

Enviro-News

August, 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:

"Solar City Jobs"

The **Monday, August 3** meeting of the Sierra Club Climate and Clean Energy Writers' Group will host Christopher Schoepflin, WNY Regional Director of Empire State Development, who will speak on the Solar City project, skills needed for jobs in the solar field and how renewable energy fits New York's economic development strategy. This free public event will be held from 6:00 pm to 7:30 pm in the Sanctuary at UU Church, Elmwood Ave. at West Ferry, Buffalo. Contact billnowa@gmail.com for info.

WNY Environmental Summit-Save the Date

The 11th Annual WNY Environmental Summit will be held at Daemen College on **Saturday, September 26** from 8:30am-12:15pm and is free and open to the public. This year's theme "Healthy Living: Water Keeps Us Together" will feature talks and workshops about water quality issues and conserving our water, as well as other environmental topics. Free exhibit tables (limited number) are available to organizations and green businesses. Contact byoung@daemen.edu to reserve a table. Info at www.daemen.edu/summit.

Bird Lovers' Paradise Open for Viewing

Gooseneck Hill Waterfowl Sanctuary is open Sundays in **July and August** from 2-5 PM. Cost is \$10 for adults and \$7 for Seniors and Children under 12. Private tours are available any day by appointment. Call for pricing. The tour includes: A guided tour of the two largest covered aviaries in the world, observe 70 species of birds including singing, dancing swans, 25 rock gardens, gift shop (1,000 items), and hand feed 700 birds. <http://www.gooseneckhillwaterfowlfarm.com/>

Volunteers Needed to Pull Water Chestnut

The USFWS recently found an infestation of water chestnut (*Trapa natans*) on the Genesee River, near its mouth. The plants cover about 20 – 25% of the area behind the Spirit of Rochester. The USFWS are planning a larger scale removal effort on **Tuesday, August 4th**. Volunteers are needed - your help is needed to stop this invasive species in the Genesee River! Please consider helping this important initiative. Volunteers are encouraged to bring their own canoes and/or kayaks if they have them. Availability of watercraft is limited. Please contact Heidi Himes (heidi_himes@fws.gov / 585 948-5445 ext. 7054) for more information and to RSVP.

Public Comment Invited on Regional Transportation Projects

The Greater Buffalo-Niagara Regional Transportation Council (GBNRTC) is seeking public comment on [20 new transportation projects](#) that would enhance the mobility of seniors and individuals with disabilities throughout Erie and Niagara Counties. You can also [view a more detailed document of all the projects](#). Public comments can be submitted via [email](#) or phone (716-856-2026) and will be received through **August 4, 2015**.

Recycling Volunteers Needed for Lewiston Art Festival

Volunteers are needed to help with success of recycling and composting at the Lewiston Art Festival, scheduled to be held **August 8 & 9, 2015**. With the help of past volunteers we've been able to increase the amount of waste we've recycled and composted every year for the past three festivals! Online registration for volunteers is available at www.ModernCorporation.com/ArtFest. Individuals may sign up directly using that, or youth group leaders may forward a list of volunteers from your group to katy@modern-corp.com. We are especially targeting youth for the Green Team, but adults are welcome too. There are also other volunteer roles adults may fill at the event. For info about opportunities, contact the Lewiston Council on the Arts office at artstaff@artcouncil.org or 716-754-0166.

Bugfest

The volunteers of Bond Lake Park will hold their annual BugFest on **Sunday, August 16th** at Bond Lake Park from 11 am to 2 pm in the Bond Lake Nature Center on Lower Mountain Road in the Town of Lewiston. No kids are too young or too old for this afternoon of bug displays, books, and activities. Displays of all kinds give an up-close view of insects and insect life, and help visitors understand the benefits of having insects in our world. You can examine pinned insects up close with lenses and a microscope, and there are even lots of real insects to touch! Weather permitting, a Bug Walk is planned for 1:00 pm through the grasses and shrubs immediately surrounding the nature center. BugFest is a great family event, and is fun for kids and parents alike. This free event is rain or shine. For more information please email bondlake@gmail.com.

Pool Owners Needed to Identify Invasive Beetle

Pool owners are invited to join in the New York State Department of Environmental Conservation (DEC) fourth annual Asian longhorned beetle (ALB) Swimming Pool Survey now through August 30 to help keep watch for and check pool fitters for these exotic, invasive beetles before they cause serious damage to our forests and street trees. The Citizen Pool Survey takes place this time of year when ALBs are expected to become adults, emerge from the trees they are infesting and become active outside those trees. With citizens involved in looking for this pest, there is a better chance of finding new infestations early, helping DEC and other state and federal agencies focus their efforts to eliminate infestations. Those that don't have a pool can still help. DEC expanded its photo collection to include anyone who spots a suspect beetle, whether it is found in their pool or not. Residents are also encouraged to submit photos if there is suspicion of an Emerald Ash Borer ([picture](#)) or another invasive pest damaging trees. Instructions on how to help are available at <http://www.dec.ny.gov/press/102696.html>.

Buffalo LISC Community Development Awards-Final Call for Nominations

Do you know of an individual or organization who is doing great things in the Buffalo Metro area? Nominate them today for the Buffalo LISC Community Development Awards! Award Categories include "Neighborhood Development Project of the Year", "Buffalo Community Builder Award" and "Buffalo LISC Building Sustainable Communities Award". Nominations will remain open through **Wednesday August 12, 2015**. Click the link below for additional information, or to submit a nomination: [Nominate here!](#)

TEDx Attendee Applications Open

The October 22 TEDx Buffalo conference is inviting audience applications for their free, limited space event. This year's conference, "Illuminate" will be held at Babeville's Asbury Hall, 341 Delaware. Applications are due by **August 14** and are available at www.tedxbuffalo.com/attend2015.

Big Data Analytics Transforming Transportation Operations, Management and Safety

UB will be hosting a conference on Transportation Informatics on **August 13th & 14th**. TransInfo, one of the leading transportation research centers in the United States that is supporting the Internet of Things (IoT) big data revolution and the only Tier 1 University Transportation Center in the nation that specializes in transportation informatics, invites you to join fellow distinguished practitioners, academicians, policy makers, and industry for an inaugural event Big Data Analytics Transforming Transportation Operations, Management and Safety. Registration and agenda at <http://www.buffalo.edu/transinfo/2015Symposium.html>

Fall 2015 Pond and Grass Carp Stocking in Niagara County

Niagara County Soil and Water Conservation District is taking orders for various fish species including grass carp for pond stocking. Orders are due by **August 28** for pickup in mid-September. A DEC permit is required for grass carp stocking. Order form is available at http://www.niagaraswcd.com/Programs_2014.html

Buffalo Bike Share

Need a bike to get around downtown or UB? Buffalo Bike Share has different options to provide you with easy access to a bicycle. Check out their location map at <https://buffalo.socialbicycles.com/#map>. You can sign up online at the site and book your next reservation.

Kayaking Classes for Women

The Becoming an Outdoors-Woman program is partnering with Seabirds International to offer a number of Beyond BOW women's kayaking classes and tours in Western New York. These events will take place in various locations and times to October. There are classes for beginners, advanced beginners and intermediate paddlers. Information and course listings are available at <http://www.seabirds.co/events.html>

Buffalo Tours Season Ongoing

Buffalo Tours offers numerous guided tours of our regional architectural treasures, neighborhoods and landscapes. For a full listing and reservations, visit <http://explorebuffalo.org/>.

Tour de Farms Bike Ride and Local Food Celebration

Join Massachusetts Avenue Project and GoBike Buffalo on **Saturday, September 12** for this bike tour of local, urban and rural farms. Ride starts at 9am (optional half-ride starts at 12:30) with food celebration in the afternoon at Oles Farm with bus ride back. Register and tickets at <http://tourdefarmsbuffalo.org/>. Non-riders can register for just the local food celebration.

Penn Dixie Nature Cruise

The 25th Penn Dixie Nature Cruise is set for **September 12**. Boarding for the cruise will begin at 8:30 AM at the entrance to the Erie Basin Marina, departure is promptly at 9 AM, and return to the dock at 12 Noon. The cruise will provide views from the harbor, Lake Erie, the Niagara River, the locks, and the Black Rock Canal as we travel along the Buffalo waterfront. This will be a great opportunity to view the 410-ft. tall wind turbines that have been installed on the former Bethlehem Steel site and other changes being made on the Buffalo waterfront. Experts in aquatic biology, birding, fisheries, and geology will provide information on the formation of the lake and river, the fishing, birding opportunities, and features along the waterfront. The cost of the cruise for Penn Dixie members - \$27 adults, \$24 children and non-member adults - \$30, children \$27. Registration forms and information may be downloaded from the website www.penndixie.org or call (716) 627-4560.

Dry Stone Wall Workshop

Learn how to build a dry stone wall at Singer Farms during a two-day 'hands on' workshop on **Saturday and Sunday September 12 and 13**. No mortar makes for a beautiful, natural and weather tolerant structure, which is one of the oldest and simplest natural building techniques. World class stone mason Jason Hoffman will show us how it is done. [You can check out his work here](#). Cost is \$300, which includes lunch on both days and dinner on Saturday. Workshop will be held at Singer Farm Naturals, 6730 Lake Road, Appleton, NY 14008. For info, contact Vivianne Szulist at (716) 725-7953 or visit [workshop](#).

Great Lakes Beach Sweep Volunteer Opportunities

Volunteers can help clean up our local shores on **Saturday, September 19th** from 10am to noon. Many locations are available. For locations south of Buffalo, check out <http://greatlakesbeachsweep.org/>. Buffalo Niagara Riverkeeper coordinates locations around the city and suburbs and registration is available at <http://bnriverkeeper.org/cleanup/>.

Paws in the Park

Register for the 22nd Annual Paws in the Park fundraiser for the Erie County SPCA on **September 26** at Beaver Island State Park. This year's Paws in the Park will feature demos and activities in addition to the walk. Check out the event schedule [HERE!](#)

Gardening Courses for Fall-Registration Available

The Buffalo & Erie County Botanical Gardens will offer their popular horticulture classes this fall, beginning in September. Classes meet from 11am-1pm on select Saturday. A reduced cost is available for the series or registrants can select individual courses. To view the schedule and/or register, visit www.buffalogardens.com/collections/adults

Save The Date! Buffalo LISC Community Development Awards

The Buffalo LISC Community Development Awards recognize both individuals and organizations who have made significant contributions to comprehensive community development in the Buffalo Metro area through their leadership, innovation, and collaboration. The Awards breakfast will be held on **Thursday October 1st 2015** at The Foundry Hotel & Banquet at 1738 Elmwood at 8:30am. Visit the [Buffalo LISC website](#) for additional information.

Becoming an Outdoors Woman: Registration Open

The registration materials for the **October 2-4, 2015** Becoming an Outdoors-Woman workshop at Silver Bay YMCA on Lake George are at [registration](#) Space is limited to 125. Exciting classes are offered on a range of topics. For questions or to submit registration, contact Kelly.stang@dec.ny.gov

NYS Ornithological Association 68th Annual Meeting and New State York Birders Conference

This year's NYS Ornithological Association annual meeting and New State York Birders Conference will be held **October 2-4, 2015** at the Holiday Inn, 205 Wolf Road, Albany, NY 12205. All birders and guests are welcome. <http://nybirds.org/index.html>.

2015 New York State Conference on the Environment

The 2015 New York State Conference on the Environment will take place **October 15-17, 2015** at the beautiful Coltivare event center in Ithaca, NY. The annual New York State Conference on the Environment is the best way for you to explore the latest environmental trends, techniques, and approaches in New York State. You'll connect with people who care about what you do, explore new areas of environmental stewardship, and deepen your understanding of modern environmentalism in one of America's smartest communities. For info, visit <http://www.nysaccny.org/2015-conference-on-the-environment>.

New Building Energy Master Series Online Courses

The Northeast Sustainable Energy Association, in partnership with Heatspring, is offering three excellent online courses this fall. All courses start **September 14**. Limited discounts are available. Courses are “Passive House in the Real World, Deep Energy Retrofits and Building Energy Analytics: Measuring & Understanding Building Energy Use. Course details and registration available at <http://nesea.org/BEMS>.

Online Boating Safety Course Available

An “Online Boating Safety” course now provides an option to the 8 hour classroom-based course. Anyone born after 1996 needs a boating safety certificate before operating a motorboat. Info on the course is available at <http://parks.ny.gov/recreation/boating/boating-safety-class.aspx>.

Greenbuild 2015-Scholarships Available

Greenbuild is the premier event for sustainable building and the world's largest conference and expo dedicated to green building. The U.S. Green Building Council (USGBC) will be providing scholarship opportunities to attend Greenbuild 2015 which will be held **November 18-20** in Washington, DC. Scholarships are available for students, emerging professionals, faith leaders, community developers and non-traditional professionals. They are competitive, and preference is given to those with a demonstrated need who represent under-served people and communities. They also allow USGBC to invest in individuals who share our vision and want to be champions for the movement. For more information, visit [scholarships](#).

