# **Enviro-News**

# June, 2016

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 and Lesley Haynes' column
- Volunteer Opportunities, Recycling, CSAs and Farms, Organization links

### Articles:

### Allegany Nature Pilgrimage

The 2016 Allegany Nature Pilgrimage, a weekend that features nature hikes, speakers and fun for the whole familyis **June 3, 4, and 5.** Online registration is available at <a href="www.alleganynaturepilgrimage.com">www.alleganynaturepilgrimage.com</a>. There will be two excellent evening tent programs. Friday night brings Ken Keffer with "Conservation Lessons from a Vagabond Naturalist" and on Saturday evening we will welcome Robin Foster speaking on "The Hellbender: Allegheny's Living Fossil." For more details, log onto <a href="http://www.alleganynaturepilgrimage.com/programs.html">http://www.alleganynaturepilgrimage.com/programs.html</a>. Just a reminder - all participants must secure their own lodging for this event. Day passes are available as well.

#### Wine and Wags Social

On **June 8** from 5:30-8pm the Erie County SPCA will be hosting its Wine and Wags Social at Buffalo Harbor State Park and we can't wait for you to see how incredible it will be! Wine and Wags is an evening of food and fun for you and your dog. You'll enjoy samples from dozens of area restaurants, wineries, and breweries. For info and tickets, visit <a href="http://www.yourspca.org/wine-and-wags-2016">http://www.yourspca.org/wine-and-wags-2016</a>. Tickets \$40 in advance, \$50 at gate. Dogs welcome.

### WNY Earth Day Family Expo-Exhibitors Invited

The annual WNY Earth Day Family Expo - Party for the Planet at the Buffalo Zoo is on **Saturday, June 25, 2016**, from 10:00 a.m. to 3:00 p.m. This fun and educational event draws an average of 300 children plus their families yearly and is free with zoo admission. The event features a scavenger hunt for children who visit exhibitors' tables to learn about the environment. Organizations and businesses are invited to exhibit- fee is \$25 for a display table, two chairs and free zoo admission for display volunteers. Reserve your space by June 10 by contacting vicki.haas@erie.gov. For info on the event, visit <a href="http://www.wnyearthday.org/">http://www.wnyearthday.org/</a>

#### Reinstein Woods Basket Raffle

Friends of Reinstein Woods invites the public to the "Reinstein Woods Basket Raffle" on **Saturday, June 11th** from 5:00 p.m. to 8:00 p.m. at Reinstein Woods Nature Preserve. The event will raise funds to support environmental education programs that Reinstein Woods performs at the nature preserve and throughout the community. Tickets are \$10 and includes a grand prize raffle ticket and a "Reinstein Float", a dessert made with maple walnut ice cream and birch beer. Pizza, baked goods, and light refreshments will also be for sale. Tickets may be purchased at the door or online at <a href="www.reinsteinwoods.org/basket-raffle">www.reinsteinwoods.org/basket-raffle</a>. Reinstein Woods Nature Preserve is located at 93 Honorine Drive, Depew, NY 14043.

### iMap Invasive Training Class

New York iMapInvasives will be holding spring training sessions coordinated through the <a href="Partnerships for Regional Invasive Species Management (PRISM)">Partnerships for Regional Invasive Species Management (PRISM)</a>, and will include training for basic and advanced data entry. There will also be species identification modules offered this year as well, with more details to come. Anyone interested in mapping invasive species locations and management efforts is welcome to attend these free sessions! Contact <a href="mapinvasives@nynhp.org">imapinvasives@nynhp.org</a> with any questions. Training is free, and anyone is welcome to attend one or both of the modules - but registration is required. Western New York training is offered **Thursday, June 16** from 10am-2pm at Letchworth State Park Visitor Center, Castille, NY. Click to REGISTER.

### Green Roof Design and Building Class

A three day "Green Roof Design and Building Class" will be taught from **June 17-19**. The class will meet from 7-9pm on Friday, June 17 at The Foundry and from 11am-6pm on Saturday and Sunday at a building site. The course will be taught by Dave Lanfear, owner of Green Top, a green roof design and construction company. Cost is \$180 (\$150 for students). info

## **Household Hazardous Waste Dropoff for Erie County**

Erie County Department of Environment & Planning will be hosting a "Household Hazardous Waste Drop-off Day" on **Saturday, June 18, 2016** at the ECC South Campus (near 4836 Big Tree Rd., Hamburg 14075). The event, open to all Erie County residents from 9am-2pm., will allow for the safe disposal of hazardous items that cannot be thrown out in the regular garbage, helping to reduce pollution and the potential contamination of groundwater. For more info and a full list of items that will be accepted, visit <a href="www.erie.gov/environment">www.erie.gov/environment</a>.

