

Enviro-News

July, 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:

"Pope's Climate Encyclical Discussion"

The **Monday, July 6** meeting of the Sierra Club Climate and Clean Energy Writers' Group will host Sister Eileen O'Connor of the Diocesan Care for Creation Committee who will speak on the recently released Pope's Climate Encyclical. This free public event will be held from 6:00 pm to 7:30 pm at UU Church, Elmwood Ave. at West Ferry, Buffalo. Please use side garden entrance to access the 2nd floor. Contact billnowa@gmail.com for info.

Invasive Species Awareness Week

July 12-18 marks this year's Invasive Species Awareness Week. Check out the recently launched WNY Partnership in Invasive Species Management (WNY PRISM) website www.wnyprism.org and their e-newsletter available at the site. The events calendar lists volunteer and educational opportunities for community members.

Wines in the Wild 2015

The annual Wines in the Wild event at the Buffalo Zoo will be held on **Wednesday, July 22nd**. The event will feature a variety of food items, wines and beers, and a variety of specialty services vendors. Live music and visits from some of your favorite animal ambassadors will highlight the evening. Tickets are \$55 while supplies last. All ticket sales benefit the Zoo's Adopt an Animal program. This event takes place from 6:00pm – 9:00 pm, rain or shine. Guests MUST BE at least 21 years or older. For further information or to purchase tickets, please call 1-800-838-3006. [CLICK HERE](#) for tickets

Paddles Up Niagara

The 10th Annual "Paddles Up Niagara" will be held on **Saturday, July 25** along the southeastern shore of Grand Island and features a number of events from 7am -2:30pm. The non-competitive paddle starts at Little Beaver Island Launch Site and continues to East River Marsh Launch Site then back to Little Beaver all within Beaver Island State Park for a 4.8 mile journey. A Paddle Fair includes product demos, vendors and opportunities to try out kayaks. For more event information and event registration forms go to: www.niagaragreenway.org.

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.

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/>

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 Garden Walk-Bigger than Ever

The largest free garden walk in the US, the Buffalo Garden Walk, will take place on **July 25 and 26**. More than 400 gardens will be featured! Gardens will be open from 10am-4pm (unless otherwise indicated) and maps will be available at <http://gardenwalkbuffalo.com/>. Come out and enjoy summer's blooms.

Reinstein Woods Offers Summer Institute for Educators

The New York State Department of Environmental Conservation (DEC) is accepting registrations for a Summer Teacher Institute to be held **July 28-29** at Reinstein Woods Environmental Education Center in Depew. The Institute is designed for educators of students in kindergarten to grade 8, and will run from 9 a.m. to 3:30 p.m. each day. Teachers will learn effective techniques to enhance their teaching in math, English language arts, science and other subject areas. Hands-on activities that align with Common Core and New York State learning standards will cover topics such as invasive species, tree and plant identification, citizen science projects and bird-classroom connections. The training includes the Flying WILD curriculum that explores ideas for bird-related schoolyard enhancements, festivals and more.

The two-day program provides 12 hours of instruction for which in-service or continuing education credit may be available. Participants will receive written materials to enable them to transfer their new knowledge directly to their school. A materials fee of \$40 includes lunch on the second day. A registration form is available [online](#). Space is limited, so early registration is recommended. Teachers must register by **July 10, 2015**.

GRoW House Open House

A dynamic student team from UB is working tirelessly to finalize its entry for this year's Solar Decathlon, the U.S. Department of Energy's elite international competition to promote sustainability and green-energy technology. The UB team is one of 20 collegiate teams selected to design and construct a net-zero energy house for the contest. Please join us to tour the house before it heads to California to compete in October. The open house will be held on Wednesday, **August 5, 2015** from 8-10 a.m. at Riverview Solar Technology Park, 600 Riverwalk Parkway, Tonawanda, NY 14150. RSVP by **Friday, July 31**, to Jill Robins at jcrobins@buffalo.edu or 716-881-7481.

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 will be available soon on Modern's website: 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 information about those opportunities, contact the Lewiston Council on the Arts office at artstaff@artcouncil.org or 716-754-0166.

Pond Stocking for Erie County Residents

Erie County Soil & Water Conservation District is taking bass and minnow for ponds in the spring of 2015. Orders will be taken until July 13 with pick up on July 18 at 10am. For info check [Order Form](#).

2015 Erie Canal Cycle Tour Registration Open

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

Timber Framing for Everyone!

A six day Timber Framing course with Sarah Highland will be offered from **July 27th-Aug. 1st, 2015** in Ithaca, New York. Join us to learn the beautiful craft of timber frame carpentry. In this workshop we will cut and raise a timber frame for an outdoor pavilion. Participants will be exposed to all the joinery involved in constructing a modest sized building. We will tailor the workshop to meet the needs of beginners and experienced carpenters alike. In addition to the daily hands-on learning of woodworking skills as we cut our frame, we will have several evening sessions, where we will view slides and discuss a variety of topics relating to timber frame design and construction. No previous woodworking experience is necessary, and experienced carpenters are welcome and will also be challenged; anyone can participate! Regular tuition is \$775 To learn more and to register, contact Pierce Walsh at walshp.2000@gmail.com. For class content questions, call Sarah at (607) 2723475 To see more of Sarah's work check this link to her website <http://www.highlandartisan.com/viewourwork.html>.

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, please go to: <http://www.greenbuildexpo.com/Attendee/Home/Community/Scholarships>

Buffalo Tours Season Open

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

Buffalo LISC Community Development Award Nominations Open

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. Nominations are now open and will be accepted from through **July 16th 2015**. Award Categories include: Neighborhood Development Project of the Year, Buffalo Community Builder Award and the Buffalo LISC Building Sustainable Communities Award. Full awards descriptions and nomination information can be found here: [BUFFALO LISC CDA NOMINATIONS](#). An Awards breakfast will be held on Thursday October 1st 2015 at The Foundry Inn and Suites.

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.

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 demonstrations and activities in addition to the walk. Check out the event schedule [HERE!](#)

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>.

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](#).

Public Comment on Sewage Pollution Right to Know Regulations

The public is invited to submit comments on regulations to implement the Sewage Pollution Right to Know Law from **June 17 - July 31** and can now sign up for NY-Alert to receive notice of sewage discharges. Under the Sewage Pollution Right to Know Law, publicly owned treatment works and publicly owned sewer systems are required to notify DEC within two hours of a sewage discharge. DEC will then make the information available to the general public and neighboring municipalities through the NY-Alert system. DEC partnered with the NYS Division of Homeland Security and Emergency Services to enhance the electronic NY-Alert notification system so that reporting is free of charge to municipalities and the broadcasting of sewage spill alerts is rapidly available. NY-Alert is used by New York State agencies and municipalities for public safety messaging. For instructions on how to receive alerts through NY-Alert, visit www.dec.ny.gov/docs/water_pdf/publicalertdoc1.pdf.