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. Worldwide, roughly one third of food produced for human consumption is lost or wasted. For more info, <https://www.facebook.com/BuffaloFNB>

Blue-Green Algal Bloom Notices

New information about lakes with blue-green algae bloom notices are now posted on the [DEC Blue-Green Algal Bloom Notices webpage](#). If you suspect you have seen a blue-green algae bloom, or you, your family, or pet has been in contact with a blue-green algae bloom, please follow the [instructions for reporting a bloom to DEC](#).

Recycle Sneakers and Raise Funds for your Group

The Summer Sneaker Challenge is underway until August 31. Over 100 organizations have joined the effort and ShoeBoxes are arriving daily. Your organization will earn \$1.00/pound for all gently used sport shoes - basketball, running, tennis and more. So time to collect used shoes and earn \$\$\$. [Info](#)

Aquarium of Niagara Special Programs

Three different opportunities at the Aquarium of Niagara allow you to have a unique visit with interactions with marine wildlife. They offer “Meet a Seal”, “Meet a Penguin” and “Behind the Scenes Tours”. Age limits and advance reservations are required for these special programs. Call 716-285-3575, ext. 206 for reservations and more information.

Story of Stuff Project Releases Plastic Microbead Film

The Story of Stuff Project released a new 2-minute Story of Stuff movie about plastic microbeads—the nasty little bits of plastic that companies have been putting in everything from body washes and hand soaps to toothpaste and make up. Visit their site (<http://storyofstuff.org/>) to view the film (and other films if new to you) to learn more about the environmental problems associated with these small pieces of plastic.

Infection is Killing Eastern US Snakes

A “snake fungal disease,” or SFD, has now been identified in at least 15 states. Eastern Massasaugas and timber rattlesnakes have had severe skin lesions and swelling with the infection affecting the snakes’ muscles and bones. Other types of snakes suffer differently. Garter snakes, rat snakes, and ribbon snakes have all also succumbed to SFD, but the infection causes pneumonia and eye infections, and at least one garter snake also suffered a liver infection. Details about the fungus that causes SFD (*Ophidiomyces ophiodiicola*, or Oo) are lacking. Oo survives by eating keratin, the substance out of which human fingernails and snake scales are made; mortality appears to be 100 percent. As snake populations are already negatively impacted by climate change and human development, this disease may be particularly devastating. For info, visit [here](#).

Plastic Roads May be the Future

[Dutch firm VolkerWessels](#) claims to have a more sustainable solution to transportation infrastructure: turn recycled plastic into roads. The company claims that their PlasticRoads, which are still in the conceptual stage, hold up to temperature swings as low as -40° F and as high as 176° F and would last three times as long as asphalt. Perhaps this may be the end of potholes for Buffalo!

New York Purple Martin Project

The New York State Purple Martin Project is a collaborative effort of partners educating citizens about the conservation of Purple Martins, with the goal of increasing the declining Purple Martin populations throughout New York State. Friends of Iroquois volunteers have counted 500 Purple Martin eggs laid this spring on refuge and NYS property. The birds may surpass their 2014 egg total of 563 eggs laid. If you see any green-banded Purple Martins, call Carl Zenger at 585-948-5445, x 7057 or email nyspurplemartins@gmail.com to report.

NYS Legislature Passes Tax Breaks for Homeowners Installing Geothermal Heat Pumps

The New York State Legislature has passed two measures to encourage New Yorkers to install geothermal heat pumps (GHPs). The bills would give building owners who install GHP systems the same tax breaks as currently offered for solar photovoltaic (PV) systems. GHP systems provide ultra-efficient heating, cooling and hot water for buildings by using the near constant temperature of the ground as a heat source in the winter and as a heat sink in the summer.


Resources and Recognition for Creating Sustainable New York Communities

City of Troy, NY-based non-profit [Audubon International](#) helps communities around the globe plan for a more sustainable future through its [Sustainable Communities Program](#). Members receive technical assistance in the form of program handbooks which provide guidance on best practices across all aspects of a community including a structure for planning and citizen engagement. Through the Program, member communities engage local residents and partners, establish priorities based on a shared vision, develop a plan, and take action that leads to meaningful results. Communities that follow this process are then eligible for certification as an Audubon International Sustainable Community which helps communities enhance and promote tourism that draws on and preserves local assets. Whether the focus is ecotourism, civic tourism, cultural and historic tourism, and/or adventure travelers and businesses, these are all growing areas for a healthy, diversified local economy. Certification provides third-party recognition for leadership in sustainability, and Audubon International helps you identify opportunities to tell your community’s story to a wider audience. For more information about the Sustainable Communities Program, visit [Audubon International online](#) or contact Joanna Nadeau at (518) 767-9051, EXT. 124.

Fannie Mae Energy and Water Efficiency Financing

The Fannie Mae Green Initiative provides financing for apartment buildings and cooperatives to invest in energy and water-cost saving improvements because these improvements lower utility costs, improve the quality of housing and lower risk. Fannie Mae provides valuable green financing solutions and tools to support the multifamily property owners, including: Reducing the all-in interest rate by 10 basis points for [Green Financing Loans](#) and loans on properties with a Green Building Certification. Fannie Mae also provides multifamily owners Green Financing Loans through the [Green Preservation Plus and Green Rewards](#) program.

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 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](#) .

Solar Financing Toolkit for Local Governments

In an effort to reduce solar soft costs and assist local governments and other public entities seeking to install and finance rooftop solar systems, the Interstate Renewable Energy Council (IREC) has developed a comprehensive toolkit <http://www.irecusa.org/solar-power-purchase-agreements-a-toolkit-for-local-governments/> on retail solar power purchase agreements (PPAs). The end goal, in line with the DOE SunShot Initiative goals, is to simplify, streamline, and reduce costs for solar.

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: [courses](#).

Great Lakes Restoration Initiative is Accelerating Great Lakes Cleanup and Protection

During its first five years, the Great Lakes Restoration Initiative has implemented more than 2500 projects to improve water quality, clean up contaminated shoreline, protect and restore native habitat and species and prevent and control invasive species in the Great Lakes. A summary of the progress is available [here](#). More information about the Initiative, including an interactive project map, is available at www.glri.us.

"Being Prepared For Climate Change: A Workbook for Developing Risk-Based Adaptation Plans"

"Being Prepared For Climate Change: A Workbook for Developing Risk-Based Adaptation Plans", a product of the EPA Climate Ready Estuaries Program, provides much needed guidance for any place-based organization about how to conduct risk-based climate change vulnerability assessments and developing adaptation action plans. It is an ideal tool for communities or organizations that manage places, watersheds, or coastal environments. Previously recorded webinars and other Climate Ready Estuaries Program resources are also available on this site. Click [here to access the workbook](#).

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.

Start a National Green Schools Chapter at Your School

Now is the time to sign up for a National Green Schools Society Chapter for your school and students. Complete a [NGSS Application](#) TODAY.

Science Case Study Teaching Conference

The Fall Case Study Teaching in Science Conference will be held **September 18-19, 2015** at the Ramada Inn and Conference Center in Amherst. The conference offers sessions for both the beginner and advanced case study teacher and is formatted for college and high school teachers. It is relevant and recommended for all STEM teachers. The conference is open to anyone interested in science education, including high school teachers and international teachers. It also includes a poster session and we would be pleased if you submitted a proposal by September 1, 2015. To register visit <http://sciencecases.lib.buffalo.edu/cs/training/conference/>.

Teacher's Resources

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

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

[Living Schoolyard Month DIY Lake Science App](#)-Investigate freshwater ecosystems where you live with this new DIY Lake Science App from UC Berkeley's Lawrence Hall of Science, funded by the National Science Foundation. The field adventures include making a viewscope to look for underwater plants and animals and crafting a Secchi disc used in measuring water clarity. The app also includes indoor activities.

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

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

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

[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.

[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.

[Technology in Environmental Education Course](#)-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.

[New Enviro App: Habitat the Game](#)-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.

[Free ArcGIS for K-12](#) -Esri is providing free ArcGIS Online subscriptions for instructional 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 [here](#).

[Teaching Climate Change Using the National Climate Assessment Report](#)- 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 [here](#)

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

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

["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.

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

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

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

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

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

Contests and Awards

[2015 Erie Canalway Photo Contest](#) - It's time to get out your camera, explore the Erie Canalway, and take a shot at our 10th annual Photo Contest! Winning images will be featured in our 2016 Erie Canalway Calendar. Amateur and professional photographers are invited to submit images in four contest categories: On the Water, Along the Trail, Canal Communities, and Classic Canal. **Entries due by August 28, 2015**

[Iroquois National Wildlife Refuge Amateur Photography Contest](#)- All entries must be taken in public areas or during events at Iroquois National Wildlife Refuge between September 1, 2014 and August 31, 2015.

[Environmental Excellence Awards Program](#) recognizes exceptional projects carried out by municipal, county, and regional governments and non-profit organizations that, through careful planning and execution, stand to have a significant and lasting positive impact on the natural environment. We invite you to nominate your project for consideration in this year's Environmental Excellence Awards Program. To complete an awards nomination form online, [click here](#). Due by **Sept. 30**.

Grant and Scholarship Opportunities

[ABC Summer of Creativity Grants](#)- Creativity gives you the power to help shape a better world. YSA, in partnership with ABC and Disney Friends for Change, can help you create the future you imagine. Young changemakers can now apply for a \$500 Summer of Creativity Grant to support a service project that makes your community greener, safer, smarter, healthier, cleaner, or fairer. **Deadline: August 10**

[Department of Homeland Security and FEMA Announce Flood and Pre-Disaster Mitigation Grants](#) offers funds to state, local, and tribal governments to implement and sustain cost-effective measures that minimize or negate the risk of flood damage or to implement and sustain cost-effective measures designed to reduce the risk to individuals and property from natural hazards. Due: **August 28, 2015**.

[Water Infrastructure Grants](#)-The New York State Environmental Facilities Corporation (EFC) and the New York State Department of Health (DOH) have announced that \$50 million in water infrastructure grants now available for local governments for critical water and wastewater infrastructure upgrades. Applications for both wastewater and drinking water projects are now available and due by **September 4, 2015**.

[Great Lakes Restoration Initiative Project Grants](#)- This round of funding will be used to target invasive species and to reduce runoff in urban and agricultural watersheds for state, tribal, interstate and local governmental agencies, institutions of higher learning and other nonprofit organizations. Applications are due **September 28, 2015**.

[Lorrie Otto Seeds for Education](#)- gives small monetary grants to schools, nature centers, and other non-profit and not-for-profit places of learning in the United States with a site available for a stewardship project. Successful non-school applicants often are a partnership between a youth group (scouts, 4-H, etc.) and a site owner. **Deadline: Oct. 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.

[American Honda Foundation](#) 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.**

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

[The Karma for Cara Foundation](#) is encouraging kids 18 and under to apply for funds between \$250 and \$1,000 to complete service projects in their communities. 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.**

[VolunTEEN Nation International Service Project Grants](#)- 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.**

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

[Karma for Cara Foundation Micro-grants](#) 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.**

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

[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.

[KaBOOM! Let's Play Engineered Wood Fiber Surfacing Grants and Let's Play Maintenance Grants](#)-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.

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

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

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

[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> .

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

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

Employment and Internship Opportunities

[AmeriCorps Positions](#)-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 [AmeriCorps VISTA Summer Associate program](#). 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 [Segal AmeriCorps Education Award](#) or post-service stipend.

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

[Biologist 2 Position](#) -- NYS Department of Environmental Conservation is hiring a Biologist 2 for their Allegany office. Application deadline- **August 7.**

[Buffalo Niagara Riverkeeper Internships](#)- Interns needed for different positions including photography, communications, planting, hydrology data collection. Application deadline- **August 7.**

[Executive Director for Batavia Housing Authority](#)- will have full and complete responsibility for all aspects of the Authority's operations, including but not limited to property management, procurement, planning, personnel, budgeting/finance, grants/contracts, resident and community relations and the implementation of policies and procedures to assure decent, safe, and sanitary housing for all residents. Deadline: **August 18, 2015.**

[Senior Community Housing Planner, City of Rochester](#)- Deadline: **August 3.**

[PUSH Development Assistant](#)-The Development Assistant is responsible for assisting the Executive Director with fund development, fundraising, and special events. The Development Assistant plays an integral role in expand our funding base, developing strategies to attract new funders, and implementing these strategies. This person will create communication pieces to update current and prospective funders about our programs. Finally, the successful candidate will assist with organizing and staffing development events. The Development Assistant works under the supervision of the Executive Director and closely with all program directors, and often with the general staff, and Board of Directors of PUSH.

[Lead Community Solar Energy Advocate](#)-Reports to PUSH (People United for Sustainable Housing) Green Director, Contributes to strategic planning efforts that seek to provide outreach and education for the PUSH Green Solar PV program within targeted communities.

Citizen Science

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

[Woodpecker Damage Surveys](#)-Calling all birders: Report woodpecker damage due to Emerald Ash Questions? Contact: imapinvasives@nynhp.org 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.

[Great Sunflower Project for Pollinators](#)- Help collect data on pollinators and/or create pollinator habitat. You can also download bee identification cards from their site [here](#). June 15-21 is Great Pollinator Count week. Volunteers are needed to do a pollinator count on as many different kinds of plants as possible. Five minutes per plant is all that you need to do.

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 agenda and see a list of working groups [here](#) .