#### 1st Annual Sci-Jinks and Drinks

Join the Buffalo Museum of Science on **Friday, June 24th** from 6-9pm for our NEW action-packed happy hour fundraiser! For one night only, the Museum will transform into a carnival featuring thrilling games, science magic, cash bars and live entertainment. The magic of science and thrill of childhood carnival fun! Admission includes all activities, one (1) complimentary drink (beer and wine), live entertainment, snacks, and access to all of the Museum's permanent exhibits and galleries. Food trucks will be on site with food for purchase, along with a cash bar. Tickets are \$40 for non-members, \$35 for Museum members. Adults 21 and over only. Tickets are limited and many not be available at the door. Don't delay!

### 2016 Preservation Award Nominations Invited

Preservation Buffalo Niagara is now accepting submissions for the 2016 Preservation Awards, which will be presented on Thursday, October 13. Nominated projects must have been completed between 1/1/2013 and 1/1/2016. Nomination forms will be accepted in hard copy or electronic form. All nominations must be received by **July 1, 2016**. Please call Olivia at (716) 852-3300 with any questions.

#### Spring 2016 Fish and Grass Carp Sale

Erie County Soil and Water Conservation District annual sale of Bass and Minnows to assist landowners with managing fish in their ponds. Orders due by **July 11, 2016** with pick up July 16, 2016 at 10:00 am. Order Form

#### Wines in the Wild

The ProZoo Board and the Women's Board will host the annual Wines in The Wild event at the Buffalo Zoo on **Wednesday, July 20th** from 6:00 p.m. - 9:00 p.m. rain or shine. The event 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. Early-bird tickets cost \$45 and are available for a limited time while supplies last. Tickets include all food and beverage tastings. A limited number of VIP tickets are available for \$100 and include one hour early entry, special VIP wine glass, and a champagne toast. Guests MUST BE at least 21 years or older. CLICK HERE to purchase online

### 2016 New York Invasive Species Awareness Week-Events Needed

New York Invasive Species Awareness Week (ISAW) is a statewide effort being held the week of July 10-16, 2016 to educate and inform citizens of New York about the threat of invasive species and opportunities for action. We need your help! The Western New York Partnership for Regional Invasive Species Management (WNY PRISM) is organizing several events in your area. However, we need more local events, presentations, workdays, and field tours to help make ISAW a success. To have your event be a part of ISAW and supported by WNY PRISM, please submit the information to Andrea Locke, WNY PRISM Coordinator at <a href="lockeas@buffalostate.edu">lockeas@buffalostate.edu</a>. All event information will be posted online at <a href="www.nyis.info/blog">www.nyis.info/blog</a>, and WNY PRISM can provide event leader resources. Event information is requested by June 17th, if possible, so that there is adequate time to upload information to the website.

### **Reuse Action Needs your Reusable Materials**

Have used furniture, cabinetry or building supplies? Don't send them to the landfill, donate them to Reuse Action. Check out our website at<u>www.reuseaction.com</u>, call our store at <u>716-894-3366</u>, or stop by 980 Northampton Street for a visit any Tuesday, Friday or Saturday from 9am-4pm. Profits from sales put people to work!

## Massachusetts Avenue Project (MAP) Receives \$15,000

The Massachusetts Avenue Project (MAP) is proud to announce a \$15,000 grant from the First Niagara Foundation to support youth leadership, job training and education. MAP's Growing Green program employs 45-50 youth annually, providing training on urban agriculture, food systems and food justice issues. The goal of Growing Green is to create innovative and meaningful, training jobs and entrepreneurship opportunities for disadvantaged youth and to increase healthy food access in Buffalo's low-income neighborhoods. Beyond the knowledge and skills that MAP youth learn while in the program, many gain confidence, find their voice, and gain a new perspective of the world. First Niagara's on-going support has not only bolstered MAP's programming, but also its capacity for growth. This summer, MAP will break ground on a \$2M, 11,000 Sq. Ft. Farmhouse. The Farmhouse will be a hub for food and agriculture-based education, resources and volunteer opportunities to Buffalo residents, schools, community gardeners and organizations.