Proposed State Wildlife Action Plan Now Available For Public Comment

The proposed State Wildlife Action Plan (SWAP) to protect rare and declining wildlife species is now available for public comment until Friday, July 17. The SWAP is a ten-year plan to protect rare and declining wildlife species that is being developed to update the 2005 Comprehensive Wildlife Conservation Strategy. The draft plan identifies 366 Species of Greatest Conservation Need (SGCN) in New York that need conservation actions to thrive. Such species include moose, least tern, northern diamond-backed terrapin, eastern spadefoot toad, lake sturgeon, barndoor skate, humpback whale, brook snaketail and barrens buckmoth. Of those 366, there are 167 species that are identified as high priority SGCN, including little brown bats, spruce grouse, Blanding's turtle, queen snake, American eel, sauger, winter flounder, horseshoe crab, dwarf wedgemussel and American bumblebee. An additional 113 species are seen as possibly needing conservation actions, including least weasel, mink frog, tiger shark, Scotia sallfly, and monarch butterfly. Surveys will help determine their current population status.

The [draft SWAP](#) is available on the NYSDEC website. Comments should be sent by July 17 to SWAPComments@dec.ny.gov or mailed to Joe Racette, NYSDEC, 625 Broadway, 5th Floor, Albany, NY 12233.

EPA Releases an Environmental Justice Screening and Mapping Tool

The U.S. Environmental Protection Agency (EPA) released EJSCREEN, an environmental justice screening and mapping tool that uses high resolution maps combined with demographic and environmental data to identify places with potentially elevated environmental burdens and vulnerable populations. EJSCREEN can help governments, academic institutions, local communities, and other stakeholders to highlight communities with greater risk of exposure to pollution based on 8 pollution and environmental indicators, including traffic proximity, particulate matter, and proximity to superfund sites. These indicators are combined with demographic data from the U.S. Census Bureau American Community 5-year Summary Survey enabling users to identify areas with minority or low-income populations who also face potential pollution issues. To access the tool, visit: www2.epa.gov/ejscreen.

EPA Recognizes Partners for Creating and Using Safer Choice Products

The U.S. Environmental Protection Agency (EPA) announced 21 Safer Choice Partner of the Year winners across 15 states for outstanding achievement in the design, manufacture, promotion, and use of Safer Choice products for the nation. Partner of the Year award winners represent a wide variety of leadership organizations. Participants include Fortune 500 companies, small- and medium-sized businesses, state governments, and non-governmental organizations. Regionally, Wegmans Food Markets (Rochester, N.Y.) was recognized. More on the 2015 Safer Choice Partner of the Year award winners at <http://www2.epa.gov/saferchoice/safer-choice-partner-year-awards>.

DEC Announces New Cazenovia Creek Wildlife Management Area

Lands along Cazenovia Creek in West Seneca, Erie County that were recently transferred to the State Department of Environmental Conservation (DEC) will provide additional recreation opportunities for people who enjoy fishing and other outdoor activities. DEC will designate the 127-acre tract as the Cazenovia Creek Wildlife Management Area (WMA) and open the property to public use later this year. The Cazenovia Creek WMA, located between East and West Road and Leydecker Road in West Seneca, will support a variety of native wildlife and also features several distinct floodplain habitats, as well as an upland forest located at the top of the creek ridge. People will be able to access trails throughout the parcel to view wildlife in the forest or fish the creek. For more information about the Cazenovia Creek WMA, contact DEC's Allegany sub-office at 372-0645.

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](#)

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.

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.

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.

Save our Swirled- Ben & Jerry's Climate Change Message

Ben & Jerry's Ice Cream has created a flavor to bring attention to the climate change issue. Their new "Save Our Swirled" flavor features raspberry ice cream, marshmallow and raspberry swirls, plus dark and white fudge ice cream cones. When you dig out a chunky spoonful, you notice the dark and white fudge ice cream cones that appear to be melting. Their stance on climate change and ice cream is one in the same: If it's melted, it's ruined!

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](#).

"Being Prepared For Climate Change: A Workbook for Developing 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. On the website, one can find videos highlighting the tool, as well as a case study on the San Juan Bay Estuary in Puerto Rico. Previously recorded webinars and other Climate Ready Estuaries Program resources are also available on this site. Click [here for the Climate Ready Estuaries Program risk-based adaptation page](#) to watch the San Juan success story and find workbook resources. Click [here to access the workbook](#).

Successful Treatment against White-Nose Syndrome for Bats

Seventy-five bats have been successfully treated for white-nose syndrome and released back into the wild. This fungus-caused disease is responsible for an estimated 5.7 million bat deaths. The bats released recently were successfully treated with a common bacterium that releases volatile organic compounds (VOC) with anti-fungal properties. The treatment discovery came from a lab investigating how ripening in bananas could be delayed by the VOC released by a bacterium (*Rhodococcus rhodochrous*). The researchers noted that the VOC released by the bacteria inhibited fungal growth. See more [here](#).

Community Air Monitoring Training-Webinar Opportunity

The U.S. EPA Office of Research and Development (ORD) is hosting a training webinar to share tools used to conduct citizen science projects involving Next Generation Air Monitoring (NGAM) technology and to educate interested groups and individuals on best practices for successful air monitoring projects on **Thursday, July 9, 2015 @ 9:00 am to 12:30 pm EDT**. The target audience are community action groups, nonprofit organizations, Tribal, regional, state and local air offices, and citizen scientists. EPA ORD is recommending viewing the webinar with a group (only one participant per group needs to register). Click for more details, contact information, and to register for the webinar: [here](#).

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. In addition to our distinguished group of session teachers, we have brought in a noted scholar to address the general conference, Tamara Ledley Senior Scientist and Chair of the Center for STEM Teaching and Learning, TERC, who will present on "Why Integrate Climate Science into Your Teaching?." Workshop sessions this year will cover teaching with cases in a "flipped" classroom, assessing students' case work, a POGIL approach to case studies, and much more! See below for a full listing of the conference sessions and other information. 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/>.

2015 CELF Summer Institute: Education for Sustainability

Join the Children's Environmental Literacy Foundation (CELF) from July 20-23 at Reid Castle, Purchase, NY for their K–12 educators professional development experience. Dive into the critical field of Educating for Sustainability with experts in the field and plenty of hands-on learning opportunities. Learn by doing and come away with new insights and place-based teaching methods that meet and exceed Common Core standards. Info at <http://www.celfeducation.org/WhatWeDo...>

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!](#)

[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. The program provides mentoring for both students and teachers at key points in the learning experience. 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.