Upcoming Community Activities:

Saturday, August 1

Burgeson Wildlife Sanctuary: Botanical Field Trip—8:30am at Audubon Nature Center near Jamestown. A 650 acre preserve with 5 miles of easy (some paved) trails through wetlands. Bring lunch. Meet at Home Depot on Mile Strip Rd just east of I-90 Blasdell exit. Leader: Joanne Schlegel, 835-6042.

Fairy Houses at Amherst State Park-10:00 a.m. Join a naturalist from Reinstein Woods Nature Preserve in creating a “house” to attract nature's fairies--butterflies! For kids ages 5 to 10. Reinstein Woods Nature Preserve. Registration required; call 716-683-5959.

Introduction to Herbal Concoctions- 1:00pm to 3:30pm at the Roycroft Campus Power House. A hands-on workshop in which students will become acquainted with incorporating common herbs into simple preparations for body care and overall general health. Further information and registration [here](#)

Black Rock & Riverside Garden Tour- 10am to 4pm. Free. Pick up maps from 10 a.m. to 4 p.m. Aug. 1 at St. Mark's/All Saints Church, 311 Ontario Street, Buffalo or the Buffalo Religious Arts Center, 157 East St., Buffalo. You can also get maps ahead of time at a local vendor or by calling Councilmember Golombek's office at 851-5116. Daytime tours of the Buffalo Religious Arts Center will be led by docents, with an admission of \$8 per person. For more info, contact Councilman Joe Golombek at 851-5116 or email brrtourofgardens@yahoo.com.

Black Rock & Riverside Starry Night Garden Tour- 8 to 10pm. Free. See above.

Walk at Knox Farm State Park— a Buffalo Audubon Event from 9-10am. Donations. Knox Farm State Park – 437 Buffalo Rd., East Aurora. Please call 585-457-3228 for info. Meet in the main parking lot.

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.

Fly Fishing 101 – Orvis Store at 4545 Transit Road, Williamsville, NY 14221 from 8 to 10am. Class spaces are limited. Call or stop by to reserve a spot or [sign up online now](#). Learn fly-fishing basics in one of our free Fly Fishing 101 classes. Perfect for beginners of all ages, the Fly Fishing 101 course includes free lessons on fly casting and outfit rigging.

Massachusetts Avenue Project Farm Tour- 10:30am, no sign up necessary, dress for the weather. \$2. <http://mass-ave.org/> 389 Massachusetts Ave. Buffalo, New York 14213

Buffalo Beyond Flowers: Sustainability in Action Tour -Buffalo's gardening roots go much deeper than flower gardens. On this tour you'll learn about different groups' projects in urban farming, community gardening, creating community through parks, soil phytoremediation/reclamation, rainwater retention, roof gardening and more. Sunday, August 1, 10 a.m. to 3 p.m. \$35, includes roundtrip transportation, tour guides, and a box lunch. [Find out more and sign up online](#)

RestoreCorps Volunteer Event-Help Buffalo Niagara Riverkeeper remove invasive species at the RiverBend Phase I site at 1140 South Park Avenue. Info and registration link at <http://bnriverkeeper.org/restorecorps/>. 10am to 12:30pm.

Painting in Pelion- 2 p.m. in Pelion Community Garden, across from City Honors School, 206 Best St., Buffalo. There are lots of ripe veggies and flowers in bloom to inspire art-making, art-experimenting, art-playing and even art-spectating. The public can come to this free event.

Beach Cleanup- Alliance's Adopt-a-Beach and Barefoot Wine are hosting a public cleanup from 1-3pm at Erie Basin Marina. Emerald Beach-329 Erie St. with a celebration following.

Fabric Dyeing Class-10am – 4pm at The Foundry. Class taught by Amanda Hippert. Learn to use three natural dyes. -Japanese Indigo - Marigold Flowers - Brazilwood - We will be working with all sustainable methods on dyeing, with natural mordants from local plants, plants and protein fibers will be provided as part of the material fee for you to experiment with. Space is limited to 15 people. Purchase tickets: http://www.thefoundrybuffalo.org/fabric_natural_dyes

Zooper Saturday-Featuring M&T Bank Rainforest Falls. Join us for activities in M&T Rainforest Falls, including animal enrichment and keeper talks, featuring a variety of your favorite animals. The event runs from 11:00 a.m. until 3:00 p.m. and is free with Zoo admission. Please call the events office at (716) 995-6133 for more information.

Sunday, August 2

WNY VegFest- 10am-6pm. FREE ADMISSION! Delaware Park-Marcy Casino. Tofurky Trot 5K Run/Walk. This year's theme: A Plant Based Lifestyle and its Benefits in an Age of Climate Change!
<http://www.wnyvegfest.com/>

Family Walk at Beaver Meadow – 2pm. Guided walk led by one of our naturalists through the Preserve. (BM) Donations. www.buffaloaudubon.org (585) 457-3228.

Introduction to Herbal Concoctions – 1:30 to 4pm at Beaver Meadow Audubon Center. A hands-on workshop in which students will become acquainted with incorporating common herbs into simple preparations for body care and overall general health. The program will include a discussion on several wild and cultivated herbs and their health benefits plus the various methods that can be used to create basic herbal preparations. Additionally, participants will work together to make a number of easy concoctions, such as lip balm, salves, moisturizers and infusions, and be able to take samples and recipes home with them. Pre-registration is required. (BM) Fee: \$25 (\$15 class, \$10 supplies). (585) 457-3228

Bill Watson Memorial Weekly Waterbird Count- Join the Buffalo Ornithological Society to help count Great Egrets and other colonial nesting waterbirds on the upper Niagara River and around the Iroquois NWR complex as they return to communal roosts starting approximately hour prior to sunset. Contact Jim Pawlicki (jmpawli10@gmail.com; Niagara River) and/or Celeste Morien (celeste.morien@gmail.com; Iroquois NWR) to coordinate count efforts and data compilation.

Monday, August 3

“Solar City Jobs”- Sierra Club Climate and Clean Energy Writers’ Group will host Christopher Schoepflin, WNY Regional Director of Empire State Development, who will speak on the Solar City project, skills needed for jobs in the solar field and how renewable energy fits New York’s economic development strategy. This free public event will be held in the Sanctuary from 6:00 pm to 7:30 pm at UU Church, Elmwood Ave. at West Ferry, Buffalo. Contact billnowa@gmail.com for info.

Slow Roll Buffalo-Join fellow bikers every Monday to October 26 at rotating venues in Buffalo. Everyone is welcome to ride, the slow pace of 8-10 mph invites ALL riders to join! All ages, all types of bikes, all experience levels. 6:00pm meet; 6:30pm roll. Presented by Independent Health. For info and to confirm location, visit <http://slowrollbuffalo.org/>. Location: Larkin Square.

Buffalo Animal Adventures: North American Journey- Journey through the wilds found across North America. Meet live animals that have made their homes not too far from yours. Sponsored by the Friends of the Aurora Town Public Library. 6:25pm at the Aurora Town Library for all ages.

Water Chestnut Removal Volunteers- Needed at Jamestown Audubon Center from 8:30am to 12:30pm. If you would like to help and evenings are better for your schedule, call the Nature Center at (716) 569-2345 and leave your name, phone number and e-mail address. For more info and for future pull dates, visit www.jamestownaudubon.org and click on “Waterchestnut Pulls.” The Audubon Nature Center is at 1600 Riverside Road, one-quarter mile east of Route 62 between Jamestown, and Warren, Pennsylvania.

Tuesday, August 4

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.

Massachusetts Avenue Project Farm Tour- 4pm, no sign up necessary, dress for the weather. \$2.
<http://mass-ave.org/> 389 Massachusetts Ave. Buffalo, New York 14213

Annual Tuesday Evening Stress Reducer Paddle-Join guides and instructors of Paths, Peaks and Paddles on Ellicott Creek. We meet at the store (1000 Ellicott Creek Rd. Tonawanda) at 6:00pm and take a paddling trip on Ellicott Creek up and around the big island. All are welcome, if you have your own boat (canoe or kayak), there is no charge. It does not matter if you are a beginner or a seasoned paddler, come join us every week for good conversation and most importantly some fun, after all "You deserve a good paddling". No drugs or alcohol on the water. You must wear a PFD properly. No Electronics (Cell Phones I-Pods). If you need to rent, the cost for a solo boat is only \$25.00 per boat or \$35.00 for a tandem. The boat rental includes paddle(s) and PFD(s). **RESERVATIONS ARE A MUST IF YOU ARE RENTING**
CALL: 716-213-0350.

"Bikes Versus Cars"-Film screening at 6pm at the Central Library's Mason O. Damon Auditorium. Please join us for a one-night screening event of fifteen experimental short films by Stephen Broomer projected in 16mm. The director will be in attendance to introduce his films and conduct a post-screening Q&A. Cyclists are also welcome to join Cultivate Cinema Circle for a group ride to Hydraulic Hearth afterwards for discounted drinks with your ticket. Attendees are welcome by car and foot too.

Nature Ed-Ventures Science Wonders-2:00 PM - 3:00 PM at Newstead Public Library. Have an explosive good time! Build a lava tube, make elephant toothpaste and much more! Call 542-2327 to join in the fun! Ages: Children

Buffalo Zoomobile- 11am at St. Agatha's Hall, 53 Alamo Place. Free event and open to all.

Buffalo Zoomobile- 2 to 3pm at Frank E. Merriweather, Jr. Library. "Predator vs Prey" a fun & educational program featuring live animals.

Ag Science Heroes: Magnet Fun- 2 to 3pm at Marilla Free Library. Discover the superpower of Magnets! Find out how magnets work. Build an electromagnetic motor, make a painting with a magnet, and more! Join Miss Shannon for Science Heroes for children ages 6-12. Registration is required, space is limited. Call 716-652-7449 for more information. Ages: Children.

SPCA Wildlife Program- 3 to 4pm at the Kenilworth Library, 318 Montrose Ave., Tonawanda, NY. A wildlife educator from the SPCA serving Erie County will discuss the kinds of animals they receive and how they rehabilitate them for release back into the wild. You will also be able to view some of their non-releasable animals. This program is free. No registration necessary. All ages welcome. Call the library at 834-7657 for more info.

What's Bugging You?- A presentation in the new series called "Garden Talk," will be held 12:15 – 12:45 p.m. at the Cornell Cooperative Extension of Genesee County, 420 East Main Street, Batavia. There will be a 30-minute talk on variety of garden related topics. Taught by Master Gardeners, these will be held during the lunch hour, so bring your lunch to the Cornell Cooperative Extension office. This free series is open to the public and registration is not required.

Water Chestnut Removal Volunteer Opportunity-Volunteers are needed - your help is needed to stop this invasive species in the Genesee River! Please consider helping this important initiative. Volunteers are encouraged to bring their own canoes and/or kayaks if they have them. Availability of watercraft is limited. Please contact Heidi Himes (heidi_himes@fws.gov / [585 948-5445 ext. 7054](tel:5859485445)) for more information and to RSVP. Directions: Please park at the Gibbs Marine on the Genesee River at 9am, using the address 110 Petten St., Rochester, NY 14612 will get you to the general area. Just turn right when Petten reaches a 'T'.

Wednesday, August 5

Greater Buffalo Niagara Regional Transportation Council Meeting- 9:30 AM . Public Welcome. 716-856-2026. NFTA Board Room, 181 Ellicott St., Buffalo.

Habitat Group Meeting for WNYEA at Times Beach-Public welcome. Probable release of Monarch Butterflies at Times Beach Nature Preserve for 4:30 pm at Times Beach, followed by 6pm tour of nature preserve and 7pm meeting at Sail Buffalo which is located at the end of Fuhrmann Blvd across the street from Times Beach. Directions for Times Beach at <http://www.friendsoftimesbeachnp.org>. If possible, RSVP to greenwatch100@gmail.com.

Stroller Strut- 10:00 a.m. Bring a stroller or wagon and share a sensory exploration of nature with your young child. For kids ages 3 and under. Reinstein Woods Nature Preserve. Registration required; call 716-683-5959.

Senior Stroll-10:30 a.m. Enjoy a leisurely guided walk through the woods, then eat lunch outdoors with fellow seniors. (Lunch not included). Reinstein Woods Nature Preserve. Registration required; call 716-683-5959.

Riverkeeper Bike Tour- 5:45 to 8pm at Canalside. A professionally guided, bike tour. Spots on our tours are limited. www.bnriverkeeper.org/rivertours

RestoreCorps Volunteer Event-Help Buffalo Niagara Riverkeeper remove invasive species at the RiverBend Phase I site at 1140 South Park Avenue. Info and registration link at <http://bnriverkeeper.org/restorecorps/>. 10am to 12:30pm.

Science Heroes: Magnet Fun- 2:00 PM at Clarence Public Library. Discover the superpower of Magnets! Find out how magnets work. Build an electromagnetic motor, make a painting with a magnet, and more! For ages 6 to 12. Registration begins July 2.

A Science Wednesdays-3 to 4pm at Orchard Park Public Library. Is it science or magic? Explore the "magic" of physics, biology, ecology, and chemistry through topics such as light theory, pressure, polymers, chemical reactions, and biological phenomenon. This program presented by the Buffalo Museum of Science! Registration is required and will begin on Wednesday July 22. This program is intended for children and families ages 3 - 12.