### 2016 Good Jobs, Green Jobs Conference

Registration is now open for the. This year's Conference is **June 6** in Cleveland, Ohio. Senator Sherrod Brown, a 2013 BlueGreen Champion, will be speaking. The Conference is about investing in America. Good Jobs, Green Jobs affords an opportunity to join with labor, environmental, business, and community leaders to forge the links between the economic possibilities created through protecting the environment and solving climate change. The full Conference, including the BlueGreen Champions Luncheon, is just \$199! Reserve your spot at <a href="https://app.certain.com/profile/form/index.cfm?PKformID=0x22855686d43">https://app.certain.com/profile/form/index.cfm?PKformID=0x22855686d43</a>

### Clean Energy Economy Conference

The 2016 Clean Energy Economy Conference (CEEC) is set for **June 13-15** at the SUNY Polytechnic campus in Utica. This conference serves as a forum for individuals, businesses, educators, community leaders, industry professionals, and others to share information about cleaner, greener energy opportunities across the region. The conference represents a partnership between the North Country and Mohawk Valley Regional Economic Development Councils and provides a unique setting for collaboration across these two adjoining regions of New York State. Registration and details for the CEEC are at <a href="http://ncenergyconference.org/">http://ncenergyconference.org/</a>.

### Armed to Farm Workshop

The Cornell Small Farms Program and the National Center for Appropriate Technology (NCAT) will conduct a week-long Armed to Farm workshop at the White Eagle Lodge in Hamilton, New York this summer from **August 8th through August 12th.** The program is available to military veterans in New York State who are interested in starting a farm or who have been farming for less than 10 years and who wish to learn more skills, explore sustainable and diverse enterprises, and improve or change their farm business plans. **Applications are due by July 1**<sup>st</sup> and can be submitted online **here**. The program includes most meals, all materials, and lodging for the week. More information about Armed to Farm and other NCAT farmer veteran resources can be found at the link www.ncat.org/armedtofarm/

### Free Energy Audits for Small Businesses and Non-Profits

Small businesses and non-profits that have 10 full time employees or less and an average annual electric demand of less than 100 kW are eligible for a free energy audit through the NYSERDA Small Commercial Energy Efficiency Program (SCEEP). Following a site visit to assess your facility, you will receive a report showing identified energy savings measures, estimated energy savings, estimated cost savings, and the costs to install the measures. This info can help you make informed decisions about implementing energy efficiency improvements. NYSERDA SCEEP energy audits are provided in Western New York, the Genesee-Finger Lakes Region and the Southern Tier by C.J. Brown Energy. For more information or for assistance in completing an application, contact Lisa Grabenstatter, C.J. Brown Energy's Energy Program Administrator, at (716) 565-9190 or lag@cjbrownenergy.com.

#### **Buffalo Bike Share**

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

### **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 <a href="http://parks.ny.gov/recreation/boating/boating-safety-class.aspx">http://parks.ny.gov/recreation/boating/boating-safety-class.aspx</a>.

### We Are NY Video Series

To celebrate the 50th anniversary of the National Historic Preservation Act on 1966, the New York State Office of Parks, Recreation and Historic Preservation created a series of short videos featuring personal stories about historic places, including Elmwood Village in Buffalo, Rock Island Lighthouse State Park in the Thousand Islands region and the Underground Railroad History Project in Albany. Each video captures the strong emotional connections that New Yorkers have to their hometowns and heritage. They also show that historic places establish a community's identity and sense of place as well as enrich our lives, and that these special places are the cornerstones of our shared memories.

#### **Food not Bombs**

Buffalo Food Not Bombs prepares shares a free vegan meal with anyone who is hungry at Lafayette Square on Mondays and Saturdays from 1 to 2 p.m. Volunteers are ALWAYS welcome! Food Not Bombs shares food as a form of political protest, drawing attention to the fact that society fails to provide food and housing for all people, while hundreds of billions of dollars are given to fund wars and state violence. For info, <u>foodnotbombs</u>

### **Local and Regional Food System Resource**

Sustainable Agriculture and Research Education (SARE) has released a four-page topic brief, "Building Local and Regional Food Systems", which provides an introduction to different facets of local and regional food systems and directs readers to resources. This topic brief is a companion to SARE's Farm to Table: Building Local and Regional Food Systems Topic Room. Topics covered in the print brief and online include business planning, marketing, distribution and aggregation, farm to school, food processing, and community development. Download here.

# **Tool for Sourcing Local Meat**

A new website is available to help consumers locate local farmers who produce meats. You will be able to connect with local producers to choose the growing practices that suit your lifestyle and help support the regional economy. Visit the tool at <a href="http://meatsuite.com/">http://meatsuite.com/</a>

### Food Policy Voter's Guide

Visit the Grow WNY website for a voter's guide on how the presidential candidates stand on various food policy issues. <a href="http://www.growwny.org/wnyea/issues-advocacy/food-advocates-voter-guide-issue-5-the-environment/">http://www.growwny.org/wnyea/issues-advocacy/food-advocates-voter-guide-issue-5-the-environment/</a>

# **Aquarium of Niagara Special Programs**

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

### Hemlock Woolly Adelgid Educational Video

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

# **Change Food Video Library**

Change Food is pleased to announce the official launch of <u>The Change Food Video Library</u>. The Library consists of a growing database of the best short-length videos on various topics infood and farming, including talks from Change Food, The Real Food Media Project, TED, TEDxManhattan and other TEDx events. Videos from other organizations are currently being evaluated. Topics include antibiotics, food waste, food justice, local food, food policy, farmers and much, much more. Select videos are supplemented with online educational information such as links to other sites, discussion materials, actions and campaigns, and reading suggestions. The Library has also developed an online event guide to help anyone around the world organize and host their own video event, whether it be a lunch time video club or an all day extravaganza.