[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**

Grant and Scholarship Opportunities

[Coastal Ecosystem Resiliency Grants Program](#) -NOAA has developed the program to build resilience of coastal ecosystems and communities in the United States. Awards will fund projects that develop healthy and sustainable coastal ecosystems through habitat restoration and conservation. A primary objective of the funding is to promote comprehensive planning efforts that address ecosystem resiliency, seek to minimize risks associated with extreme weather events, and provide for adaptation to known or potential climate change impacts. **Deadline: July 2, 2015**

[Regional Coastal Resilience Grants Program](#) will support regional approaches to undertake activities that build resilience of coastal regions, communities, and economic sectors to the negative impacts from extreme weather events, climate hazards, and changing ocean conditions. The program focuses on the development of safe and productive coastal communities through the development of policies, incentives, regulations, standards, and other tools and strategies. Awards will be made to organizations that advance resilience strategies in plans for land and ocean use, disaster preparedness, environmental restoration, hazard mitigation, or other regional, state, or community plans. **Deadline: July 24, 2015.**

[Consolidated Funding Application for New York State](#) provides funds for local economic development officials, municipalities, non-profit and businesses for projects that provide regional economic development. The CFA includes funding for: [Wastewater Infrastructure Engineering Planning Grants program](#) (EPG) and the [Water Quality Improvement Project \(WQIP\) grant program](#). **Deadline: Monday, July 31 at 4 p.m.**

[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 to residential or non-residential properties insured under the National Flood Insurance Program or to implement and sustain cost-effective measures designed to reduce the risk to individuals and property from natural hazards, while also reducing reliance on federal funding from future disasters. Due: **August 28, 2015.**

[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.

[Fish and Wildlife Technician](#) - NYS Department of Environmental Conservation is hiring a Fish and Wildlife Technician 2 for their Buffalo office. Application deadline- **July 10**.

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.

Community Air Monitoring Training- A training webinar will be offered on Thursday, July 9, 2015 from 9am-noon. Register [here](#). Space is limited to 500 webinar registrations. We recommend viewing the webinar with a group (Viewing Party) in a conference room so we can maximize the number of participants.

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:

Wednesday, July 1

Greater Buffalo Niagara Regional Transportation Council Meeting- 9:30 AM . Public Welcome. 716-856-2026. Niagara County Public Safety Building, 5574 Niagara St. Ext., Lockport.

Bike Tour with Riverkeeper-Free, but registration required. 5:45pm-8pm. Canalside.
Register at <http://bnriverkeeper.org/rivertours/bike-registration/>

Thursday, July 2

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.

WNYEA Energy & Climate Change Meeting- 5:30 at 1820 Liberty Building 424 Main Street Buffalo New York. Contact rknoer@knoergroup.com for info.

Wind Action Group Meeting- 7pm at 1820 Liberty Building, 424 Main St., Buffalo.

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.**

WNY Drilling Defense: Ban the “Bomb” Trains Meeting-6pm, Crane Branch Library upstairs, 633 Elmwood, Buffalo. Open to all.

Full Moon Walk – 8:30 to 10pm at Beaver Meadow Audubon Center. Join us in exploring the trails under the light of July’s Full “Buck” Moon! Adult Program. (BM) \$5. (585) 457-3228.

Friday, July 3

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, July 4

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.

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.

Zooper Saturday- (Featuring the Indian Rhinos and Delta Sonic Heritage Farm Animals). Learn about the Buffalo Zoo’s endangered Indian rhinos, and then be sure to stop in to say hello to the animals at the Delta Sonic Heritage Farm! 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.

Houghton Bog & Furman Fen Botanical Field Trip- Bog walk with members of Nature Sanctuary Society and Niagara Frontier Botanical Society. Meet at 8:30 at Sprague Brook Park, entrance on Route 240 at Foote Rd. Bring lunch and boots or water shoes. Leaders: Jim Landau (landaujr@gmail.com) & Joanne Schlegel (835-6042).

Sunday, July 5

Historic Chestnut Cabin Open House -11 am- 3 pm. On the national and state register of historic places, the Pfeiffer-Wheeler Cabin is in the middle of a restoration project. Trusted friends of the Nature Center will be on hand to make your visit exceptional. In addition to Cabin Tours, guided tours of the Outdoor Living Museum will be available starting every full hour. Cabin or Forest tours last approximately forty five minutes each. Children must be accompanied by an adult. This event will be held at: Pfeiffer Nature Center, Lillibridge Preserve, 1974 Lillibridge Road, Portville, NY 14770. This activity is free and open to the public. Donations are gratefully accepted. Visitors are always welcome. Reservations for tours are encouraged. If you are a group leader please contact Nature Center office to make arrangements. Please call 716-933-0187.

Trek Tiff- 2 to 3:00pm. Drop in on Sunday afternoon for a guided tour of the Preserve on our beautiful and accessible trails! All ages welcome. Please call 716.825.6397 to confirm walk will be taking place. \$2 donation per person appreciated

Allenberg Bog Tour- Buffalo Audubon Preserve tour led by Bob Johnson and Brenda Young. Meet at 9am in Springville. To reserve a spot, call 585- 457-3228 and receive trip details.

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.

Silo Spin-2:00 PM - 4:00 PM. Join Explore Buffalo on their Silo Spin bike tour. Registration and additional information here: [Silo Spin](#). \$15

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.

Monday, July 6

“Pope’s Climate Encyclical” at Sierra Club Writers Group Session- 6:00 pm – 7:30 pm at UU Church, Elmwood Ave. at West Ferry, Buffalo, use side garden entrance, 2nd floor. Sister Eileen O’Connor of the Diocesan Care for Creation Committee will speak on the recently released Pope’s Climate Encyclical. Free and open to the public.

Garden Walk Buffalo Planning Committee Meeting-7 p.m. at the Richmond Summer Senior Center. We welcome everyone to participate and help present the biggest and best Walk in 2015. If you'd like to help plan America's largest garden tour, we welcome your help. You do not need to live in the city to participate, organizers come from all over WNY. If you think you can make it, please email Garden Walk Chair Cindy Loomis at GardenWalkBuffalo@gardenwalkbuffaloniagara.com.

Tuesday, July 7

Trail Tuesdays-Every Tuesday from April through August from 6:30 to 7:30 PM. Turn your love for the outdoors into rewarding action. Assist with projects to help maintain and improve ecosystems and trails 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. All are welcome, if you have your own boat (canoe or kayak), there is no charge. 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.

Garden Talk: Gardening in Small Spaces- 12:15 – 12:45 p.m. at the Cornell Cooperative Extension of Genesee County, 420 East Main Street, Batavia. Join the Genesee County Master Gardeners for the new garden series, held the first Tuesday of the month. 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. Learn the basics of gardening in a small city lot from a Master Gardener who has created a beautiful flower garden in her limited space. [info](#),

Wednesday, July 8

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.

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

Bike Tour with Riverkeeper-Free, but registration required. 5:45pm-8pm. LaSalle Waterfront Park, Niagara Falls. Register at <http://bnriverkeeper.org/rivertours/bike-registration/>

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.