Cold Blooded Critters with the Beaver Meadow!- 4:00 PM at Julia Boyer Reinstein Library. "LIVE" reptiles and amphibians at the library! ALL AGES! Registration is required. Stop by the library or call (716) 668-4991 to register. All Ages.

Wednesdays in the Nannen Arboretum: "Proven Winners"- 7 to 8:30pm at Nannen Arboretum in Ellicottville. Free to the public. www.nannenarboretum.org Shanna Clark, from Miller's Greenhouse in Olean NY, worked in Michigan with 4 Star Greenhouses testing the Proven Winners plants before they come to market. She will share with us her expertise working with annuals.

Thursday, August 6

Volunteers for Plant Removal-The Land Conservancy is looking for volunteers to help with invasive species eradication at our preserves this summer. We will be working at the Niagara Escarpment Preserve in Lockport on Thursday, August 6 and Friday, August 7. Volunteers will need boots and gloves. If you would like to lend a hand on any of these days, please let us know!info@wnylc.org or 716 687 1225. [\(716\) 687-1225](tel:7166871225)

Science Heroes-10:30 AM - 11:30 AM at Boston Free Library. Magnets have superpowers of their own! Learn about the discovery and development of magnets. Put the power of magnets to the test by building a magnet motor, use a magnet to create a painting, and make a refrigerator magnet. Ages 6 - 12 Registration Required.

Science Heroes Magnet Fun- 11:00 AM - 12:00 PM at Central Library. Magnets have superpowers of their own. Learn about the discovery and development of magnets. Put the power of magnets to the test by building a magnet motor, use a magnet to create a painting and make a refrigerator magnet. Groups of 6 or more, please call 858-7192 to register. Ages: Children.

Science Heroes- 11:00 AM - 12:00 PM at West Seneca Public Library. Learn about the science of magnets. Youth event.

Hawk Creek's "Talk on the Wild Side"- Join us as the Hawk Creek Wildlife Center presents "Talk on the Wildside" where you can view & learn about a variety of wild life animals and birds of prey up close at the Kenmore Library, 160 Delaware Rd., Kenmore, NY on Thursday, August 6, 2015 at 1 pm. This program is free. No registration necessary. All ages welcome. Call the library at 873-2842 for more info.

Super Animals!-2pm at Julia Boyer Reinstein Library. Move over, superheroes! Animals have their own powers that would challenge even the greatest of Earth's defenders. Come join us at the library for stories, games, and crafts that will demonstrate some of the wild abilities you can find in the animal kingdom. AGES 3-8. Registration is required. Call (716) 669-4991 or stop by the library to register. Space is limited!

Zoomobile: Predator vs Prey-2 to 3pm at Elma Public Library. Experience the unique relationship between the hunter and the hunted and why each needs the other to survive. Registration required. Register in person or by calling 652-2719. Ages: Children.

Hawk Creek's "Talk on the Wild Side"- Join us as the Hawk Creek Wildlife Center presents "Talk on the Wildside" where you can view & learn about a variety of wild life animals and birds of prey up close at the Kenilworth Library, 318 Montrose Rd., Tonawanda, NY at 3 pm. This program is free. No registration necessary. All ages welcome. Call the library at 834-7657 for more info.

Oil Train Discussion- 6:00 PM - 7:30 PM at Crane Branch Library. Food & Water Watch conducts this meeting focused on Oil Trains. This is not a library sponsored event. Please call Judy Fitzgerald at 875-5645 for more information. Ages: Adult

Water Chestnut Removal Volunteers- Needed at Jamestown Audubon Center from 8:30am to 12:30pm. If you would like to help and evenings are better for your schedule, call the Nature Center at (716) 569-2345 and leave your name, phone number and e-mail address. For more info and for future pull dates, visit www.jamestownaudubon.org and click on "Waterchestnut Pulls." The Audubon Nature Center is at 1600 Riverside Road, one-quarter mile east of Route 62 between Jamestown, and Warren, Pennsylvania.

Friday, August 7

Volunteers for Plant Removal-The Land Conservancy is looking for volunteers to help with invasive species eradication at our preserves this summer. We will be working at the Niagara Escarpment Preserve in Lockport on Thursday, August 6 and Friday, August 7. Volunteers will need boots and gloves. If you would like to lend a hand on any of these days, please let us know!info@wnylc.org or 716 687 1225.

Wellness Walk at Tiff-10 am to noon. Drop by Tiff 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.

20th Annual Thursday Evening Stress Reducer Paddle-Come join the Paths, Peaks & Paddles guides and instructors for our Thursday evening STRESS reducer paddle for relaxation, stress relief or just plain FUN. We meet out in Wilson at the Wilson Tuscarora State Park (Route 18 East of Niagara Falls) at 6:30pm in the back parking lot. We will either take a paddling trip on either the East or West Branch of Twelve Mile Creek. No drugs or alcohol on the water. You must wear a PFD properly. All are welcome if you have your own boat (canoe or kayak) there is no charge. If you need to rent one, the cost is only \$30.00 per boat solo or \$40.00 tandem delivered to Wilson for you, includes paddle(s) and PFD(s). We will bring the rented boat out to you! RESERVATIONS ARE A MUST IF YOU ARE RENTING at 716-213-0350.

Counterfeiter's Ledge Work Day in Akron- 9:30 am – 12 pm, [Register](#). Help Nature Conservancy staff and volunteer stewards manage this botanically diverse preserve. We will be removing non-native and invasive autumn olive shrubs that are outcompeting native vegetation. As a bonus, our expert volunteer stewards will provide the group with a botanical history and tour of this ecologically significant preserve.

Take a Hike: Born to be Wild!- 5 to 7pm at [Artpark State Park](#). Get in touch with your wild side and explore where the falls was born nearly 12,000 years ago along with a park naturalist and fellow hiker enthusiasts. *For information and registration call (716) 282-5154.*

Wright by the River- 7 to 9pm. Enjoy a midsummer evening at the Frank Lloyd Wright-designed Fontana Boathouse with live music and wine, beer, and hors d'oeuvres as the sun sets on Lake Erie and the Niagara River. The Fontana Boathouse is one of the best places in Western New York to watch the sunset! The Buffalo Maritime Center will offer short cruises on the Black Rock Channel aboard the Electra. Also open to tour inside will be the historic West Side Rowing Club, adjacent to the Fontana Boathouse. Included in admission is two drink tickets for beer or wine along with hors d'oeuvres and live music. General Admission: \$25, Season Pass Admission: \$20, All tickets at the door: \$30, [Reserve now!](#)

Saturday, August 8

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.

Green Humboldt Parkway! –Restore our Community Coalition March and Rally from 1 to 2pm. Participants will march along Humboldt Parkway (beginning at Riley Street), up to the Science Museum, where a rally will be held on the east lawn. <http://roccbuffalo.org/event/rocc-march/>

Massachusetts Avenue Project Farm Tour- 10:30am, no sign up necessary, dress for the weather. \$2. <http://mass-ave.org/> 389 Massachusetts Ave. Buffalo, New York 14213

Birding at Buckhorn Island State Park – 9am to noon. Join Naturalist Tom Kerr for a summer walk through Buckhorn Island. See the many species of songbirds that make their summer home along the Upper Niagara River, as well as an Osprey and Pied-billed Grebes nesting colony. Binoculars available for loan. Meet at Woods Creek Canoe Launch on East-West Park Road. Donations. (585) 457-3228

Birding at Delaware Park – 2 to 4pm. Join Naturalist Tom Kerr as we search for summer migrants in Delaware Park. Binoculars available for loan. Meet at the Hoyt Lake steps. Donations. (585) 457-3228

Instagram Nature! – 2 to 4pm. Join Artvoice's Best of Buffalo Best Instagram - buffalony (aka Kevin Rybczynski) for a walk around the trails at Beaver Meadow Audubon Center as he shares tips and techniques to take the best photos on your smart phone using Instagram and other free filters. With over 15K followers, Kevin's work has been highlighted across the country to represent the City of Buffalo. Space is limited for this very special event! Pre-registration is required. (BM) Ages 16 and up. \$5(585) 457-3228.

Paddle at Lower Niagara River at Youngstown- 9:15-11:30am, Registration required at <http://bnriverkeeper.org/rivertours/paddle/>

East Side Momentum Tour-9am to 1pm at 840 Seneca St., Buffalo. As the mega projects continue around downtown Buffalo, equally important work is happening on a smaller scale in other parts of the city - specifically on Buffalo's East Side. You'll see innovative gardening projects - large-scale urban farming, a gardening-based community center, the [Pelion Community Garden at City Honors School](#), the Farmer Pirates' ArtFarms projects, an Olmsted Park, a Buddhist Temple and garden, and an inventive compost operation - and more! [Find out more and sign up online.](#)

Bees and Butterflies-10:30 a.m. Join an indoor learning experience about honey bees and monarch butterflies. Reinstein Woods Nature Preserve. Registration required; call 716-683-5959.

Fly Fishing 101 – Orvis Store at 4545 Transit Road, Williamsville, NY 14221 from 8 to 10am. Class spaces are limited. Call or stop by to reserve a spot or [sign up online now.](#) Learn fly-fishing basics in one of our free Fly Fishing 101 classes. Perfect for beginners of all ages, the Fly Fishing 101 course includes free lessons on fly casting and outfit rigging.

Summer Tree Tour- Buffalo & Erie County Botanical Gardens from 9:30am to 11am. \$5.00. 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. Reserve [here](#).

Oh Deer!- 2 to 3:30pm at [Knox Farm State Park](#). Join us for a hike at Knox Farm as we explore the history of the White-tailed Deer in New York and how they impact our forests. *For information and registration call (716) 549-1050.*

Crepuscular Hike to the falls-7:30 to 9:30pm at [Knox Farm State Park](#). In the blending of daylight and night, join us as we hike to the secret falls of Knox Farm. Star gazing to follow program weather permitting. *For information and registration call (716) 549-1050.*

Mid-Summer's Night Adventure: Annual Fossil/Astronomy program- 5 to 11pm. Collect fossils and after dark collect fossils by lantern light; bring your digging tools, plastic bucket, a lantern or flashlight. View Sunspots until dusk. After dark telescopes will focus on Saturn in the south, the open star cluster M4, next to the red star Antares (Heart of the Scorpion), near the zenith will be Hercules M13 and Lyra's Ring Nebula M57, view the Dumbbell Nebula M27 in the constellation Vulpecula, and a variety of other constellations. Some Perseid meteors may also be available. Penn Dixie Nature Center in Hamburg. www.penndixie.org

2nd Saturday Walk around Hoyt Lake-From great white and great blue herons to the site of the long-gone ornate Spire Head gazebo designed by Calvert Vaux, there are many features to discover in Delaware Park. Led by Brian Dold, Buffalo Olmsted Parks Conservancy's planning and design manager, 90-minute tours will depart at 10:00 a.m. and 1:00 p.m. from the grand staircase at Lincoln Pkwy and Hoyt Lake. Bring your picnic lunch! At 12:00 noon, between tours, Dold will relate additional history and stories about the city's parks, parkways and landscaped circles, the first integrated park system designed by Frederick Law Olmsted, America's foremost landscape architect. Participants are invited to bring a picnic lunch and gather behind the pergola in the Rose Garden at the top of Shakespeare Hill.

Super Animals- 1 to 2pm at Lake Shore Public Library. Move over, superheroes! Animals have their own powers that would challenge even the greatest of Earth's defenders. Come join us for stories, games, and crafts that will demonstrate some of the wild abilities you can find in the animal kingdom. Ages 3-8. Call 627-3017 to register.

Sunday, August 9

Turtle Tour-2 to 3:30pm at Tiff Nature Preserve. For ages 5+, embark on a turtle adventure through Tiff's wetlands. Pre-register at www.tiff.org. Cost.

Family Walk at Beaver Meadow – 2pm. Guided walk led by one of our naturalists through the Preserve. (BM) Donations. www.buffaloaudubon.org (585) 457-3228.

Bill Watson Memorial Weekly Waterbird Count- Join the Buffalo Ornithological Society to help count Great Egrets and other colonial nesting waterbirds on the upper Niagara River and around the Iroquois NWR complex as they return to communal roosts starting approximately one hour prior to sunset. Contact Jim Pawlicki (jmpawli10@gmail.com; Niagara River) and/or Celeste Morien (celeste.morien@gmail.com; Iroquois NWR) to coordinate count efforts and data compilation.

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

Geology Hike at the Kenneglenn Nature Preserve-10 am to noon. Led by Stan Radon, this hike features a walk right through Hunters Creek, views of the gorge walls, and a small waterfall at the [Kenneglenn Nature Preserve](#) in Wales. This popular hike is a great family outing on a hot August day. Register at (716) 687-1225 or info@wnylc.org

Monday, August 10

Sierra Club Energy Committee Meeting- 6:00 pm. Our monthly Energy Committee meetings focus on renewable energy solutions to climate change. We meet on the second Monday of each month. All are welcome to join us. Unitarian Universalist Church, 695 Elmwood at Ferry, use Garden Entrance, upstairs in Alliance Room.

