen.com/

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

Batteries- Twin Village Salvage Recycling, 4153 Broadway, Depew 683-5373

Batteries, rechargeable- drop offs at Office Depot, Best Buy, Target, Walmart, Radio Shack, Lowe's

Bicycles- Buffalo Blue Bicycle http://gobikebuffalo.org/

Books- www.booksforafrica.org, www.operationpaperback.org

Bottle and jar caps-Weisenbach Recycled Products in Ohio. CapsCando.com.

Bras- www.donateyourbra.com, www.brarecycling.us

Building materials- www.buffaloreuse.org

Carpet- WNY Professional Flooring, 864-3875

Cars- http://www.donateacar.com/

Clothing, general-Goodwill, Amvets, Salvation Army, St. Vincent Depaul Society, Ladies of Charity, Goodwill, American Eagle Outfitters

Clothing, formal/business- www.donatemyweddingdress.org/, www.careergear.org, www.dressforsuccess.org

Compact Fluorescent Light Bulbs-Accepted at all Home Depot stores, Lowe's

Computer disks, tapes and misc. techno"trash" - http://greendisk.com/

Computer equipment- local Goodwill stores and attended donation centers, Best Buy, Sunnking dropoffs

Cell Phones-Buffalo Zoo, Aquarium of Niagara and other charities

Drug disposal best practices- http://www.dec.ny.gov/chemical/45083.html

Electronics- www.greenergadgets.org/recycling-responsibly.html, most electronics stores, www.sunnking.com

City of Buffalo residents- 1120 Seneca Street, hours and info here; Other residents, check with your towns.

Envelopes, tyvek- < 25: Send to Tyvek Recycle, Attn. Shirley B. Wright, 8401 Fort Darling Road, Richmond, VA 23237. More than 25: call 866/33-TYVEK.

Eyeglasses-Lions Club http://donateglasses.net/search.html for sites accepting donations

Fishing line: Berkley Recycling, 1900 18th St., Spirit Lake, IA 51360.

Fur coats (incl faux fur)- http://coatsforcubs.com (used for animal rehab for young animals)

Gift cards and customer loyalty cards- http://www.earthworkssystem.com/consumers.html

Green Cleaning programs in the workplace-https://greencleaning.ny.gov/Entry.asp

Greeting Cards- http://www.stjudesranch.org/shop/recycled-card-program/

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

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

Ink cartridges-RecyclePlace.com and most manufacturers

Mattresses- http://www.triadrecycle.com/mattress.html

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

Pantyhose/tights- NoNonsense.com/PantyhoseRecycling.aspx

Plant pots- Mischler's Florist and Nursery, Lavocats Nursery, Lockwood's Nursery

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

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 preserve products.com/recycling

Yoga mats- Recycle Your Mat.com

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- <u>Courses</u> are free Green Classroom Professional Certificate- Online courses, info <u>here</u>

Miscellaneous:

Green America's guide to Socially Responsible Investing- http://pubs.greenamerica.org/i/116105
Buffalo Relocation and Self-Promotion http://www.wherelifeworks.com/

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/

Allegany Nature Pilgrimage http://alleganynaturepilgrimage.com/

Alliance for the Great Lakes <u>www.greatlakes.org</u>

American Planning Association-WNY Section/Upstate www.wnyapa.com

Amherst Greenways http://Amherstgreenways.org

Amherst State Park Arboretum http://www.amherststatepark.org/ASP/Welcome.html

Animal Advocates of Western New York https://www.facebook.com/aaofwny

Aquarium of Niagara www.aquariumofniagara.org

Artfarms http://www.artfarms.org/

AWARE-Assoc. for Wild Animal Rehabilitation & Education https://www.facebook.com/AWAREWildlife

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/

Buffalo Architecture Foundation http://www.buffaloarchitecture.org/

Buffalo Audubon Society/Beaver Meadow Nature Center

Volunteer Day every Wed. 10am-2pm at Beaver Meadow

www.buffaloaudubon.org

Braddock Bay Bird Observatory http://braddockbaybirdobservatory.wordpress.com/

Buffalo Astronomical Association http://www.buffaloastronomy.com/

Buffalo Brownfields Opportunities Areas http://buffalobrownfieldopportunities.com/