Crop Quality Control on Small Scale Organic Farms & High Tunnels- Falkimmer Farms Organic Growers, 8595 E Eden Rd, Eden, NY from 3:00pm-6:00pm. Learn about quality control and small-scale Organic farming. Beginning farmers Lisa and Bryan Falkowski grow Certified Organic vegetables, and have recently constructed a high tunnel to improve their production and extend the growing season for high-value crops like tomatoes. Tour several acres of cultivated fields for the full picture of how they produce quality organic produce (as well as maintain some sheep and laying hens), and how they market it through direct-to-consumer opportunities. Cooperative Extension Specialist Judson Reid will lead a demonstration and discussion of tomato pruning and other high-tunnel production practices that improve quality, especially in organic systems. Learn about the opportunities as well as the challenges related to working with season extension and high tunnels in Western New York. There will be plenty of time to network and to ask your own questions, and bring a dish to pass for the potluck at the end of the event! To pre-register and pay, shop [online](#) or call Stephanie at 585-271-1979 ext. 509. The fees are \$15/person or \$25 for two or more people/farm. Pre-registration is encouraged and closes at 4pm on 7/6/15.

Thursday, July 9

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.

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.

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.**

Friday, July 10

Fabulous Fireflies – 8pm at Beaver Meadow Audubon Center. Join us for a firefly craft, then experience a fun outdoor journey to see real fireflies and learn about other bioluminescent creatures from around the world. We will end around a campfire with s'mores! Pre-registration is required. (BM) \$7. (585) 457-3228.

Saturday, July 11

Pfeiffer Fun in Portville - 10 am-5 pm. Pfeiffer Nature Center is excited to meet you at Portville Heritage Day! Visit our booth and discover what upcoming nature adventures are in store for you. Heritage Day is sure to be “Good old fashioned fun for everyone”. The location is downtown Portville.

Dragons in Your Backyard-10:30 a.m. Discover the fascinating lives of dragonflies and damselflies on this guided walk. For adults and kids ages 8 and older. Reinstein Woods Nature Preserve. Registration required; call 716-683-5959.

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.

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

Insectival!-Contact 716.825.6397. Join us for a bug-tastic time at Tiff Nature Preserve where families of all ages can join in our annual celebration of insects and their crawly kin! Take part in an outdoor insect safari in search of real insects, create buggy crafts, meet live insects up close, explore educational insectigation stations, enjoy refreshments - some containing edible insects! - and much more. It's sure to be an insect-errific day! Choose a 10:00 a.m. or 12:00 p.m. entry time. This event sells out every year so don't delay on registering! All ages are welcome. Pre-registration required. \$7 non-members, BMS save 10%.

Hiking Tour of Sprague Brook County Park in Glenwood – Free hiking tour with Riverkeeper. 9:15-11:30am. Registration required. <http://bnriverkeeper.org/rivertours/hiking-registration/>

Buzz Around Hamburg Garden Walk- 10 a.m. to 4 p.m. Maps for the free self-guided tour will be available at the bandstand at Memorial Park, corner of Lake St. and Union St., Hamburg. All participating gardens will be clearly marked with “garden participant” signs. There will be a vendor fair at the park. Coupons for village restaurants and businesses will be included in the brochure. For more information, call 648-7544. www.hamburggardenwalk.com

Lockport in Bloom- city-wide garden tour will be held 10 a.m. to 4 p.m. The Evening Garden Walk will take place from 6:30 to 9 p.m.. Evening Garden Walk participants will be specially designated in the Lockport in Bloom map/brochure. This year's event will take place in conjunction with the City of Lockport's 150th anniversary celebration. Prior to the event, maps/brochures will be available at various local nurseries and business. On the day of the event, maps/brochures will also be available at the Garden Walk Headquarters at the Kenan Center; 433 Locust Street, Lockport. www.lockportinbloom.com

Samuel P. Capen Garden Walk- showcases gardens in the University District and surrounding communities, will be held from 10 a.m. to 4 p.m. www.ourheights.com/gardenwalk/. Tour is free. Pick up maps at the UB Anderson Gallery, 1 Martha Jackson Place (off Englewood Avenue, south of Kenmore Avenue), Buffalo. You can also pick up maps until 1 p.m. at the University Community Farmers Market, Main Street at Kenmore Avenue, Buffalo. There will be a complimentary shuttle provided by the University at Buffalo.

Town of Amherst Garden Walk- 10 a.m. to 4 p.m. The tour is free. Maps will be available on the [Town of Amherst website](#). You can also pick maps up at Arbordale Nurseries; 480 Dodge Rd., Getzville; Menne Nursery, 3100 Niagara Falls Blvd., Amherst, and at 111 Campus Drive West, Snyder, on the day of the walk. For more information, email darrylmoden@yahoo.com.

Twilight Trek- 7:00 to 9:00pm at West Falls Park. Enjoy an interpretive stroll through the woods and along the creek at dusk, one of the most active times of day as diurnal creatures wind down and nocturnal critters begin to rouse. Further information and registration at: <http://www.oakmossed.com/programreg.php>

Penn Dixie Astronomy Night-7:30 PM. Telescopes will focus on Jupiter and Venus, very low and close to each other just after sunset at 9 PM, Saturn will be lying low in the south in the constellation Libra, the Summer Triangle is now high in the east, for good viewing of M57 the Ring Nebula in Lyra and the Star Albireo in Cygnus, and a variety of other constellations. www.penndixie.org

Solar Jam-12:00 PM - 5:00 PM. Massachusetts Ave. Park (between Winter St. and Lawrence St.). Please join PUSH Buffalo, Ujima Theater Co, and the WASH Project as we celebrate our new solar program through PUSH Green! We'll have activities for the kids including roller skate and inline rentals from Turnaround Skates, - food, #solar workshops, solar tours, giveaways, and more!!!! Music will be provided by the Buffalo Afro Beat Orchestra. Note: Roller skate rentals are \$2 for kids under 12 and \$5 for everyone over 12. There will be two time slots for skating (12p-2p and 2:30-3:30p). Please try to bring your own helmets. This event is FREE and open to the public.

“Light and Life” –Join RTPi’s Educator Tina Nelson-Scherman and Conservation Technician Elyse Henshaw at [Panama Rocks Scenic Park](#) at 1:00 PM for this special program. From the darkness of the caves among the rocks we contemplate light and how essential it is to life. The presentation will explain what light is (waves of energy) and its role in photosynthesis. We then consider what happens if the site of photosynthesis, i.e. leaves are affected by pests, specifically Hemlock Woolly Adelgid and Emerald Ash Borer and how the loss of leaves changes the ecology of the forest. Info [here](#)

About Boating Safely Course- 8 hour course on boating safety offered in Youngstown, NY. Contact Bob Hasse at frhasse@gmail.com for info.

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.

Sunday, July 12

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. Don't hesitate to sign up, each outing is geared for small groups so we can spend quality time with each kayak or canoe. Cost is \$12 per kayak or canoe. Reservations are a must! Time: 9:00 am until approximately 11:30 am. Questions are welcome at: 716-213-0350 or christine@pathspeakspaddles.com

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 information and registration call (716) 282-5154.**

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.