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>

Slow Roll Buffalo-Join fellow bikers every Monday to October 26 at rotating venues in Buffalo. Everyone is welcome to ride, the slow pace of 8-10 mph invites ALL riders to join! All ages, all types of bikes, all experience levels. 6:00pm meet; 6:30pm roll. Presented by Independent Health. For info and to confirm location, visit <http://slowrollbuffalo.org/>. Location: Buffalo Riverworks.

Icky Sticky Science- 1:00 PM - 2:00 PM at City Of Tonawanda Public Library. Nature Ed-Ventures presents fun science program for 5 to 7 year olds. Get your hands on icky, sticky, squishy weird experiments with ooze, snow and more, as you explore the states of matter.

Aquarium of Niagara Traveling Touch Tank- 4pm at Town of Collins Public Library. Come and see what the Aquarium brings for you to touch and explore. Ages: Children.

Super Animals!- 4:00 PM at Lackawanna Public Library. Join us for games, stories, and crafts that showcase the wild abilities of the Animal Kingdom! Registration is required. Please call 823-0630 to reserve your spot. Ages: Children.

SPCA Wildlife- 5pm at East Clinton Branch Library. Wildlife Education Presentation including American Kestrel, Eastern Screech Owl and Wood Turtle. All Ages.

Super Animals!- 6:30 PM at Anna Reinstein Memorial Library. Move over, superheroes! Animals have their own special powers! Join us for stories, games and crafts that show the wild abilities you can find in the animal kingdom. AGES 3-8. Registration is required and will open three weeks prior to the program date. Please call (716) 892-8089 or stop in the library to register.

Tuesday, August 11

Educator Workshop: Project Learning Tree-9:30 a.m. to 4:00 p.m. Project Learning Tree is an award-winning environmental education program featuring an interdisciplinary, hands-on curriculum that uses the forest as a window on the world. All activities are correlated to Common Core math and ELA standards. For educators of students in grades K-8. Reinstein Woods Nature Preserve. Registration required; call 716-683-5959.

Label It WNY- 7:00 p.m. Topic: GE/GMO. WNY Chapter of Weston Price Foundation meeting at Randall Church, 6301 Main St Williamsville.

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.

Massachusetts Avenue Project Farm Tour- 4pm, no sign up necessary, dress for the weather. \$2. <http://mass-ave.org/> 389 Massachusetts Ave. Buffalo, New York 14213

The Hidden World of the Pond- 6:30 PM - 7:30 PM at Alden Ewell Free Library. Presented by Beaver Meadow Audubon Society. Caddisflies, dragonflies, turtles and frogs all call a pond their home. Our naturalist will bring live animals to create a vivid picture of the intricate web that is a pond! Fun for all ages! No registration is required!

Annual Tuesday Evening Stress Reducer Paddle-Join guides and instructors of Paths, Peaks and Paddles on Ellicott Creek. We meet at the store (1000 Ellicott Creek Rd. Tonawanda) at 6:00pm and take a paddling trip on Ellicott Creek up and around the big island. All are welcome, if you have your own boat (canoe or kayak), there is no charge. It does not matter if you are a beginner or a seasoned paddler, come join us every week for good conversation and most importantly some fun, after all "You deserve a good paddling". No drugs or alcohol on the water. You must wear a PFD properly. No Electronics (Cell Phones I-Pods). If you need to rent, the cost for a solo boat is only \$25.00 per boat or \$35.00 for a tandem. The boat rental includes paddle(s) and PFD(s). RESERVATIONS ARE A MUST IF YOU ARE RENTING CALL: 716-213-0350.

Wednesday, August 12

Hiking Tour of Hunter's Creek – Free hiking tour with Riverkeeper. 5:45-8pm. Registration required. <http://bnriverkeeper.org/rivertours/hiking-registration/>

Volunteer Open House at Beaver Meadow– Learn more about volunteering for Buffalo Audubon and participate in some outdoor work around the preserve. (BM) (585) 457-3228.

RestoreCorps Volunteer Event-Help Buffalo Niagara Riverkeeper remove invasive species at the RiverBend Phase I site at 1140 South Park Avenue. Info and registration link at <http://bnriverkeeper.org/restorecorps/>. 5:30-8pm.

Wednesdays in the Nannen Arboretum: "Keeping Trees Healthy"- 7 to 8:30pm at Nannen Arboretum in Ellicottville. Free to the public. www.nannenarboretum.org "Keeping Trees Healthy" Jordan Jozak, a certified arborist, will take us for a walk through the arboretum showing pruning methods, diseases of trees and how to keep trees healthy.

Thursday, August 13

Wellness Walk at Tiff-10 am to noon. Drop by Tiff 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.

20th Annual Thursday Evening Stress Reducer Paddle-Come join the Paths, Peaks & Paddles guides and instructors for our Thursday evening STRESS reducer paddle for relaxation, stress relief or just plain FUN. We meet out in Wilson at the Wilson Tuscarora State Park (Route 18 East of Niagara Falls) at 6:30pm in the back parking lot. We will either take a paddling trip on either the East or West Branch of Twelve Mile Creek. To top off the evening we paddle out to Lake Ontario and watch a spectacular sunset over Toronto 38 Miles away across the lake. No drugs or alcohol on the water. You must wear a PFD properly. No Electronics (Cell Phones I-Pods). All are welcome if you have your own boat (canoe or kayak) there is no charge. If you need to rent one, the cost is only \$30.00 per boat solo or \$40.00 tandem delivered out to Wilson for you, includes paddle(s) and PFD(s). We will bring the rented boat out to you! RESERVATIONS ARE A MUST IF YOU ARE RENTING CALL: 716-213-0350.

Buffalo Zoomobile: A Touch of Class- 1 to 2pm. Join us as the Buffalo Zoomobile presents "A Touch of Class" as some of our Buffalo Zoo animal friends visit the Kenmore Library, 160 Delaware Rd., Kenmore, NY. This program is free. No registration necessary. All ages welcome. Call the library at 873-2842 for more info.

Buffalo Zoomobile: A Touch of Class -3pm. Join us as the Buffalo Zoomobile presents "A Touch of Class" as some of our Buffalo Zoo animal friends visit the Kenilworth Library, 318 Montrose Ave., Tonawanda, NY. This program is free. No registration necessary. All ages welcome. Call the library at 834-7657 for more info.

Friday, August 14

Bug Jars, Sunset and Stars-Enjoy Tiff Nature Preserve's 40-acre grassland while searching for some of its smaller residents. Star-gazing and storytime to follow. Bug nets and jars provided. \$5. Pre-register at www.tiff.org

Take a Hike: Nature Makes Sense!- 5 to 7pm at Whirlpool State Park. Explore the stunning scenery of the Niagara Gorge in a whole new way. Experience all the sights, sounds, smells, and other senses that the gorge offers! *For information and registration call (716) 282-5154.*

Summer Flower Walk- 6:30 to 8:30pm at Wilson Tuscarora State Park. Take a hike and explore meadow trails in search of wildflowers. Bring a camera if you like. At the end of the hike we'll view a Lake Ontario sunset. *For information and registration call (716) 282-5154.*

Buffalo Animal Adventures Present's: African Safari!- 2:00 PM at Julia Boyer Reinstein Library. Come to the library and experience an African Safari with "8" LIVE animal ambassadors! ALL AGES! Registration is required! Call (716) 668-4991 or stop by the library to register. Registration begins on July 24th.

Oh My Stars!- 8:30 pm- 11 pm. Brought to us exclusively by Mother Nature, you will glimpse into the future through her endless stream of stars. "We may wonder," Hmmm, what constellations will reveal themselves to us this night"? Well, what we do know is we will see one of our galaxies' greatest light shows as we are awed by the Perseid meteor shower. A new moon on August 14, 2015 will create perfect conditions for observing the display. Bring the family along with your reclining lawn chairs or blankets to see what Mother Nature casts our way. Location: Pfeiffer Nature Center, Lillibridge Preserve, 1974 Lillibridge Road, Portville NY. This activity is free and open to the public. Donations are gratefully accepted. Children must be accompanied by an adult. Reservations are not required.

Buffalo Animal Adventures Present's: African Safari!-2pm at Julia Boyer Reinstein Library. Come to the library and experience an African Safari with "8" LIVE animal ambassadors! ALL AGES! Registration is required! Call (716) 668-4991 or stop by the library to register.

Mobile Dome Planetarium- 2:30 PM at Aurora Town Library. Ages 5 to 12 Experience the excitement of the only traveling planetarium in the seven counties of Western New York. Space is limited. Registration required. Funded by the Friends of the A. T.P.L.

Saturday, August 15

Niagara Frontier Botanical Field Trip Chautauqua Creek Oxbow Preserve-8:30am in Sherman, a site recently donated to the Chautauqua Watershed Conservancy containing 21 acres of forested gorge lands rich with ferns, mosses & fungi in hemlock-beech-maple woods. Guides on site: Becky Nystrom, Biology Prof at Jamestown C.C., and Jay Stratton, donor of the land. Meet at Home Depot on Mile Strip Rd just east of I-90 Blasdell exit. Call Michael Siuta if you are coming, 822-2544.

Lockport Hazardous Waste Dropoff-By appointment reservation only from 10am to 2pm. Reserve your appointment at <http://www.rethinkyourwaste.com/hhw.html>.

Nature Journaling – 10am to noon at Beaver Meadow Audubon Center. A private journal can be one of the most rewarding ways to hone your communication skills and connect with the soothing beauty of the natural world. How to record your thoughts and experiences of nature for your own benefit. Bring a camera or smartphone. Pre-registration is required. Ages 16 and up. \$10 includes all supplies. (585) 457-3228.

RestoreCorps Volunteer Event-Help Buffalo Niagara Riverkeeper remove invasive species at the RiverBend Phase I site at 1140 South Park Avenue. Info and registration link at <http://bnriverkeeper.org/restorecorps/>. 10am to 12:30pm.

Massachusetts Avenue Project Farm Tour- 10:30am, no sign up necessary, dress for the weather. \$2. <http://mass-ave.org/> 389 Massachusetts Ave. Buffalo, New York 14213

Super Animals- 1 to 2pm at Riverside Branch Library. Come and learn about some of the super powers that animals possess. Stories, games & crafts will demonstrate some of the wild abilities you can find in the animal kingdom. For ages 3-8. Registration is required.

Summer Lake Rally- 9am to 11am at The Village Casino, 1 Lakeside Drive, Bemus Point, NY 14712. The Chautauqua County Department of Planning and Economic Development invites you to learn about what progress is being made on important Chautauqua Lake Region projects and initiatives, such as the Integrated Sewage Management Plan for Chautauqua Lake, the Macrophyte Management Strategy for managing nuisance aquatic vegetation, construction of important water quality improvement projects, efforts to leverage additional state and federal funding through grant programs, and an update on the Chautauqua Lake & Watershed Management Alliance's activities.

Sunday, August 16

Community Bike Class: BASIC MAINTENANCE-6:00 PM - 8:00 PM, 98 Colvin Ave., Buffalo. Suggested \$10. This class will give you the knowledge you need to keep your ride rolling. Students will learn about proper frame, brake, and drive train maintenance as well as how to assess and describe common problems. Students are encouraged to bring their own bicycles to work on. You must RSVP to Stacy: stacy@gobikebuffalo.org at least one day prior to the class if you plan to attend. [See the full schedule here.](#)

Bugfest-At Bond Lake Park from 11 am to 2 pm in the Bond Lake Nature Center on Lower Mountain Road in the Town of Lewiston. Displays of all kinds give an up-close view of insects and insect life, and help visitors understand the benefits of having insects in our world. You can examine pinned insects up close with lenses and a microscope, and there are even lots of real insects to touch! Weather permitting, a Bug Walk is planned for 1:00 pm through the grasses and shrubs immediately surrounding the nature center. BugFest is a great family event, and is fun for kids and parents alike. This free event is rain or shine. For more information please email bondlake@gmail.com.

Times Beach Preserve and Lighthouse Tour-10am to 12:30pm. Join Earth Spirit for a walk on the Times Beach boardwalk and along the waterfront to the lighthouse during a program focused on the ecology and history of our waterfront. **Fee:** \$7.00 member/ \$10.00 non-member. Children 12 & under are ½ price. Advanced registration is required. <http://earthspiritedu.org/events.html>

Family Walk at Beaver Meadow – 2pm. Guided walk led by one of our naturalists through the Preserve. (BM) Donations. www.buffaloaudubon.org (585) 457-3228.

Bill Watson Memorial Weekly Waterbird Count- Join the Buffalo Ornithological Society to help count Great Egrets and other colonial nesting waterbirds on the upper Niagara River and around the Iroquois NWR complex as they return to communal roosts starting approximately hour prior to sunset. Contact Jim Pawlicki (jmpawli10@gmail.com; Niagara River) and/or Celeste Morien (celeste.morien@gmail.com; Iroquois NWR) to coordinate count efforts and data compilation.