# USDA Toolkit to Assess Economic Impact of Local Foods

This new USDA toolkit will help communities and businesses evaluate the economic benefits of investing in local food systems. It was developed by the Agricultural Marketing Service (AMS) to help communities reliably evaluate the economic impact of investing in local and regional food systems. The Local Food System Toolkit provides detailed guidance in seven modules to measure and assess the expected economic impacts of local food investments. The toolkit can be downloaded as a PDF here.

### New Long-Term Extension of Wind and Solar Tax Credits

The Consolidated Appropriations Act, 2016 signed into law in December, 2015 re-enacts the production tax credit (PTC) and investment tax credit (ITC) for wind energy projects and modifies and extends the 30% ITC for solar energy projects. The Act generally provides a five-year extension, with a step-down in the amount of credit available depending on when construction of a project commences. For more info, <u>read.</u>

### Phosphorus Reduction Targets of 40 percent to Improve Lake Erie Water Quality

Canada and the U.S. have adopted targets to reduce phosphorus entering affected areas of Lake Erie by 40 percent. The targets will minimize the extent of low oxygen "dead zones" in the central basin of Lake Erie; maintain algae growth at a level consistent with healthy aquatic ecosystems; and maintain algae biomass at levels that do not produce toxins that pose a threat to human or ecosystem health. Algae occur naturally in freshwater systems. They are essential to the aquatic food web and healthy ecosystems. However, too much algae, linked to high amounts of phosphorus, can lead to conditions that can harm human health and the environment. Since the 1990s, Lake Erie has seen an increase in algal growth that has compromised water quality and threatens the Lake Erie region's recreation-intensive economy. The targets were developed after extensive public input from a diversity of sectors. The 2015 harmful algal bloom in Lake Erie was recorded as the largest bloom this century.

### Chevrolet Volts Aggregate Purchase and Municipality Rebates

The deadline has been extended until June 15, 2016 for mini-bid form submission for aggregate purchase of Chevrolet Volts for state and municipal fleets! Deliveries will still take place in the fall of 2016. DEC is developing a Climate Smart Communities Zero-Emission Vehicle and Infrastructure Municipal Rebate Program. The 2016-17 Environmental Protection Fund establishes a new climate change mitigation and adaptation account, which will make \$3 million available for clean vehicle projects. Municipalities will be able to apply to the state for rebates of up to \$250,000 for clean vehicle infrastructure projects, such as publicly available charging stations and hydrogen fuel stations or up to \$5,000 per vehicle for the purchase of clean vehicles, including zero emission vehicles and plug-in hybrids. The EPF budget legislation authorizes rebates on vehicles placed into service on or after April 1, 2016. Please stay tuned for more information on this program.

To participate in the aggregate purchase of Chevrolet Volts, you must be an authorized user of NYS Contracts. Please be sure to register at <a href="https://nyspro.ogs.ny.gov/content/using-ogs-centralized-contracts-0">https://nyspro.ogs.ny.gov/content/using-ogs-centralized-contracts-0</a>. If you have any questions, please feel free to contact Brendan Woodruff at (<a href="mailto:brendan.woodruff@dec.ny.gov">brendan.woodruff@dec.ny.gov</a> or 518-402-9159) or Pamela Hadad-Hurst (<a href="mailto:pamela.hadadhurst@dec.ny.gov">pamela.hadadhurst@dec.ny.gov</a>).

### New York's Water in Peril

Environmental Advocates released their new report, <u>Tapped Out: New York's Clean Water in Peril</u>, which documents sewage overflows and the rampant underreporting of such spills in New York State. The dangers of untreated sewage include waterborne pathogens, parasites, and disease-causing organisms such as E. coli and rotavirus. When sewage overflows into local waterways, it leads to boil water alerts, and waterbodies closing for recreation and activities due to the potential for sickness or even death. According to their analysis of Department of Environmental Conservation (DEC) data, there were nearly 2,700 sewage overflows reported between May 2013 and June 2015, amounting to 160 million gallons of untreated sewage discharged into our waterways.