Buzz Around Hamburg Garden Walk- 10 a.m. to 4 p.m. Maps for the free self-guided tour will be available at the bandstand at Memorial Park, corner of Lake St. and Union St., Hamburg. All participating gardens will be clearly marked with “garden participant” signs. There will be a vendor fair at the park. Coupons for village restaurants and businesses will be included in the brochure. For more information, call 648-7544. www.hamburggardenwalk.com

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Snyder-CleveHill Garden View- 10 a.m. to 4 p.m. Maps may be picked up at the Trillium’s Courtyard Florist, 2195 Kensington Avenue, Snyder, on the day of the event. A \$2 donation is appreciated since this is a self-supported garden tour. For more information, like them on [Facebook at Snyder-CleveHill Garden View](#) or email them at snyderclevehillgardenview@gmail.com.

Herb Gardens, Flowers and Pollinators-9am-5pm bus tour. \$79. Join horticulturist Sally Cunningham as we tour Cats Tail Farm Herbal Center and botanical sanctuary with herbalist Marian Prezyna, peek behind-the-scenes at the region’s largest herb producer (Mike Weber Greenhouses), dine at East Aurora’ Medici House, visit Masterson’s bee yard, and see the herbs and cut flowers at Henry’s Farm. http://www.horizonclubtours.com/sites/default/files/ggt_3-new-regional-tours_sally-cunningham_562-15_hct.pdf

Community Youth Bike Class: Learn to Ride- | Suggested \$10, 6 to 8pm. The first half of this class will focus on bike safety. The second half will focus on learning to ride a bike. Students will practice balancing, braking and turning, and how to ride safely in different situations. Suggested age 5-12. Students should bring a bike in good working order, helmet, and a parent or guardian. 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.

Trek Tiff- 2 to 3:00pm. Drop in on Sunday afternoon for a guided tour of the Preserve on our beautiful and accessible trails! All ages welcome. Please call 716.825.6397 to confirm walk will be taking place. \$2 donation per person appreciated

Monday, July 13

~~**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.~~

Kenan Garden Clean-Up- Friends of Kenan Herb Club will meet for a garden clean-up at 6 p.m. in the garden at Kenan Center for the Arts, 433 Locust St., Lockport. Following the clean-up, Bonnie Paser-Klos will give an herbal mini-presentation in the Taylor Meeting Room.

Tuesday, July 14

Advanced Birding: Flight- 2:00 p.m. This second session of Advanced Birding will focus on bird flight. For adults only. Reinstein Woods Nature Preserve. Registration required; call 716-683-5959.

Kenmore Garden Club Self-Guided Tour- A self-guided tour of members' gardens beginning at 9:30 a.m. The tour is free and open to the public. It will cover five gardens. [info](#)

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.

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

Community First Detector Invasive Pest Detection Workshop- 9:30am to 4:30pm at Science Center Lecture Hall, SUNY Fredonia. Presented by the National Plant Diagnostic Workshop. Invasive pests kill millions of trees, this includes hemlock wooly adelgid and emerald ash borer. Other species are threatening to invade New York causing further economic, ecological, and aesthetic damage. Early detection slows the spread of invasive species into new areas and offers the best chance of eradicating these pests. This is a special all day seminar that focuses on enhancing early detection of invasive plant pests that threaten agriculture, nurseries, home landscapes, and natural areas. This is open to anyone concerned about pest introductions. Receive credits and First Detector certificate upon completion of the workshop. Pre-registration is required and space is limited. Fee is \$30 per person. For more information or to register contact: Carri Marschner: (607) 255-6026, or email cam369@cornell.edu

Wednesday, July 15

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

Happy 130th Anniversary, Niagara Falls!- 10am to noon. [Niagara Falls State Park](#). This program will feature information about the past, present and future of Niagara Falls State Park. ***For information and registration call (716) 282-5154.***

Hiking Tour of Sprague Brook County Park in Glenwood – Free hiking tour with Riverkeeper. 9:15-11:30am. Registration required. <http://bnriverkeeper.org/rivertours/hiking-registration/>

Birdwatching Kayaking Tour of Hyde Park Lake in Niagara Falls – 5:45 to 8pm with Riverkeeper. Registration required at <http://bnriverkeeper.org/rivertours/paddle/>

Volunteer Open House at Beaver Meadow Audubon Center– 9 to 10:30am. Learn more about volunteering for Buffalo Audubon and participate in some outdoor work around the preserve. (BM) (585) 457-3228.

Thursday, July 16

Going Batty!- 8:00 p.m. Separate fact from fiction, and learn about the only true flying mammals. 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.

Fundamentals of Wastewater Asset Management Training- Dunkirk Clarion Hotel, Dunkirk, NY. \$60. Professional credit. Register [here](#).

Native Plantings and Habitat Restoration Site Tour-4:00 pm – 8:30 pm. You are invited to join WNY PRISM and Buffalo Niagara Riverkeeper (BNR) for a tour of native plantings and habitat restoration sites in the Buffalo Area. Part guided and part self-guided, the tour will include a diversity of sites, some of which are often closed to the public. This free event will begin with a tour of BNR Riverbend site, where construction is currently taking place on a shoreline restoration project. Additional sites will include Oxbow Wetland, Tiff Nature Preserve, Seneca Bluffs, and additional BNR projects. Participants will be provided with a map, tour guide that includes information about restoration work occurring at these locations, and a copy of BNR Western New York Guide to Native Plants for your Garden. WNY PRISM and BNR staff will be available at select sites to answer questions and provide tours. Registration is required. Space is limited due to available parking at some of the sites. For more info and to register, contact Patricia Shulenburg, WNY PRISM Education and Outreach Assistant at 716-878-4708 or shulenpl@buffalostate.edu. Please Register by **Monday, July 13th**.

Friday, July 17

Invasive Species Removal Volunteers Needed-The Land Conservancy is looking for volunteers to help with invasive species eradication at Kenneglenn Nature Preserve in Wales. 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

Night Lights Ken-Ton Garden Tour- 8:30-11 p.m. www.kentongardentour.com

Lancaster Village Garden Walk-Free. 8:45-11pm. Night showing of up to 8 gardens. [info](#)

Take a Hike: Water & Power- 10am to 1pm. Niagara Falls State Park. Hike with us to the remains of the Schoellkopf Power Generating Station 3. For *information and registration call (716) 282-5154*.

Famous Buffalo Gardens and Architecture- An easy pace customized bus tour guided by Sally Cunningham and the gardeners themselves to many of the city of Buffalo's famous gardens. A local guide will join us to highlight the historical sites and architectural treasures that draw preservationists from around the world. \$99. http://www.horizonclubtours.com/sites/default/files/ggt_3-new-regional-tours_sally-cunningham_562-15_hct.pdf

Saturday, July 18

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. Don't hesitate to sign up, each outing is geared for small groups so we can spend quality time with each kayak. Join us on Saturday: 5/23/15, 6/13/15, 7/18/15 or 8/22/15. 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

Summer Morning Forest Hike-Fog lifting, coolness before the heat of the day is a great time to visit and explore the trails of the Outdoor Living Museum of the Lillibridge Preserve. The beauty of the Nature Center is not weather dependent. Visitors are always welcome, but let a friend of the Nature Center inspire the wilderness spirit in you with this guided tour. Children must be accompanied by an adult. This event will be held at: Pfeiffer Nature Center, Lillibridge Preserve, 1974 Lillibridge Road, Portville, NY 14770. This activity is free and open to the public. Donations are gratefully accepted. **Please make reservations for this activity by Noon, Thursday, July 16, 2015.** Pfeiffer Nature Center is where science, art and nature come together. Please call 716-933-0187 or see registration link above.