Monday, August 17

Monday Evening Paddle on The Buffalo River-Come join Paths, Peaks and Paddles and The Coopersage for our Sixth annual paddle along the Buffalo River! Join us and learn some of the history of the grain mills, the harbor, the Erie Canal, navy vessels and enjoy the fine sunset at the mouth of the harbor. 6:00 pm at the Mutual Riverfront Park – 41 Hamburg Street Buffalo. If you do not have a kayak you are welcome to rent one for \$30.00pp (Includes cost of the guided paddle). If you have your own kayak feel free to join the group for a great evening. Cost is \$20.00. We plan to be off the water at approximately 9:00 - 9:30pm. Registration is required if you need to rent a kayak by calling 716-213-0350. With each boat rental you will receive a paddle and PFD. PFD's are required by everyone on this event. We kindly ask that you leave all electric devices behind for a few hours so everyone can relax and unwind. There will be no alcoholic beverages or drugs on the water. Feel free to contact us if you are interested in our Monday evening paddle. We can be reached at 716-213-0350 or ppinfo@pathspeakspaddles.com

Slow Roll Buffalo-Join fellow bikers every Monday to October 26 at rotating venues in Buffalo. Everyone is welcome to ride, the slow pace of 8-10 mph invites ALL riders to join! All ages, all types of bikes, all experience levels. 6:00pm meet; 6:30pm roll. Presented by Independent Health. For info and to confirm location, visit <http://slowrollbuffalo.org/>. Location: Silo City.

Little Tykes Mini Nature Camp-9:30am. Enjoy a morning of fun and exploration at Tiff Nature Preserve! Nature story-time, crafts, outdoor investigation and more help to foster the nature explorer in your child. Healthy, kid-friendly snacks provided too! Pre-registration required for ages 3-5. \$8 per child with adult, \$4 additional child with same adult. BMS Members save 10%. Contact 716.825.6397

Tuesday, August 18

Create a Mini-Book: Butterflies- 6:30 PM to 7:30 PM at Clarence Public Library. Local artist David Wasik conducts this workshop on making your own mini-book out of recycled materials. Children will create a 6-page butterfly mini-book which they will be able to take with them and share with others. Space is strictly limited. Children under 5 must be accompanied by an adult. Registration begins August 4.

Science Heroes-2 to 3pm. Newstead Public Library. Create an electromagnet and use a magnet to make a painting. Enjoyed by ages 6-12. Call 542-2327 to create.

Science Wonders-1 to 2pm. Eden Library. Nature Ed-Ventures promises an "explosive" good time - all for the sake of science! For ages 7-11. Registration begins 8/3.

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.

Massachusetts Avenue Project Farm Tour- 4pm, no sign up necessary, dress for the weather. \$2.
<http://mass-ave.org/> 389 Massachusetts Ave. Buffalo, New York 14213

Annual Tuesday Evening Stress Reducer Paddle-Join guides and instructors of Paths, Peaks and Paddles on Ellicott Creek. We meet at the store (1000 Ellicott Creek Rd. Tonawanda) at 6:00pm and take a paddling trip on Ellicott Creek up and around the big island. All are welcome, if you have your own boat (canoe or kayak), there is no charge. It does not matter if you are a beginner or a seasoned paddler, come join us every week for good conversation and most importantly some fun, after all "You deserve a good paddling". No drugs or alcohol on the water. You must wear a PFD properly. No Electronics (Cell Phones I-Pods). If you need to rent, the cost for a solo boat is only \$25.00 per boat or \$35.00 for a tandem. The boat rental includes paddle(s) and PFD(s). RESERVATIONS ARE A MUST IF YOU ARE RENTING CALL: 716-213-0350.

Wednesday, August 19

Senior Stroll- 10:30 a.m. Enjoy a leisurely guided walk through the woods, then eat lunch outdoors with fellow seniors. (Lunch not included). Reinstein Woods Nature Preserve. Registration required; call 716-683-5959.

Seniors Paddle-6pm to 8pm. Paths, Peaks & Paddles will provide to you a tandem kayak or canoe, paddles and life jackets. Your guide will accompany you down the creek pointing out the great wonders of the outdoors. Don't hesitate to sign up, each outing is geared for small groups so we can spend quality time with each kayak or canoe. Cost is \$12 per kayak or canoe. Reservations are a must! Questions are welcome at: 716-213-0350 or christine@pathspeakspaddles.com.

WNY Rose Society Tour- 7 p.m. for a tour of the rose garden in Delaware Park, 199 Lincoln Parkway, Buffalo. The group will meet off to the right of the rose garden. They bring lawn chairs and set up a small table. Be sure to bring your camera. Meetings are open to the public. They typically include a guest speaker, and a question and answer session. Topics focus on rose-related and gardening issues.

RestoreCorps Volunteer Event-Help Buffalo Niagara Riverkeeper remove invasive species at the RiverBend Phase I site at 1140 South Park Avenue. Info and registration link at <http://bnriverkeeper.org/restorecorps/>. 5:30-8pm.

Science Wednesdays: Snow fun in August!- 3 to 4pm at Orchard Park Public Library. Get ready for the Orchard Park Library's Frozen Party with this fun cold-themed Science Wednesday! Ages: Children.

Thursday, August 20

Educator Workshop: Project WET - 9:00 a.m. to noon. Project WET (Water Education for Teachers) helps teachers use water to teach English language arts, science, math and more! Participants receive a standards-based interdisciplinary curriculum guide that includes lessons covering water's physical and chemical properties, cultural connections to water, and water resource management. For educators of students in grades K-12. Reinstein Woods Nature Preserve. Registration required; call 716-683-5959.

Wellness Walk at Tiff-10 am to noon. Drop by Tiff 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.

20th Annual Thursday Evening Stress Reducer Paddle-Come join the Paths, Peaks & Paddles guides and instructors for our Thursday evening STRESS reducer paddle for relaxation, stress relief or just plain FUN. We meet out in Wilson at the Wilson Tuscarora State Park (Route 18 East of Niagara Falls) at 6:30pm in the back parking lot. We will either take a paddling trip on either the East or West Branch of Twelve Mile Creek. To top off the evening we paddle out to Lake Ontario and watch a spectacular sunset over Toronto 38 Miles away across the lake. No drugs or alcohol on the water. You must wear a PFD properly. No Electronics (Cell Phones I-Pods). All are welcome if you have your own boat (canoe or kayak) there is no charge. If you need to rent one, the cost is only \$30.00 per boat solo or \$40.00 tandem delivered out to Wilson for you, includes paddle(s) and PFD(s). We will bring the rented boat out to you! **RESERVATIONS ARE A MUST IF YOU ARE RENTING CALL: 716-213-0350.**

Kayaking with Tina-Beaver Island State Park. Join Tina, an ACA certified kayak instructor, for a beginner's class on *Smartstart Paddling Orientation for your Kayak*. Each participant must have their own kayak and coast guard-approved PFD. **For information and registration call (716) 282-5154.** 6:30-8:30pm.

Zoomobile: World Safari-2:00 PM - 3:00 PM at Lancaster Library. World Safari: Take a "trip" to the seven different continents of the world. Combine interesting animal facts with geographic locations for a global understanding of the animal kingdom. Live animal representatives from many continents will help to illustrate the world's colorful and exotic bio-diversity.. Stop in or call to register 683-1120. All Ages

"All Sorts of Snakes"-1 to 2pm at Kenmore Branch Library. Join us as local herpetologist, David Banchich, introduces us to some of the world's most fascinating snakes. This program is free. No registration necessary. All ages welcome. Call the library at 873-2842 for more info.

"All Sorts of Snakes"-3:30-4:30pm at Kenilworth Branch Library. Join us as local herpetologist, David Banchich, introduces us to some of the world's most fascinating snakes. This program is free. No registration necessary. All ages welcome. Call the library at 834-7657 for more info.

Buffalo Walks Tours: Silo City-5:15pm registration with walk start at 5:30pm. Come join us for a walking tour of the Silo City. The Silo City Campus contains the evolved development of the grain industry as it entered the 20th century. Tour is at grade, in and around the Perot, Malthouse, and Marine A Elevator with Jim Watkins "Steward of Silo City". Please wear comfortable appropriate footwear and attire. <http://www.workingfordowntown.org/>

Friday, August 21

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

Saturday, August 22

Mommy and Me Paddle-Do you want to introduce your young daughter or son to kayaking but not sure how to go about it? The staff of Paths, Peaks & Paddles would like to share a "Mommy and Me" Saturday morning adventure with you! We will provide to you a tandem kayak, paddles and life jackets. Your guide will accompany you down the creek pointing out the great wonders of the outdoors. Cost is \$12 per kayak. Reservations are a must! Time: 9:00 am until approximately 11:30 am. Questions are welcome at: 716-213-0350 or christine@pathspeakspaddles.com

Creatures of the Night-8:30 to 10:30pm. Ages 5+. Tiff Nature Preserve to feature Buffalo's wild nightlife. Safely observe bat mist netting and learn more about the importance of bats. \$5. Pre-register at www.tiff.org. Space is limited.

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

Aliens!- 2:00 p.m. Are there visitors from outer space in Reinstein Woods? Join a guided tour to meet some of the plants and animals introduced from other parts of the world. Reinstein Woods Nature Preserve. Registration required; call 716-683-5959.

Buffalo Paddle Festival-10am to 2pm at [Buffalo Harbor State Park](#).

Massachusetts Avenue Project Farm Tour- 10:30am, no sign up necessary, dress for the weather. \$2. <http://mass-ave.org/> 389 Massachusetts Ave. Buffalo, New York 14213

Junior Audubon Club: Birding by Canoe – 10am to noon. Kids ages 8 to 16 are invited to join our club! Canoeing the pond at Beaver Meadow is a great way to view birds along the edges and in the beaver pond. Pre-registration is required. (BM) Donations. (585) 457-3228.

PUSH Monthly Meeting- The Center On Grant, 271 Grant St in Buffalo NY. The meeting starts at 3PM.

Stella Niagara Tour-11 am–12:30 pm. With 29 acres and over a quarter mile of shoreline, it is the largest privately owned, undeveloped tracts of land along the entire length of the Niagara River. [Click here to purchase your tickets](#). Ticket price includes one-year membership to WNY Land Conservancy.

Sunday, August 23

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

Community Bike Class: Fix a Flat-6:00 PM - 8:00 PM at 98 Colvin Ave., Buffalo. | Suggested \$10. 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. You must RSVP to Stacy: stacy@gobikebuffalo.org at least one day prior to the class if you plan to attend. [See the full schedule here](#).

Family Walk at Beaver Meadow – 2pm. Guided walk led by one of our naturalists through the Preserve. (BM) Donations. www.buffaloaudubon.org (585) 457-3228.

Bill Watson Memorial Weekly Waterbird Count- Join the Buffalo Ornithological Society to help count Great Egrets and other colonial nesting waterbirds on the upper Niagara River and around the Iroquois NWR complex as they return to communal roosts starting approximately hour prior to sunset. Contact Jim Pawlicki (jmpawli10@gmail.com; Niagara River) and/or Celeste Morien (celeste.morien@gmail.com; Iroquois NWR) to coordinate count efforts and data compilation.

Monday, August 24

Slow Roll Buffalo-Join fellow bikers every Monday to October 26 at rotating venues in Buffalo. Everyone is welcome to ride, the slow pace of 8-10 mph invites ALL riders to join! All ages, all types of bikes, all experience levels. 6:00pm meet; 6:30pm roll. Presented by Independent Health. For info and to confirm location, visit <http://slowrollbuffalo.org/>. Location: Essex Art Center.

Grab Bag Science-6pm at Boston Library. Grab a science kit then begin exploring the amazing world of science. We'll make gooey slime, grow crystals and orbs, "squeeze" an egg into a bottle without breaking it, play with color-changing worms. Ages 7 – 11. Register by Calling 941-3516.

Tuesday, August 25

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.

Riverkeeper Paddle- 5:30 to 8pm at East River Marsh, Grand Island. A professionally guided, interpretive paddle tours on our region's greatest asset — our water! Each tour has its own unique story that showcases the importance of how our water shapes our past, present, and future. All tours are guided by naturalists, local water experts, and ACA certified instructors in kayak and rescue. Kayaks can be rented from Riverkeeper or you may bring your own. Spots on our tours are limited.
www.bnriverkeeper.org/rivertours

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.

Massachusetts Avenue Project Farm Tour- 4pm, no sign up necessary, dress for the weather. \$2.
<http://mass-ave.org/> 389 Massachusetts Ave. Buffalo, New York 14213

Annual Tuesday Evening Stress Reducer Paddle-Join guides and instructors of Paths, Peaks and Paddles on Ellicott Creek. We meet at the store (1000 Ellicott Creek Rd. Tonawanda) at 6:00pm and take a paddling trip on Ellicott Creek up and around the big island. All are welcome, if you have your own boat (canoe or kayak), there is no charge. It does not matter if you are a beginner or a seasoned paddler, come join us every week for good conversation and most importantly some fun, after all "You deserve a good paddling". No drugs or alcohol on the water. You must wear a PFD properly. No Electronics (Cell Phones I-Pods). If you need to rent, the cost for a solo boat is only \$25.00 per boat or \$35.00 for a tandem. The boat rental includes paddle(s) and PFD(s). RESERVATIONS ARE A MUST IF YOU ARE RENTING CALL: 716-213-0350.

The Mysterious World of Bats- Join us as BATPHILE presents "The Mysterious World of Bats" at the Kenmore Library, 160 Delaware Rd., Kenmore, NY at 1 pm. Learn about bats that live in N.Y. and around the world. For all ages.