Buffalo Citybration http://citybration.com/

Buffalo Complete Streets http://buffalocompletestreets.org/

Buffalo and Erie County Botanical Gardens <u>www.buffalogardens.com</u>

Buffalo First <u>www.buffalofirst.org/</u>

Buffalo Geological Society <u>www.bgsny.org</u>

Meetings 7:30pm, first Fri. Oct-April, Parkside Lutheran

Buffalo Green Code http://www.buffalogreencode.com/

Buffalo in Bloom www.buffaloinbloom.com/

Buffalo Maritime Center http://www.buffalomaritimecenter.org/

Buffalo Microparks http://www.buffalomicroparks.com/

Buffalo Museum of Science www.sciencebuff.org/

Buffalo Niagara Riverkeeper <u>www.bnriverkeeper.org/</u>

Buffalo Niagara 2050 Transportation www.buffaloniagara2050.com

Buffalo Olmsted Parks Conservancy <u>www.bfloparks.org</u>

Buffalo Orienteering Club http://www.buffalo-orienteering.org/

Buffalo Ornithological Society http://www.buffaloornithologicalsociety.org/

Buffalo ReUse <u>www.buffaloreuse.org/</u>

Buffalo Urban Development Corp http://budc.ecidany.com/

Buffalo Urban Outdoor Education <u>www.buoe.org</u>

Buffalo Zoo <u>www.buffalozoo.org</u>

Cabelas http://www.cabelas.com/stores/store_info.jsp?pageName=058#events

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/

Citizens Campaign for the Environment <u>www.citizenscampaign.org</u>

Citizens' Environmental Coalition www.cectoxic.org/index.html

Citizens for Regional Transit <u>www.citizenstransit.org/</u>

Clarence Bluebird Trail www.clarencebluebirdtrail.org

Clean Air Coalition of Western New York http://www.cacwny.org/

Clean Communities of Western New York http://www.ccofwny.org/

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 https://chautauquacce.shutterfly.com/

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 Sustainable Communities www.daemen.edu/academics/centersinitiatives/CSCCE

Department of Environmental Conservation (NY State) www.dec.ny.gov/index.html

Designing to Live Sustainably http://www.d2ls.org/

Earth Spirit Educational Services www.earthspiritedu.org

Environmental Education Associates http://environmentaleducation.com/

Environmental Justice Action Group of Western New York http://weact.org/Coalitions/tabid/182/Default.aspx

Environmental Protection Agency http://www2.epa.gov/aboutepa/epa-region-2

Local Office (716) 551-4410

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://www.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/

Evergreen-Buffalo State College www.buffalostate.edu/orgs/evergreen

Excalibur Leisure Skills http://excaliburls.org

Explore Buffalo <u>www.explorebuffalo.org</u>

Farm2Curb https://www.facebook.com/farmtocurb

Field and Fork Network http://fieldandforknetwork.com/

First Hand Learning <u>www.firsthandlearning.org</u>

Food is our Medicine Project www.foodisourmedicine.org/

Food Policy Council of Buffalo & Erie County http://hkhcbuffalo.org/

For A Clean Tonawanda Site www.factsofwny.com/

Foundry http://thefoundrybuffalo.org/

Friends of the Iroquois National Wildlife Refuge http://www.friendsofiroquoisnwr.org/

Friends of Times Beach Nature Preserve http://www.friendsoftimesbeachnp.org/

Foothills Trail Club <u>www.foothillstrailclub.org</u>

Gander Mountain Store (seminar listings) http://www.gandermountain.com/store-locator/

Garden Clubs of WNY www.gardenclubsofwny.com

Garden Walk Buffalo http://gardenwalkbuffalo.com/

Genesee County Nature Center www.gcv.org

Go Bike Buffalo http://gobikebuffalo.org/

Good Going WNY www.goodgoingwny.com

Gooseneck Hill Waterfowl Sanctuary <u>www.gooseneckhillwaterfowlfarm.com</u>

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 WNY http://greenwny.com/

Groundwork Buffalo http://www.groundworkbuffalo.org/

Habitat for Humanity Buffalo http://www.habitatbuffalo.org/

Intro to Volunteering 9am-3rd Saturday each month

Heart of the City Neighborhoods, Inc. www.hocn.org

Iroquois National Wildlife Refuge http://www.fws.gov/refuge/iroquois/

Jamestown Audubon Center & Sanctuary <u>www.jamestownaudubon.org</u>

Jamestown Community College http://www.sunyjcc.edu/sustainability

Junior Solar Sprint Buffalo <u>www.jssbuffalo.com</u>

Lake Erie Forum http://www.lakeerieforum.org/

Lake Erie Seaway Trail Center http://lakeerieseawaytrail.org/

League of Women Voters of Buffalo Niagara http://www.lwvbn.org/

Learning Sustainability Campaign http://www.learningsustainability.com/

Local Initiatives Support Corporation http://www.buffalolisc.org

Maddie's Pet Rescue Project http://www.maddieseriecounty.org/

Massachusetts Avenue Project http://mass-ave.org/

Messinger Woods Wildlife Care and Education Center, Inc www.messingerwoods.org

Nannen Arboretum http://www.nannenarboretum.org/

National Buffalo Garden Festival http://www.nationalgardenfestival.com

Nature Conservancy-Central and Western New York Chapter http://Nature.org/centralwestern

Nature Ed-Ventures www.natureed-ventures.com

Nature Sanctuary of Western New York http://nsswny.org/

Net+Positive <u>www.netpositivefoundation.org</u>

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 Power Authority <u>www.nypa.gov</u>