Puddles to Ponds- 10:30 a.m. Bring your kids to explore the many life forms found in puddles and ponds. Reinstein Woods Nature Preserve. Registration required; call 716-683-5959.

Grand Gardens of the Niagara Portage Garden Walk-Free garden walk that will take place from 10 a.m. to 4 p.m. You can pick up a brochure at Oakwood Cemetery, 763 Portage Rd., Niagara Falls, NY. Other participating sites are the Niagara Arts and Cultural Center (NACC), Schoellkopf Park, Niagara Falls Public Library, Carnegie Building and City Hall. Each venue will offer activities, refreshments, restrooms and free parking. The New York State Trolley will provide continuous transportation between venues. Julie O'Connor from Complete Senior Care will be the trolley guide and give an informational talk along the trolley route. Riders must obtain a wristband at any of the venues that day to ride the trolley and stops will be made only at Oakwood Cemetery, Niagara Falls Public Library and The NACC/Schoellkopf Park as a combined stop. Special presentations are scheduled on an hourly basis in between other activities. <http://myoakwoodcemetery.com/> for schedule.

Ken-Ton Garden Tour- 10 a.m.-4 p.m. This is a free, self-guided tour. Headquarters will be at the Aquatic and Fitness Center, 1 Pool Plaza, Tonawanda. www.kentongardentour.com

Night Lights Ken-Ton Garden Tour- 8:30-11 p.m. www.kentongardentour.com

Lancaster Village Garden Walk-Free. 10 a.m.-4:30 p.m. Local artists will their talents in many of the gardens on Saturday and Sunday. Artists will be displaying, selling and working as weather permits. [info](#)

Village of Williamsville Garden Walk-10 am. to 4 p.m. Free. Pick up maps at the Williamsville Village Hall, 5565 Main Street, Williamsville. A farmers market will be held from 8 a.m. to 12:30 p.m. at the Williamsville Water Mill on East Spring St.

West Seneca Garden & Home Tour- 10 a.m. to 4 p.m. Pick up maps at the Charles Burchfield Nature Center, 2001 Union Rd., West Seneca or Mike Weber Greenhouses, 42 French Road, (French Rd. & Clinton St.), West Seneca. The tour is free. For more information, contact Dave and Sharon Pulinski at 824-3995 or Sharonpulinski@yahoo.com.

Dance of the Dragonfly- 2:30-4pm at [Knox Farm State Park](#). Join us for a hike at Knox Farm as we search for damselflies and dragonflies while exploring both ponds and fields. *For information and registration call (716) 549-1050.*

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

Creek Walk-10:00am to 12:30pm at Franklin Gulf Preserve. Join Earth Spirit for a family friendly hike through mature forests and along deep ravines which will take us to beautiful riffles and refreshing swimming holes, perfect for cooling off on a Summer day. This is a wonderful adventure for kids of all ages. Be prepared to get wet and have fun! Fee: \$7.00 member/ \$10.00 non-member. Register online at www.earthspiritedu.org.

"Sensational Saturday"- Niagara Power Vista in Western NY hosts this event from 10am-4 pm. For more information on this free event please call us at 866-NYPA-FUN (866-697-2386). Visit [NYPAAenergy on Facebook](#) for events, pics and more!

Hawk Creek's Wild Renn Fest- 11:00 am – 4:00 pm. Immerse yourself in Hawk Creek's unique renaissance-themed celebration of wildlife diversity! Exciting entertainment and activities for all ages include live wildlife presentations, bird of prey flight demonstrations, medieval reenactments, educational exhibits, food, music, art, and much more! [info tickets](#) Hawk Creek Wildlife Center, East Aurora.

PUSH Buffalo Monthly Meeting-3:00 PM. Our monthly meetings are a good place to begin to learn about the work that PUSH Buffalo is doing and how you can get involved. We're meeting at The Center On Grant, 271 Grant St in Buffalo NY.

Sunday, July 19

Ken-Ton Garden Tour- 10 a.m.-4 p.m. This is a free, self-guided tour. Headquarters will be at the Aquatic and Fitness Center, 1 Pool Plaza, Tonawanda. www.kentongardentour.com

West Seneca Garden & Home Tour- 10 a.m. to 4 p.m. Pick up maps at the Charles Burchfield Nature Center, 2001 Union Rd., West Seneca or Mike Weber Greenhouses, 42 French Road, (French Rd. & Clinton St.), West Seneca. The tour is free. For more information, contact Dave and Sharon Pulinski at 824-3995 or Sharonpulinski@yahoo.com.

Lancaster Village Garden Walk-Free. 10 a.m.-4:30 p.m. Local artists will their talents in many of the gardens on Saturday and Sunday. Artists will be displaying, selling and working as weather permits. [info](#)

South Buffalo Alive Garden Walk-9 a.m. to 3 p.m. Pick up maps in Tim Russert's Children's Garden, 2002 South Park Ave. (next to Dudley Library), Buffalo. A \$2 donation is requested. www.southbuffaloalive.com

Epic VegFest Beach Party Fun Raiser- 5-10pm at Woodlawn Beach Tiki Bar, beach and facility. Open to all. Child friendly! Boater friendly, just anchor to the right offshore of the beach and walk up with receipt. Live Music ! Fire dancers, & Hula dancers! Full Vegan Mexican Food Buffet! Dessert! Summer's Biggest Squirt Gun War!.. Advance tickets \$19 adults/\$10 kids. <http://www.wnyvegfest.com/events.php>

Trek Tiff- 2 to 3:00pm. Drop in on Sunday afternoon for a guided tour of the Preserve on our beautiful and accessible trails! All ages welcome. Please call 716.825.6397 to confirm walk will be taking place. \$2 donation per person appreciated.

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.

Hawk Creek's Wild Renn Fest- 11:00 am – 4:00 pm. Immerse yourself in Hawk Creek's unique renaissance-themed celebration of wildlife diversity! Exciting entertainment and activities for all ages include live wildlife presentations, bird of prey flight demonstrations, medieval reenactments, educational exhibits, food, music, art, and much more! [info tickets](#) Hawk Creek Wildlife Center, East Aurora.

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 asses 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.](#)

Brunch with the Birds- 11am at Wild Spirit Education, 11511 Bixby Hill Rd., Delavan. \$15. RSVP by 7/13. Join us for a casual brunch while you get to meet our educational birds of prey. Our naturalists and board members will be on hand to tell you all about the birds that help Wild Spirit educate across WNY as well as to enlighten you about nature and our organization. A brief "What We've Been Up To" at 12:30 will inform you of all that Wild. <http://www.meetup.com/Nature-in-WNY/>

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.