The Mysterious World of Bats- Join us as BATPHILE presents "The Mysterious World of Bats" at the Kenilworth Library, 318 Montrose Rd., Tonawanda, NY at 3:30 pm. Learn about bats that live in N.Y. and around the world. For all ages.

Eastern Monarch Butterfly Recovery-Clarence Library at 7pm. David O'Donnell will discuss the importance of the Eastern Monarch to the overall environment and the factors relating to its dwindling numbers. Registration begins August 11. Age(s): Adult.

Wednesday, August 26

Birding 101: Class #8- 6:30 p.m. Meet the boisterous black birds--crows, grackles, red-wings, starlings and cowbirds. For adults and kids ages 8 and older. Reinstein Woods Nature Preserve. Registration required; call 716-683-5959.

RestoreCorps Volunteer Event-Help Buffalo Niagara Riverkeeper remove invasive species at the RiverBend Phase I site at 1140 South Park Avenue. Info and registration link at <http://bnriverkeeper.org/restorecorps/>. 5:30-8pm.

Riverkeeper Paddle- 5:30 to 8pm at Riverfront Park. A professionally guided, interpretive paddle tours on our region's greatest asset — our water! Each tour has its own unique story that showcases the importance of how our water shapes our past, present, and future. All tours are guided by naturalists, local water experts, and ACA certified instructors in kayak and rescue. Kayaks can be rented from Riverkeeper or you may bring your own. Spots on our tours are limited. www.bnriverkeeper.org/rivertours

Great Lakes Awareness Day-10am to 3pm. Aquarium of Niagara, 701 Whirlpool Street, Niagara Falls, 14301. The event will feature exciting, hands-on exhibits focusing on the Great Lakes and the Niagara River. Experts from New York Sea Grant, US Fish and Wildlife Service, Buffalo Niagara Riverkeeper and the WNY Partnership for Regional Invasive Species Management (PRISM) will be on hand to share information and materials to help visitors learn about aquatic invasive species, Great Lakes fish and the fishery, environmental topics, stewardship projects and includes a hands-on activity for children. All activities are included with paid Aquarium admission or are free for Aquarium members.

Clean Air Coalition Fundraiser- At Acqua, 2192 Niagara St., from 6-8pm. \$20 pre-sale, \$25 at the door. <http://www.cacwny.org/get-involved/the-sky-is-the-limit/>

Thursday, August 27

Birdwatching Paddle at Hyde Park Lake (Niagara Falls)- 5:45PM-8PM, Registration required at <http://bnriverkeeper.org/rivertours/paddle/>

Wellness Walk at Tiff-10 am to noon. Drop by Tiff 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.

20th Annual Thursday Evening Stress Reducer Paddle-Come join the Paths, Peaks & Paddles guides and instructors for our Thursday evening STRESS reducer paddle for relaxation, stress relief or just plain FUN. We meet out in Wilson at the Wilson Tuscarora State Park (Route 18 East of Niagara Falls) at 6:30pm in the back parking lot. No drugs or alcohol on the water. You must wear a PFD properly. No Electronics (Cell Phones I-Pods). All are welcome if you have your own boat (canoe or kayak) there is no charge. If you need to rent one, the cost is only \$30.00 per boat solo or \$40.00 tandem delivered out to Wilson for you, includes paddle(s) and PFD(s). We will bring the rented boat out to you! RESERVATIONS ARE A MUST IF YOU ARE RENTING CALL: 716-213-0350.

Kayaking with Tina-Beaver Island State Park. Join Tina, an ACA certified kayak instructor, for a beginner's class on *Smartstart Paddling Orientation for your Kayak*. Each participant must have their own kayak and coast guard-approved PFD. **For information and registration call (716) 282-5154.** 6:30-8:30pm.

Secret World of Spiders- 1pm at Kenmore Library. Join us as BATPHILE presents "The Secret World of Spiders" at the Kenmore Library, 160 Delaware RD., Kenmore.

Secret World of Spiders- 3:30pm at Kenilworth Library. Join us as BATPHILE presents "The Secret World of Spiders" at the Kenmore Library, 318 Montrose Ave., Tonawanda.

Friday, August 28

Full "Green Corn Moon" Walk- 7:30 p.m. Enjoy a guided walk along the trails as we learn about the many uses of corn in America. For adults only. Reinstein Woods Nature Preserve. Registration required; call 716-683-5959.

Take a Hike: The Power of Fresh Air/Nature!- 5 to 7pm at [Niagara Falls State Park](#). It is surprising to see how a little fresh air can generate so much energy. Take a hike on a trail that is filled with lots of history! *For information and registration call (716) 282-5154.*

Saturday, August 29

Spiders: What's in Your Web?- 10:30 a.m. Search for these amazing predators on this guided walk. Reinstein Woods Nature Preserve. Registration required; call 716-683-5959.

RestoreCorps Volunteer Event-Help Buffalo Niagara Riverkeeper remove invasive species at the RiverBend Phase I site at 1140 South Park Avenue. Info and registration link at <http://bnriverkeeper.org/restorecorps/>. 10am to 12:30pm.

Monarch Butterfly Festival-10 a.m. to 4 p.m. Saturday, August 29 at the Jamestown Audubon Nature Center,, 1600 Riverside Road, one-quarter mile east of Route 62 between Jamestown, NY, and Warren, PA. Admission is \$8, \$6 for Friends of the Nature Center, \$6 for children 3-15 and free for children 2 and under. The festival fills a room with free-flying monarch butterflies and a garden of flowers. Citizen scientists tag the butterflies as part of a research project to track their migration. The life cycle, from egg through adult, will be on display. Mexican food will be served to celebrate the monarchs' migration to Mexico. There will also be monarch crafts, butterfly nets to borrow, butterfly garden tours, a butterfly plant sale, a t-shirt sale and temporary monarch butterfly tattoos. At 4 p.m., all of the butterflies are rounded up and released.

"Sturgeon Moon" Wine & Cheese Paddle- Paddle and be with friends out on Lake Ontario in a Kayak. Come out and find out why August's Moon is called the "Sturgeon Moon". Please join us out at Wilson Tuscarora Park Friday evening, August 29, 2015 at 7:00pm. Wine & Cheese is served on the beach and will cost \$20.00pp. If you need to rent a kayak for the evening the cost is \$25.00 for a single and \$30.00 for a tandem. Rental includes paddles and PFD's. You must bring a battery operated light with you. There is no Drugs or Alcohol on the Water. If you have questions contact us at 213-0350 or at pppinfo@pathspeakspaddles.com

Stewardship Saturday-Contact 716.825.6397. Become a steward of Tifft Nature Preserve by volunteering to help with outdoor projects around the Preserve including habitat restoration, trail work, invasive species control, and more. No tools required; please dress to work outside. Families welcome! Children must be age 12 and up and accompanied by an adult if under 18. Pre-registration is required, but participation is FREE.

Homestead Festival – 10am to 5pm at Beaver Meadow Audubon Center. Step back in time to early America, a time of simple, homemade crafts and craftsmanship. Featuring live music and period interpreters, along with vendors and food. \$7 Adults/\$5 children (12 & Under) 3 and under free. www.buffaloaudubon.org

"If you Listen to the Trees"-Buffalo author and artist Wende Essrow will share new book and guide participants in creating a book-inspired charcoal drawing to take home. For all ages, 3-5pm at Tifft Nature Preserve. \$5. Pre-register at www.tifft.org

Animal Artists - 10:00 a.m. – 12:00 p.m. The Buffalo Zoo is home to some amazing artists, who use their paws, trunks, or scaly skin to make beautiful works of art! This workshop is a special opportunity to learn more about our animal artists. You will discover how zookeepers use training techniques to develop an animal's painting style, observe how zookeepers make paintings with animals from our Education Department, and be challenged to a zoo animal pawprint matching game. You will even get a mini "painting" to take home! [REGISTRATION FORM](#)
Pre-paid registration is required, and all participants are required to pay the workshop fee. For more information call us at (716) 995-6128.

Massachusetts Avenue Project Farm Tour- 10:30am, no sign up necessary, dress for the weather. \$2. <http://mass-ave.org/> 389 Massachusetts Ave. Buffalo, New York 14213

Penn Dixie Anniversary Celebration- 5pm at Penn Dixie site with dinner served at 6pm. \$20 tickets. [info](#)
Public is Welcome!

Genesee County Park Forest Fest- 10am – 4pm at 11095 Bethany Center Rd, East Bethany, NY 14054. The Genesee County Park & Forest celebrates 100 years of history. Explore forestry related activities. Programs and activities begin at the Interpretive Nature Center. All activities and programs are free. Call 585-344-1122 for more details!!

Animal Artists- 10:00 a.m. – 12:00 p.m. The Buffalo Zoo is home to some amazing artists, who use their paws, trunks, or scaly skin to make beautiful works of art! This workshop is a special opportunity to learn more about our animal artists. You will discover how zookeepers use training techniques to develop an animal's painting style, observe how zookeepers make paintings with animals from our Education Department, and be challenged to a zoo animal pawprint matching game. You will even get a mini "painting" to take home! [registration form](#). Pre-paid registration is required, and all participants are required to pay the workshop fee. For more information call us at (716) 995-6128.

Sunday, August 30

Nature Journaling with Audrey Kay Dowling – 2 to 4PM at Roger Tory Peterson Institute. Cost: \$10
Pre-registration is required – to register please contact Jane Johnson, RTPI Communications & Public Programs Coordinator, at jjohnson@rtpi.org or 716-665-2473 ext. 228.

Community Bike Class: Brakes 101-6:00 PM - 8:00 PM at 98 Colvin Ave., Buffalo. | Suggested \$10.
Learn how to properly adjust and install caliper, cantilever, linear pull, and center pull brakes. You must RSVP to Stacy: stacy@gobikebuffalo.org at least one day prior to the class if you plan to attend. [See the full schedule here.](#)

Family Walk at Beaver Meadow – 2pm. Guided walk led by one of our naturalists through the Preserve. (BM) Donations. www.buffaloaudubon.org (585) 457-3228.

Bill Watson Memorial Weekly Waterbird Count- Join the Buffalo Ornithological Society to help count Great Egrets and other colonial nesting waterbirds on the upper Niagara River and around the Iroquois NWR complex as they return to communal roosts starting approximately hour prior to sunset. Contact Jim Pawlicki (jmpawli10@gmail.com; Niagara River) and/or Celeste Morien (celeste.morien@gmail.com; Iroquois NWR) to coordinate count efforts and data compilation.

Monday, August 31

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

Slow Roll Buffalo-Join fellow bikers every Monday to October 26 at rotating venues in Buffalo. Everyone is welcome to ride, the slow pace of 8-10 mph invites ALL riders to join! All ages, all types of bikes, all experience levels. 6:00pm meet; 6:30pm roll. Presented by Independent Health. For info and to confirm location, visit <http://slowrollbuffalo.org/>. Location: 464 Amherst St. at the gallery.

Tuesday, September 1

Massachusetts Avenue Project Farm Tour- 4pm, no sign up necessary, dress for the weather. \$2.
<http://mass-ave.org/> 389 Massachusetts Ave. Buffalo, New York 14213

Forcing Spring Bulbs- A presentation in the new series called "Garden Talk," will be held 12:15 – 12:45 p.m. at the Cornell Cooperative Extension of Genesee County, 420 East Main Street, Batavia. There will be a 30-minute talk on variety of garden related topics. Taught by Master Gardeners, these will be held during the lunch hour, so bring your lunch to the Cornell Cooperative Extension office. This free series is open to the public and registration is not required.

Annual Tuesday Evening Stress Reducer Paddle-Join guides and instructors of Paths, Peaks and Paddles on Ellicott Creek. We meet at the store (1000 Ellicott Creek Rd. Tonawanda) at 6:00pm and take a paddling trip on Ellicott Creek up and around the big island. All are welcome, if you have your own boat (canoe or kayak), there is no charge. It does not matter if you are a beginner or a seasoned paddler, come join us every week for good conversation and most importantly some fun, after all "You deserve a good paddling". No drugs or alcohol on the water. You must wear a PFD properly. No Electronics (Cell Phones I-Pods). If you need to rent, the cost for a solo boat is only \$25.00 per boat or \$35.00 for a tandem. The boat rental includes paddle(s) and PFD(s). RESERVATIONS ARE A MUST IF YOU ARE RENTING CALL: 716-213-0350.

Wednesday, September 2

Greater Buffalo Niagara Regional Transportation Council Meeting- 9:30 AM . Public Welcome. 716-856-2026. Buffalo City Hall.

Tips for the Environment:

- 1. Back to School Resolutions-** For those sending kids off to school or starting a new school year, consider how you can make more environmentally-friendly choices. Tips are available at [Green Schools Initiative](#).
- 2. Recycle your plastic plant pots-** Instead of putting your soil-filled pots curbside to languish in a landfill, save your soil and recycle the pot at some local nurseries including [Lavocats](#), [Lockwoods](#) as well as Lowes and Home Depot stores.
- 3. 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.