#### Green Streets: The Road to Clean Water Video

This video highlights green streets as a technique for managing stormwater and providing other economic and community benefits. Shown are examples of green streets in localities that have worked with EPA and other partners to incorporate green streets as part of their stormwater management plans. Green features shown include porous pavement, rain gardens, vegetative curb areas, and sidewalk trees. Watch the video.

### Proposed New NYS Regulations to Prevent Contamination from Solid Waste Facilities

Governor Cuomo has announced proposed revisions to the state's solid waste regulations to increase protections for public health, safety, natural resources and the environment. The proposed changes include measures to regulate previously unregulated facilities such as mulch processing, activities, and waste streams within the state's existing solid waste management program. The proposed revisions also streamline and reduce regulatory burdens for entities while maintaining environmental protections. While not allowed in New York now, the proposed regulations specifically prohibit the use of high-volume hydraulic fracturing brine from use in New York State. In addition, the proposed regulations will update the regulations governing the transport of waste, local solid waste planning and state grants to provide better clarity to municipalities, regulated facilities and companies, and ensure the quick dispersal of funding to promote recycling and waste reduction. Copies of the proposed rule can be found at: <a href="http://www.dec.ny.gov/regulations/propregulations.html">http://www.dec.ny.gov/regulations/propregulations.html</a>. DEC has established an extensive public comment period to solicit feedback from residents and impacted facilities, and will accepted comments through July 15, 2016. Comments can be sent to SolidWasteRegulations@dec.ny.gov.

# **Traffic Straddling Bus to Debut in China**

China may soon implement a new approach to incorporating public transportation into existing infrastructure. The "Transit Explore Bus" is an elevated bus that can straddle cars on roads. It is supported by legs that run on rails along the roadside. The bus design can accommodate 1400 passengers. read more

### Plastics Made from Methane-eating Bacteria

Mango Materials founders have developed a way to produce a biodegradable plastic using bacteria fed by methane. Methane gas is generated in landfills, wastewater treatment and other industrial activities. When supplied with methane, these bacteria then produce a biopolymer of poly-hydroxybutryate (PHB) which is very similar to polypropylene. The PHB is then used to create "plastic" products like shampoo bottles, toys, and packaging. These plastics biodegrade back down to methane unlike our current fossil fuel-derived plastics. Mango Materials is currently only producing research grade materials but will hopefully start commercial use soon.

# Web-based Tool to Assist Natural Area Managers in Invasives Management

The Invasive Plant Management Decision Analysis Tool (IPMDAT), developed by The Nature Conservancy, helps natural resource managers to determine if an invasive plant control project is likely to be successful and if it warrants an investment of their agency's or organizations resources. The aim of IPMDAT is to guide decision makers so their projects ultimately have a high likelihood of success and provide a good return on investment. The IPMDAT is available as an online tool at <a href="https://www.ipmdat.org">www.ipmdat.org</a>. The Nature Conservancy and the NY Natural Heritage Program worked with the developers of iMapInvasives to create a web-based, step-by-step process to select and document the most strategic option for individual projects. This tool is freely available to everyone, and uses your browser's cache to save and print up to three projects at a time. If you have an iMapInvasives account, you have the option to save the results of your project evaluation for others to view. Please visit <a href="www.ipmdat.org">www.ipmdat.org</a> to begin thinking through your potential projects, whether large scale management decisions or backyard issues.

### Thinking about Solar for a Building?

The New York Solar Energy Society has compiled a list of questions to ask a solar installer. If you are considering an installation, review the checklist as you consider installers. Click for list questions

### **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.

# New Federal Toolkit Provides Guidance for Citizen Science Programs

The recent Open Science and Innovation Forum at the White House launched the release of the Federal Crowdsourcing and Citizen Science Toolkit. The Toolkit provides guidance for federal agencies to design, carry out, and manage citizen science projects. Learn more about the new toolkit.

# **Environmental Working Groups Guide to Healthy Cleaning**

Environmental Working Group's Guide to Healthy Cleaning now provides detailed information on more than 2,500 products, letting you easily find out about the health hazards and ecological concerns associated with the thousands of chemicals in cleaners. Check it out at **EWG's Guide to Healthy Cleaning.** You can also download their app.

### Free National Park Pass for Every 4th Grade Student

To help engage and create our next generation of park visitors, supporters and advocates, the White House, in partnership with the Federal Land Management agencies, launched the Every Kid in a Park initiative. The immediate goal is to provide an opportunity for each and every 4th grade student across the country to experience their federal public lands and waters in person throughout the 2015-2016 school year. Beginning September 1st all kids in the fourth grade have access to their own Every Kid in a Park pass at <a href="www.everykidinapark.gov">www.everykidinapark.gov</a>. This pass provides free access to national parks, national forests, national wildlife refuges, and more! The Every Kid in a Park pass is good for the 2015-2016 school year, until August 31, 2016.