Bird Banding – 7 to 11am. Come observe our volunteers Bird Banding at Beaver Meadow. Space is limited in 45 minute time slots. Pre-registration is required. (BM) Donations. (585) 457-3228.

Monday, July 20

Monday Evening Paddle on The Buffalo River- Come join Paths, Peaks and Paddles and The Cooperage 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 pppinfo@pathspeakspaddles.com

Tuesday, July 21

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

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

Niagara River Greenway General Meeting- 3pm at Water Street Landing, 115 S. Water St., Lewiston, NY 14092. Executive Committee Meeting at 2pm at same location. Public review of proposals welcome. Info at <http://www.niagaragreenway.org/?q=node/509>

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. 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, July 22

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.

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

Klydel Woods Botanical Field Trip- 4:30pm a wetland forest in North Tonawanda now an Audubon preserve. Meet at Home Depot on Niagara Falls Blvd north of I-290. Leader: Michael Siuta, 822-2544.

Wines in the Wild 2015- 6 to 9pm at the Buffalo Zoo. Features a variety of food and dessert items, wines and beers, and a variety of specialty services vendors. Live music and visits from some of your favorite animal ambassadors will highlight the evening. Tickets cost \$55 while supplies last. Guests MUST BE at least 21 years or older. For further information or to purchase tickets, please call 1-800-838-3006. [CLICK HERE](#) for tickets

West Valley Citizen Task Force Meeting- 6:30 to 9pm at Ashford Office Complex, 9030 Rte 219, West Valley. Check site for agenda and meeting confirmation. <http://www.westvalleyctf.org/meetings.html>

Thursday, July 23

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.

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. 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 info and registration call (716) 282-5154.** 6:30-8:30pm.

Fabulous Flower Gardens, Hamburg and the Lake Shore- This fun day-trip includes several elegant private gardens, luncheon and tour of the professionally designed gardens at Wanakah Country Club, and education (plus shopping!) at a picturesque daylily farm at peak season. \$84. Bus transportation. http://www.horizonclubtours.com/sites/default/files/ggt_3-new-regional-tours_sally-cunningham_562-15_hct.pdf

Friday, July 24

Sky's the Limit-Tifft and Buffalo Harbor State Park present a family-friendly celebration of the sky with kite-flying, air and wind activities beginning at noon. For info on the free event, call 825-6397.

Saturday, July 25

Summer Wildflowers-10:30 a.m. Search for seasonal wildflowers, and learn their uses and folklore. For adults and kids ages 8 and older. Reinstein Woods Nature Preserve. Registration required; call 716-683-5959.

Garden Walk Buffalo- will be held from 10 a.m. to 4 p.m. It is a free, self-guided tour of more than 380 Buffalo gardens. www.gardenwalkbuffalo.com

Paddles Up Niagara -Beaver Island State Park. For more information: (716) 773-3271. Registration at <http://www.niagaragreenway.org/> Events from 7am-2:30pm

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

Hawk Creek's Wild Renn Fest- 11:00 am – 4:00 pm. Immerse yourself in Hawk Creek's unique renaissance-themed celebration of wildlife diversity! Exciting entertainment and activities for all ages include live wildlife presentations, bird of prey flight demonstrations, medieval reenactments, educational exhibits, food, music, art, and much more! [info tickets](#) Hawk Creek Wildlife Center, East Aurora.

Field Flutterers- 9:00am to 11:30am at Knox Farm State Park. We'll be seeking out the flighted creatures of the open field, be they insect or avian. From butterflies to birds, there are many species that fill the morning with activity. Further information and registration at: <http://www.oakmossed.com/programreg.php>

Christmas in July Bird Count for Kids – 10am to 1pm. Join the Buffalo Audubon Society's Jr. Audubon Club for all the fun of the Christmas Bird Count without the freezing temperatures! We'll teach kids how to properly use binoculars, identify field marks, find birds in their habitat and get involved in the WNY birding community! Pre-registration is required. (BM) Donations. (585) 457-3228.

Hike at Rushing Stream Audubon Nature Preserve – 10am. Acquired by Buffalo Audubon in 1968, Rushing Stream is a 50-acre preserve located about 9 miles south of Forestville in Chautauqua County. This preserve includes some upland areas where hemlock, beech, birch and maple trees flourish, and where woodpeckers can be found. Led by Director Loren Smith, come take an enjoyable walk through one of our seven preserves. We will meet at 9:30am at Denny's parking lot, Camp Road at Rt. 20 in Hamburg. Pre-registration is required. \$5. (585) 457-3228.

Lost Ladybug Project – 2 to 4pm at Beaver Meadow Audubon Center. Entomologists at Cornell University need your help! Join us to learn more about how you can actively participate in this citizen science program and help learn more about how we are losing North American ladybug species. Free materials to get started! Pre-registration is required. (BM) Donations. (585) 457-3228.

Stewardship Saturday at Tifft-10am to noon. Volunteer at Tifft to help with outdoor projects. Children must be 12 and accompanied by an adult if under 18. Free and no tools required. Pre-register at www.tifft.org.

Sunday, July 26

Garden Walk Buffalo- will be held from 10 a.m. to 4 p.m. It is a free, self-guided tour of more than 380 Buffalo gardens. www.gardenwalkbuffalo.com

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.

Buffalo Paddle-Bike-Run- a brand new outdoor adventure event at Silo City! Proceeds generated by the race will support Buffalo Niagara Riverkeeper. More details are available on [Buffalo Paddle-Bike-Run's website](#).

Hawk Creek's Wild Renn Fest- 11:00 am – 4:00 pm. Immerse yourself in Hawk Creek's unique renaissance-themed celebration of wildlife diversity! Exciting entertainment and activities for all ages include live wildlife presentations, bird of prey flight demonstrations, medieval reenactments, educational exhibits, food, music, art, and much more! [info tickets](#) Hawk Creek Wildlife Center, East Aurora.

Trek Tiff- 2 to 3:00pm. Drop in on Sunday afternoon for a guided tour of the Preserve on our beautiful and accessible trails! All ages welcome. Please call 716.825.6397 to confirm walk will be taking place. \$2 donation per person appreciated

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.

Monday, July 27

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

Friends of Kenan Herb Club-6pm. Group will meet for a garden clean-up at 6 p.m. in the garden at Kenan Center for the Arts, 433 Locust St., Lockport. Following the clean-up, Linda Hedley and Holly DeMarco will give a mini-presentation on herbal liqueurs in the Taylor Meeting Room.

Tuesday, July 28

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

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

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.

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

Wednesday, July 29

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

Birding 101: Class #7- 6:30 p.m. Meet the thrush family, some of the most beautiful songsters of the bird world. For adults and kids ages 8 and older. Reinstein Woods Nature Preserve. Registration required; call 716-683-5959.

Fish Pond Seminar- Genesee County Soil & Water Conservation present an informative seminar for pond owners and landowners considering a pond at 5pm at the DeWitt Recreation Area on Cedar St. in Batavia. To register, call 585-343-2362. A \$2 fee covers grilled items and tableware and attendees are asked to bring a dish to pass.