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

THE 4 R'S – REDUCE, REUSE, RECYCLE AND REPAIR

As children reach kindergarten and early grade-school age they become more aware of the wider world beyond home, school and their neighborhood. If you haven't already done so, this can be an excellent time to teach your child about the environment, and how you can work together to go green as a family. There are many ways that your growing child can contribute to the greening of their world and beyond.

Make a family commitment. Convene a family gathering and talk about the need and value of **recycling**. A strong commitment to the environment is an important value in any family, and **recycling** is a good way a family can make a real difference in your community.

Explain to them that we can all do something to go green. Talk with your child about things, like wind farms and recycling, that are making a positive impact.

Teach them to turn off the lights and electronic devices when not using them. This simple action also has the bonus of reducing your electric bill.

Remind them to turn off the water when brushing their teeth. A grade-schooler is old enough to understand that water comes from lakes and reservoirs. Explain that wasting it can affect everyone who relies on that water. According to the Environmental Protection Agency (EPA) a faucet that runs for five minutes is equivalent to letting a 60-watt bulb run for 14 hours.

Show your child how to have non-electronic fun. Play family board games, read favorite books, or go outside to throw a Frisbee around, ride bikes in the park or explore a hiking trail. Being in nature can help provide children with a clear picture of what we are trying to preserve and remind them why it's important to go green every day – if every person made just a few changes it could make a major difference in the world.

Go green by switching to reusable containers for lunches and snacks and filling up BPA-free (Bisphenol A) or metal water bottles instead of buying bottled water. When you go grocery shopping bring reusable bags. Before shopping for back to school clothing and school supplies have your child help you sort out used clothing that they have outgrown, also, check books, toys and other items around the house to donate to local homeless shelters. Save packing boxes and supplies from things you buy online and reuse them if you are mailing gifts or packages to friends or family members.

Before you recycle or dispose of anything, consider whether it has life left in it. An old shirt can become a pajama top. An opened envelope can become a shopping list. Magazines can be shared by dropping them off in your doctor's waiting room. DVDs can be traded. A computer can be upgraded. A car can be resold. Donate your old cell phones. Return cans and bottles to the store to be recycled. Reusing keeps new resources from being used for a while longer, and old resources from entering the waste stream.

When **recycled**, paper, plastic, glass, magazines, electronics, and more can be processed into new products while using fewer natural resources and less energy.

Make a commitment to buy **recycled** paper for the computer printer, mulch from **recycled** products for the garden and other such products that will help the secondary markets flourish and make **recycling** available at more places.

Never forget that our own attitudes and actions influence our children more deeply than our words. Children learn by what they observe and how they live.

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 khammer@buffalogardens.com

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Additional calendars with local events-

<http://artvoice.com/calendar>

<http://www.citybration.com>

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

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

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

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

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

<http://buffalorising.com>

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

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

Additional local blogs and websites-

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Outdoors Niagara- <http://www.outdoorsniagara.com/>
Environmental Tips- <http://www.globalstewards.org/ecotips.htm>
Good Neighborhood- <http://thegoodneighborhood.com/>
Buffalo Architecture and History- <http://www.buffaloah.com/>
Richardson-Olmsted <http://www.richardson-olmsted.com/>
Times Beach Nature Preserve- www.facebook.com/pages/Friends-of-Times-Beach-Nature-Preserve/283210257029
All about Nature- <http://www.meetup.com/All-About-Nature-in-WNY/>
Black Dog Rescue- www.blackdogsecondchance.org
Peace Weavers- <http://peaceweavers.org/>
Eco-Island Nature Center- www.k12.ginet.org/resources.cfm?subpage=6518
NY Sport Fishing- <http://www.fishny.com/>
Erie Canal Trailway- www.ptny.org/bikecanal
Niagara Watershed Alliance- <http://www.had-e-nuff.com/id6.html>
Rochester Roots-<http://www.rochesterroots.org/>
SOLE of Buffalo- <https://www.facebook.com/pages/SOLE-of-Buffalo/242409525795420>
New York Times Green Energy & Environment-<http://green.blogs.nytimes.com/>
South Buffalo CREW- <http://www.southbuffalocrew.com/>
U Save Buffalo/Recycling- <http://www.facebook.com/USaveBuffalo>
We Love Outdoors-<http://www.weloveoutdoors.com/>
WNY Chapter/American Chemical Society- <http://wny.sites.acs.org/>
Fishing Outdoors- <http://www.huntfishnyoutdoors.com/events.php>

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.buffaloudubon.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](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 theRidge- <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, Lowes stores, Home Depot
Plastic shopping bags, cereal liners, packing pillows-groceries, many retailers, www.plasticfilmrecycling.org
Plastics 1-7- dropoff at Great Lakes Recycling, 22 Mechanic St, North Tonawanda, 716-692-3448
Recycling A to Z - realsimple
Shoes, athletic-NikeReuseAShoe.com, Souls4Souls.org and OneWorldRunning.com
Sports equipment-resell/trade at www.playitagainsports.com
Tennis balls- <http://www.rebounces.com/recycle/>
Toys, plastic- http://dmpgreen.com/mail_in.html
Uses and reuses for many items- <http://www.world.org/weo/recycle>
Water filters-Brita partners with preserveproducts.com/recycling
Yoga mats- RecycleYourMat.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.woof.org/>
<http://www.americanhiking.org/>

Education Courses or Certificates:

Energy University Website with Schneider Electric- [Courses](#) are free
Green Classroom Professional Certificate- Online courses, info [here](#)

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	www.greatlakes.org
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/
Asha Sanctuary for Rescued Farm Animals	http://www.ashasanctuary.com/
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.buffaloudubon.org
Braddock Bay Bird Observatory	http://braddockbaybirdobservatory.wordpress.com/
Buffalo Astronomical Association	http://www.buffaloastronomy.com/
Buffalo Bike Share	www.buffalobikeshare.org/
Buffalo Brownfields Opportunities Areas	http://buffalobrownfieldopportunities.com/
Buffalo Citybration	http://citybration.com/
Buffalo Complete Streets	http://buffalocompletestreets.org/
Buffalo and Erie County Botanical Gardens	www.buffalogardens.com

Buffalo First	www.buffalofirst.org/
Buffalo Geological Society Meetings 7:30pm, first Fri. Oct-April, Parkside Lutheran	www.bgsny.org
Buffalo Green Code	http://www.buffalogreencode.com/
Buffalo 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	www.bnriverkeeper.org/
Buffalo Niagara 2050 Transportation	www.buffaloniagara2050.com
Buffalo Olmsted Parks Conservancy	www.bfloparks.org
Buffalo Orienteering Club	http://www.buffalo-orienteeing.org/
Buffalo Ornithological Society	http://www.buffaloornithologicalsociety.org/
Buffalo ReUse	www.buffaloreuse.org/
Buffalo Urban Development Corp	http://budc.ecidany.com/
Buffalo Urban Outdoor Education	www.buoe.org
Buffalo Zoo	www.buffalozoo.org
Cabelas	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	www.citizenscampaign.org
Citizens' Environmental Coalition	www.cectoxic.org/index.html
Citizens for Regional Transit	www.citizenstransit.org/
Clarence Bluebird Trail	www.clarencebluebirdtrail.org

Clean Air Coalition of Western New York	http://www.cacwny.org/
Clean Communities of Western New York	http://www.ccofwny.org/
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.d2lsbuffalo.com/
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 Local Office (716) 551-4410	http://www2.epa.gov/aboutepa/epa-region-2
Erie Canal Harbor Development	http://www.eriecanalharbor.com/
Erie County Community College Going Green	http://eccgoinggreen.ecc.edu/index.html
Erie County Conservation Society	http://eccs-club.org/
Erie County Department of Environment and Planning	http://www2.erie.gov/environment/
Erie County Environment Management Council	http://www2.erie.gov/environment/
Erie County Farm Bureau	http://www.ecfarm.com/
Erie County Federation of Sportsmen's Clubs	http://www.eriectyfsc.org/
Erie County Parks and Recreation	http://www.erie.gov/parks
Erie County Soil and Water Conservation	www.ecswcd.org/

Evergreen-Buffalo State College	www.buffalostate.edu/orgs/evergreen
Excalibur Leisure Skills	http://excaliburl.org
Explore Buffalo	www.explorebuffalo.org
Farm2Curb	https://www.facebook.com/farmtocurb
Field and Fork Network	http://fieldandforknetwork.com/
First Hand Learning	www.firsthandlearning.org
Food 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	www.foothillstrailclub.org
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	www.gooseneckhillwaterfowlfarm.com
Grassroots Gardens of Buffalo	www.grassrootsgardens.org/
Greater Buffalo-Niagara Regional Transportation Council	www.gbnrtc.org/
Great Lakes Beach Sweep	http://greatlakesbeachsweep.org/
Great Lakes Center at Buffalo State College	http://greatlakescenter.buffalostate.edu/

Great Lakes Experience	http://www.thegreatlakesexperience.org
Green Development Zone	http://greendevelopmentzone.org/
Green WNY	http://greenwny.com/
Groundwork Buffalo	https://www.facebook.com/GroundworkBuffalo
Habitat for Humanity Buffalo Intro to Volunteering 9am-3 rd Saturday each month	http://www.habitatbuffalo.org/
Heart of the City Neighborhoods, Inc.	www.hocn.org
Iroquois National Wildlife Refuge	http://www.fws.gov/refuge/iroquois/
Jamestown Audubon Center & Sanctuary	www.jamestownaudubon.org
Jamestown Community College	http://www.sunyjcc.edu/sustainability
Jane's Walk-Buffalo	http://janeswalk.org/united-states/buffalo-ny/
Junior Solar Sprint Buffalo	www.jssbuffalo.com
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	www.netpositivefoundation.org
New York Farm Bureau	http://www.nyfb.org/
New York Flora Association	http://www.nyflora.org/
New York Forest Owner's Association	www.nyfoa.org
New York Interfaith Power and Light	www.newyorkipl.org/
New York Power Authority	www.nypa.gov
New York Public Interest Research Group	http://www.nypirg.org/
New York State Association of Conservation Commissions	http://www.nysaccny.org/index.php
New York State Ornithological Association	http://nybirds.org/index.html
New York State Outdoor Education Association	http://nysoea.org/
New York State Parks	www.nysparks.com
New York State Sea Grant	http://www.seagrantsunysb.edu/
New York State Soil and Water	http://www.nys-soilandwater.org/
New York State Sustainable Agriculture Working Group	http://www.ny-sawg.org/
New York Upstate Chapter of the Green Building Council	http://www.greenupstateny.org/
New York State Wetlands Forum	http://www.wetlandsforum.org
Niagara County Farm Bureau	http://www.niagaracountyfarmbureau.com/
Niagara County Landfill and Recycling	http://www.rethinkyourwaste.com/
Niagara County Parks	http://www.niagaracounty.com/Parks/
Niagara County Soil and Water Conservation District	www.niagaraswcd.com
Niagara Frontier Botanical Society	https://sites.google.com/a/niagarafontierbotanicalsociety.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	www.niagararestoration.org/
Niagara River Anglers Association	http://www.niagarariveranglers.com
Niagara River Greenway Commission	www.niagaragreenway.org
Niagara University Sustainability	http://www.niagara.edu/green/
Northeast Organic Farming Association of New York	http://nofany.org
Oakmossed Education	http://oakmossed.com
One Region Forward	http://www.oneregionforward.org/
Partnership for the Public Good	www.ppgbuffalo.org
Paths, Peaks and Paddles	www.pathspeakspaddles.com
Penn Dixie Paleontological and Outdoor Education Center Open Sat. 9am-4pm May-Oct. for fossil collecting	www.penndixie.org
Pfeiffer Nature Center (Portville)	www.pfeiffernaturecenter.org
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/
Restore our Community Coalition	http://rocbuffalo.org/
Retree Western New York	www.re-treewny.org
ReUse Action	http://reuseaction.com/
Roger Tory Peterson Institute	www.rtpi.org
Service Collaborative of WNY	http://www.tscwny.org/
Sierra Club (Niagara Group of Atlantic Chapter)	http://niagarasierraclub.com/

Slow Roll Buffalo	http://slowrollbuffalo.org/
South Buffalo Alive	http://www.southbuffaloalive.com/
SPCA serving Erie County	www.yourspca.org
Street Synergy	http://www.streetsynergy.org/
SUNY Fredonia	http://www.fredonia.edu/gogreen/
Sustainable Earth Solutions	www.sustainableearthsolutions.com
Tifft Nature Preserve	http://www.tifft.org/tifft/
Tuscarora Environmental Task Force	http://www.tuscaroraenvironment.com
21 st 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.unwastenyny.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	www.wnyhikes.com
Western New York Land Conservancy	http://www.wnylc.org/
WNY Nursery and Landscape Association (PLANT WNY)	http://www.plantwny.com/
WNY Partnership for Invasive Species Mgmt (PRISM)	www.wnyprism.org
Western New York Science Congress	http://wnysc.org/
Western New York Service Learning Coalition	www.wnyslc.org
Western New York Stormwater Coalition	http://www2.erie.gov/environment/
Western New York Sustainable Business Roundtable	http://www.wnysustainablebusiness.org/
Western New York Sustainable Energy Association	https://www.facebook.com/WNYSEA
WNY Peace Center Renewable Energy Task Force	http://wnypeace.org/new/projects.html
West Side Ministries	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/