# Bird App Available

Audubon has released an updated version of the <u>Audubon Bird Guide app</u> and it's now free to bird lovers nationwide. With 821 species profiles and 3200-plus world-renowned bird photos, Audubon's award-winning app instantly turns any mobile device into the most trusted field guide in North America. To download the Audubon Bird Guide, go to: <a href="www.audubon.org/apps">www.audubon.org/apps</a>. The free app also provides a great new way to engage more people in becoming active participants in conservation action. <a href="Find a toolkit">Find a toolkit</a> of resources on Audubon Works to help you share the free app with your members and supporters. The toolkit includes tips and tricks for using the app, email and social copy and images, ecards, a poster, and a captivating video.

### All About Birds: Interactive Learning

Here's a fun way to learn about bird anatomy. Cornell's Institute of Ornithology has created Bird Academy with an interactive tool that allows you to study the anatomy of a bird and place more than 100 parts in the proper location. Start building your bird <a href="here">here</a>. To enjoy the spectacular diversity of bird life while exploring the artistry of the Cornell Lab's new mural, Bird Academy's new <a href="Wall of Birds interactive">Wall of Birds interactive</a> invites you to view the painting in its entirety and zoom in on any of the 270 species to appreciate each brushstroke. One click uncovers each creature's way of life, voice, and range—all powered by recordings from the Macaulay Library and dynamically-updated observation maps from eBird.

### Don't Miss Trailer for A Plastic Ocean

<u>Plastic Pollution Coalition</u>, an Earth Island project, is a proud supporter of Plastic Oceans, a global nonprofit that seeks to change the world's attitude towards plastic within a generation. Plastic Oceans' biggest project yet has been to produce *A Plastic Ocean*, a powerful documentary that will play a key role in spreading the message to stop plastic pollution to the world. <u>Watch the trailer</u>.

### **Professional Development Credits for Teachers**

Earn PD Credit Hours! Complete a free webinar from the Wildlife Conservation Society. Visit <a href="http://www.wcs.org/educators/professional-development/webinars">http://www.wcs.org/educators/professional-development/webinars</a> for more information and to register, or call 718-220-5136. PD participation certificates are available to those who participate in the live event.

# Fall Case Study Teaching in Science Conference

The annual Fall Case Study Teaching in Science Conference will be held **September 16-17, 2016**, in Buffalo, NY. The conference offers sessions for both the beginner and advanced case study teacher and is formatted for college and high school teachers. In addition to our distinguished group of session teachers, we have brought in a noted scholar to address the general conference, Lolita Paff, Associate Professor, Business and Economics, Penn State Berks, to present on Classroom Interaction to Promote Learning. Workshop sessions this year will cover alternative assessments in large lecture classes, addressing misconceptions with case studies, promoting discipline-based oral communication, flipped cases, and much more! 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, 2016. Register now at workshop

# **Teacher's Resources**

<u>Flipside Science</u> is a youth-powered series that tackles complex environmental topics and empowers viewers to make a difference. This engaging and upbeat collection of videos, hosted by California Academy of Sciences youth, explores how local communities are addressing environmental problems with solutions ranging from vertical farming to greywater recycling.

<u>Changing Circumstances: Looking at the Future of the Planet from Literacy through Photography</u> is a free curriculum for grades 5-8 that focuses on issues of global sustainability and humanity's changing relationship to the world around us, as well as the economic, social, and personal impacts of those changes. Image Galleries include Climate Change, Globalization of Natural Resources, and New Technology.

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

The Story of Climate Change, an interactive textbook for Grades 5-8 is available for download with iBooks on your Mac or iOS device. Students watch glaciers melt, dive into the world's coral reefs, and explore bike-share programs all from their tablet! The Story of Climate Change is the first interactive iTextbook for middle school students.

<u>Think It Up</u> invites public school students in grades 7-12 to develop student-powered, teacher-led, crowdfunded learning projects that address real-world problems, generate new ideas, and prepare for 21st-century challenges.

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

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

Climate Jam Games provide fun resources for students.

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

<u>12 Pathways to Greening Your School</u> 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 <u>FREE MEMBER NOW!</u>

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

<u>Living Schoolyard Month DIY Lake Science App</u>-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.

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

<u>Dr. Seuss's The Lorax activity book</u> is one of EPA's most highly sought after publications and is available for free to schools and classrooms around the country.

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

<u>Essential Lens: Analyzing Photographs Across the Curriculum</u> 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.

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.