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

Thursday, July 30

Botanics & Brews- 6pm-9pm. A fundraising event to support the Botanical Garden's 2015 Gala at the Gardens Auction. For ticket information, please contact the development department at 827.1584 ext. 203. <http://www.buffalogardens.com/collections/events/products/botanics-brews-1>

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

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. 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 info and registration call (716) 282-5154.** 6:30-8:30pm.

Friday, July 31

Full "Buck Moon" Walk- 8:30 p.m. Enjoy a guided walk along the trails as we learn some interesting facts about white-tailed deer and observe their behaviors. For adults only. Reinstein Woods Nature Preserve. Registration required; call 716-683-5959.

Full Moon- 8 to 10pm at Beaver Island State Park. The full moon certainly gives nature a mysterious glow! There will be a presentation filled with moon lore, facts and stories, followed by a short walk. **For information and registration call (716) 282-5154.**

Blue Moon Family Movie Night – 9pm. Watch a movie at Beaver Meadow Audubon Center under the stars and light of the July Blue Moon! Popcorn and refreshments will be available for sale. Bring a blanket or lawn chairs. If the weather doesn't cooperate, we will move the party indoors! Pre-registration is required. (BM) Donations. (585) 457-3228.

Sawmill Operation Open House-Have you ever wondered what a state-of-the-art sawmill operation looks like? Come see for yourself at 1:00 p.m. when Gutchess Lumber, 10660 Maple Grove Road, Freedom, New York 14065 will be treating NYFOA Niagara Frontier Chapter and Allegheny Foothills Chapter members to a tour of its "cutting edge" facility. No reservations are required, but please let Mitch Banas know at mbanas@jaeckle.com (preferably) or 716/983-6895 if you plan on attending so you can be notified of any last-minute changes in schedule .

"Blue" Full Moon Wine & Cheese Paddle- Please join us out at Wilson Tuscarora Park on Friday July 31, 2015 at 7:30pm for a kayak outing. 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. Bring a flashlight. If you have questions contact us at 213-0350 or at pppinfo@pathspeakspaddles.com

Blue Moon Meander- For adults only, Tifft Nature Preserve from 8:15-9:45pm. Leave your flashlights off and enjoy a twilight guided walk. \$5. Pre-register at www.tifft.org

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 at St. Mark's/All Saints Church, 311 Ontario Street, Buffalo or the Buffalo Religious Arts Center, 157 East St., Buffalo. 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.

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](#)

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.buffaloudubon.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

Tips for the Environment:

- 1. Schedule a home energy assessment-** Before our seasons change again, take advantage of NYSERDA's Energy Efficiency Program and get a free or low cost assessment. Depending on your income, you may be eligible for free or low interest improvements to cut your energy bills. Visit <http://www.nyserda.ny.gov/All-Programs/Programs/Home-Energy-Efficiency-Upgrades>
- 2. Free up your summer- eliminate junk mail, get your bills via e-statements etc.** Most utilities, credit cards and banks issue statements electronically and may even reward you for electing that option. Remove yourself from mailing lists for credit card offers and catalogs that you don't want. Try <https://www.catalogchoice.org/>, http://www.directmail.com/mail_preference/, [more tips here](#)
- 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.

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

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

Chemicals play a major role in our everyday lives. They are part of what we eat, where we work, and how we live. Many toxic chemicals can be found in our soil, water, air, and bodies. This contamination is seriously affecting the health of humans and wildlife everywhere. Our schools, and places of work, can all be sites of hazardous chemical contamination and many toxic elements may be found in your own home.

This month I would like to make some suggestions about **going green** in the home. Many of us can remember that our grandmothers used home-mixed cleansers to get the job done.

Read the labels before you buy anything - Household products such as detergents, floor and furniture polish, paints, and various commercial cleaning products may contain hazardous chemicals such as ammonia, sulfuric and phosphoric acids, lye, chlorine and formaldehyde.

You can help protect children at home - Use natural products for cleaning agents such as baking soda, vinegar and used coffee grounds. These are safer to use and are also inexpensive.

Vinegar and baking soda can be used to clean almost anything. Mix a little warm water with either of these and you have an all-purpose cleaner. Baking soda not only removes unpleasant odors coming from your fridge, it also eliminates odors in your carpets or furniture. Just sprinkle on a little baking soda to soak up some of those odors and then vacuum it up.

Clean your indoor air naturally - Discontinue buying store-bought air fresheners and instead try boiling cinnamon, cloves, or any of your favorite herbs also **keep the bugs** away with an eco-friendly citronella candle instead of DEET.

Unclog your sink naturally in a matter of minutes without chemicals. Flush your drain with a pot of boiling hot water and allow all of the water to drain through completely. Pour ½ cup of baking soda down the drain, followed by ½ cup of vinegar. Cover the drain opening for 5 -10 minutes, uncover and flush the drain again with boiling hot water. This process will safely loosen up any grime that has built within the drain pipe.

Caution: Never mix ammonia and bleach! Mixing these chemicals creates a harmful gas that can be fatal.

Clean Cars - Use baking soda to clean your car lights, chrome, windows, tires, vinyl seats and floor mats without worrying about unwanted scratch marks. Use a baking soda solution of 1/4 cup baking soda in 1 quart of warm water. Apply with a sponge or soft cloth to remove road grime, tree sap, bugs and tar.

Remove Oil and Grease Stains - Use baking soda to clean up light-duty oil spills on your garage floor or in your driveway. Sprinkle baking soda on the spot and scrub with a wet brush.

Clean Corroded Batteries - Baking soda is a mild alkali and can be used to neutralize battery acid corrosion on cars. Be sure to disconnect the battery terminals before cleaning. Make a paste of 3 parts baking soda to 1 part water; apply with a damp cloth to scrub corrosion from the battery terminal. After cleaning and re-connecting the terminals, wipe them with petroleum jelly to prevent future corrosion. Please be careful when working around batteries-they contain a strong acid.

Coffee grounds can be used to mulch around acid loving plants in the garden to deter snails and slugs. Roses, azaleas, rhododendrons, evergreens and hydrangeas like coffee grounds for the natural acidity and nutrients they add to the soil. Also you can sprinkle coffee grounds around areas of ant infestation to deter them.

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.caewny.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.

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

Additional calendars with local events-

<http://artvoice.com/calendar>

<http://www.citybration.com>

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

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

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

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

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

<http://buffalorising.com>

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

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

Additional local blogs and websites-

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Green Jobs, Internships and Opportunities

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

Education Resources

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

Youth Summer/Holiday Camps

www.buffaloaudubon.org
www.buffscience.org
www.buffalozoo.org
www.penndixie.org

Grant Opportunities

<http://assembly.state.ny.us/gan/>
www.wnygrantmakers.org/
www.grantstation.com
www.grantwatch.com

www.grantwrangler.com
www.grantsalert.com
<http://www.glrprr.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.olfarmnewlife.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
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 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	http://www.groundworkbuffalo.org/
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/
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://newyork.sierraclub.org/Niagara

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.sustainableeartholutions.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/