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/

New York State Sustainable Agriculture Working Group http://www.ny-sawg.org/

New York Upstate Chapter of the Green Building Council http://www.greenupstateny.org/

New York State Wetlands Forum http://www.wetlandsforum.org

Niagara County Farm Bureau http://niagarafb.org/

Niagara County Landfill and Recycling http://www.rethinkyourwaste.com/

Niagara County Parks http://www.niagaracounty.com/Parks/

Niagara County Soil and Water Conservation District www.niagaraswcd.com

Niagara Frontier Botanical Society https://sites.google.com/a/niagarafrontierbotanicalsociety.org/niagara-frontier-botanical-society/home

Niagara Frontier Wildlife Habitat Council http://www.nfwhc.org/

Niagara Heritage Partnership http://www.niagaraheritage.org/

Niagara Restoration Council <u>www.niagararestoration.org/</u>

Niagara River Anglers Association http://www.niagarariveranglers.com

Niagara River Greenway Commission <u>www.niagaragreenway.org</u>

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/

Partnership for the Public Good <u>www.ppgbuffalo.org</u>

Paths, Peaks and Paddles <u>www.pathspeakspaddles.com</u>

Penn Dixie Paleontological and Outdoor Education Center

Open Sat. 9am-4pm May-Oct. for fossil collecting

www.penndixie.org

Pfeiffer Nature Center (Portville) <u>www.pfeiffernaturecenter.org</u>

People United for Sustainable Housing http://www.pushbuffalo.org

Preservation Buffalo Niagara http://www.preservationbuffaloniagara.org/

Primate Sanctuary http://theprimatesanctuary.com

Regional Councils NYS http://regionalcouncils.ny.gov

Reinstein Woods Nature Preserve www.dec.ny.gov/education/1837.html

ReNU Niagara http://www.niagara.edu/renu/

Reptile Adoption, Rehabilitation and Education, Inc. (RARE) http://rarerehab.org/

Retree Western New York <u>www.re-treewny.org</u>

ReUse Action http://reuseaction.com/

Roger Tory Peterson Institute <u>www.rtpi.org</u>

Service Collaborative of WNY http://www.tscwny.org/

Sierra Club (Niagara Group of Atlantic Chapter) http://newyork.sierraclub.org/Niagara

Slow Food Buffalo Niagara https://www.facebook.com/slowfoodbuffaloniagara

South Buffalo Alive http://www.southbuffaloalive.com/

SPCA serving Erie County <u>www.yourspca.org</u>

Street Synergy http://www.streetsynergy.org/

SUNY Fredonia http://www.fredonia.edu/gogreen/

Sustainable Earth Solutions www.sustainableearthsolutions.com

Tifft Nature Preserve www.sciencebuff.org/tifft_nature_preserve.php

Tuscarora Environmental Task Force http://www.tuscaroraenvironment.com

21st Century Park on the Outer Harbor http://21stcenturypark.org/

UB Student Association Environmental Affairs http://www.sa.buffalo.edu/environmental

UB Engineers for a Sustainable World http://www.eng.buffalo.edu/esw

UB ERIE Program http://www.erie.buffalo.edu/

UB Office of Sustainability http://www.buffalo.edu/sustainability.html

UB Regional Institute http://regional-institute.buffalo.edu/

UnwasteNY http://www.unwasteny.org

Urban Land Institute http://newyork.uli.org/regional/

Urban Roots www.urbanroots.org/

US Army Corps of Engineers-Buffalo District http://www.lrb.usace.army.mil/

US Coast Guard-Boating Safety http://www.wnyboatsafe.org/

Voice-Buffalo http://www.voice-buffalo.org/index.html

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 Herpetological Society http://www.wnyherpsociety.org/

Western New York Hiking Trails and resources <u>www.wnyhikes.com</u>

Western New York Land Conservancy http://www.wnylc.org/

WNY Nursery and Landscape Association (PLANT WNY) http://www.plantwny.com/

Western New York Science Congress http://wnysc.org/

Western New York Service Learning Coalition www.wnyslc.org

Western New York Stormwater Coalition <u>www.erie.gov/stormwater</u>

Western New York Sustainable Business Roundtable http://www.wnysustainablebusiness.org/

Western New York Sustainable Energy Association https://www.facebook.com/WNYSEA

West Side Ministries http://www.westsideministries.org/

West Valley Citizen Task Force www.westvalleyctf.org

Wild Kritters http://www.wildkritters.com/

Wild Ones, Native Plants and Natural Landscapes http://www.wildonesniagara.org/

Wild Spirit Education http://www.wildspirit.org/

Wind Action Group http://www.buffalowind.org

Working for Downtown http://www.workingfordowntown.org/

World on your Plate http://www.worldonyourplate.org/