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

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

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

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

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

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

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

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

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

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

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

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

# **Contests and Awards**

Controlling Algae and Water Quality-Calling all entrepreneurs: If you have what it takes to stop the world's growing algae menace, you could win \$10 million from Everglades Foundation of Palmetto Bay, Fla. The goal is to identify the most "cost-effective solution to remove phosphorus from water bodies". The George Barley Water Prize launches summer 2016.

# **Grant and Scholarship Opportunities**

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.

Food Safety Outreach Competitive Grants Program-NIFA requests grant applications for the Food Safety Outreach Competitive Grants Program. Awardees will develop and implement food safety training, education, extension, outreach and technical assistance projects that address the needs of owners and operators of small to mid-sized farms, beginning farmers, socially disadvantaged farmers, small processors, or small fresh fruit and vegetable merchant wholesalers. These are audiences affected by new food safety guidelines established under the Food Safety Modernization Act (FSMA). Approximately \$4.7 million in grant funding is available. Cooperative Extension, organizations representing farmers and with public health and food safety expertise, state and local governments, and institutions of higher education may apply. Deadline: **June 2, 2016.** 

Rural Cooperative Development Grant Program-This program administered by USDA Rural Development improves the economic condition of rural areas by assisting individuals and businesses in the startup, expansion, or operational improvement of rural cooperatives and other mutually owned businesses through Cooperative Development Centers. Nonprofit corporations and institutions of higher education are eligible to apply for matching grants up to \$200,000 to operate a Rural Cooperative Development Center. Deadline: **June 20, 2016**.

Northeast SARE Professional Development Grants-The Professional Development program funds outcome-based projects that train Cooperative Extension educators and other agricultural service providers in the Northeast SARE region in sustainable techniques and concepts. Awards typically range from \$30,000 to \$150,000. **Pre-proposals due June 23, 2016.** 

<u>Sewage Pollution Right to Know Grant</u>- New York program will assist communities with the detection, monitoring and reporting of Combined Sewer Overflows (CSOs), which will enhance reporting for the Sewage Pollution Right to Know law. Up to \$500,000 is available for this grant program. Deadline: **June 24, 2016**.

Value-Added Producer Grant Program-USDA is making up to \$44 million in matching funds available to farmers, ranchers and businesses to develop new bio-based products and expand markets through the Value-Added Producer Grant program. Value-Added Producer Grants may be used to develop new products and create additional uses for existing ones. Priority for these grants is given to veterans, members of socially disadvantaged groups, beginning farmers and ranchers, and operators of small- and medium-sized family farms and ranches. Additional priority is given to applicants who seek funding for projects that will create or increase marketing opportunities for these types of operators. The maximum grant is \$75,000 for planning and \$250,000 for working capital. Deadline: paper applications is **July 1, 2016**. Electronic applications are due June 24, 2016.

Refugee Agricultural Partnership Program Grants-This U.S. Department of Health and Human Services program seeks to implement strategies that encourage the development of agricultural and food systems related services that will improve the livelihoods, physically and economically, of refugee families. These strategies work to provide sustainable or supplemental income, improved access to healthy foods and better nutrition, psychosocial development, and enhanced integration into communities by refugee families. The grant has \$50,000 to \$100,000 available per year for a period of 3 years. Deadline: **July 6, 2016.** 

Outreach and Education, Technical Assistance, and Financial Education for FSA Programs - seeks proposals to further support and expand FSA's existing outreach and education efforts. The additional outreach and education could, for example, be public meetings, training sessions, and/or workshops for producers including new and beginning farmers, veterans, underserved communities, and/or established producers. Emphasis will be afforded to proposals that propose to address producers who are ethnic minorities, women, new and beginning, veterans, urban, or who grow non-commodity crops (e.g., fruits and vegetables or specialty crops). Proposals may include innovative outreach approaches that ease the learning curve for farmers and ranchers through training on best practices, common challenges and solutions, and local networking opportunities. The subject matter should include an introduction to FSA, its programs, and common provisions that generally apply. Public and State controlled institutions of higher education and nonprofits can apply for a total of \$2.5 million, in cooperative agreements up to \$99,999. Deadline: July 11, 2016.

<u>Water Quality Improvement Project (WQIP) program</u> – The WQIP program is a competitive, reimbursement grant program that funds projects that reduce polluted runoff, improve water quality and restore habitat in New York's waterbodies. The WQIP program has \$25.9 million available and the Engineering Planning Grant has up to \$2 million available. <u>Multiple workshops</u> are being held where presentations will be given on both grant programs. Deadline: **July 29, 2016.** 

Engineering Planning Grant- DEC, in conjunction with the New York State Environmental Facilities Corporation (EFC), is offering grants to municipalities to help pay for the initial planning of eligible Clean Water State Revolving Fund (CWSRF) water quality projects. Grant funds can be used to pay for engineering and/or consultant fees for engineering and planning services for the production of an engineering report. Multiple workshops are being held where presentations will be given on both grant programs. Deadline: July 29, 2016.

Agriculture and Food Research Initiative--Water for Agriculture Challenge Area. Funding will be used to develop management practices, technologies, and tools for farmers, ranchers, forest owners and managers, public decision makers, public and private managers, and citizens to improve water resource quantity and quality. Priority funding areas are identified online. The anticipated amount available for grants in FY 2016 is approximately \$10.7 million. Deadline: August 4, 2016.

Wells Fargo Clean Technology and Innovation Grant Program funds projects and programs related to research and development for new and emerging clean technologies by working with universities, colleges, research institutes and laboratories as well as entrepreneur incubator, accelerator and business plan competitions. Beginning in 2014, the program will operate as a closed RFP, invitation only process where Wells Fargo engages specific institutions whose work aligns with our giving criteria. If you would like to submit a topic for consideration please email a brief description (150 words or less) to: <a href="mailto:environmental.affairs@wellsfargo.com">environmental.affairs@wellsfargo.com</a>

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

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

N. G. Kaul Memorial Scholarship will be offering up to \$5000 in scholarships to students pursuing graduate or doctoral degrees in environmental/civil engineering or environmental science concentrating on water quality who show a commitment to government service. Deadline is **February 28, 2017**.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

# **Employment and Internship Opportunities**

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

### **Citizen Science**

<u>Great Sunflower Project</u>- Record pollinators (not just on sunflowers) in your garden or other sites to help scientists monitor pollinator populations.

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

<u>Budburst</u> involves citizens in recording when plant species break their buds and flower in their region. For those interested in recording other seasonal changes, visit <a href="https://www.usanpn.org/natures">https://www.usanpn.org/natures</a> notebook.

The Great Lakes Marsh Monitoring Program- is designed to collect information about the presence and abundance of bird and amphibian species in Great Lakes coastal and inland marshes, to contribute to our understanding of these species and their habitat needs. For information on assisting with local efforts, please contact: David Spiering, Regional Volunteer Coordinator Ecologist at Tifft Nature Preserve (716) 896-5200 ext. 202 <a href="mailto:dspiering@sciencebuff.org">dspiering@sciencebuff.org</a>.

<u>Fun with Frogs!</u>-FrogWatch USA is a frog and toad monitoring program where volunteers learn the calls of local frog species, identify them by song in the field and record their findings online.

<u>Water Assessments by Volunteer Evaluators (WAVE)</u>- is a citizen-based water quality assessment developed by the NYS Department of Environmental Conservation (NYSDEC). The purpose of WAVE is to enable citizen scientists to collect biological data for assessment of water quality on wadeable streams in NY State. Samples WAVE citizen scientists collect benthic macroinvertebrates from wadeable streams. To do so, participants submit sampling locations for review and attend a four-hour training session that provides hands-on experience with the required collection methods. Sampling can be conducted any time between July 1 and September 30. The US EPA equipment loan program offers high quality equipment for bacteria and chemical monitoring. For info on borrowing equipment visit: <a href="http://www3.epa.gov/region02/citizenscience/">http://www3.epa.gov/region02/citizenscience/</a>.

<u>Chimp\_and\_See-</u> Help primatologists study chimp behavior by scanning videos from the field for interesting behaviors.

# 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 alliance and see a list of working groups  $\underline{\text{here}}$ .

# **Upcoming Community Activities:**

### Wednesday, June 1

**GBNRTC-PCC Meeting-**9:30AM at NYS Thruway Authority. Public invited to discuss transportation issues. Monthly meeting locations rotate, so you can confirm at 856-2026.

**Consolidated Funding Application Workshops**-1:30 to 4:30pm at Jamestown Community College. The Regional Economic Development Council's statewide training workshops will provide an overview of the Consolidated Funding Application (CFA) process and how to access up to \$750 million in economic development funding from agency programs through one application. Info and RSVP for Workshop at <a href="http://regionalcouncils.ny.gov/genericcfa/2016-cfa-workshops">http://regionalcouncils.ny.gov/genericcfa/2016-cfa-workshops</a>

Rally for 100% Clean Renewable Energy in NY State-The Climate Justice Coalition of WNY and the Sierra Club Niagara Group need YOU in Albany to tell our lawmakers that we demand a Clean Energy Economy with Good Jobs, Healthy Communities, a Livable Climate and Justice for ALL! Get your BUS Tickets here: Buffalo Bus To Albany.

**Senior Stroll**-10:30am. Experience nature at your own pace, and enjoy a leisurely guided walk through the woods. For adults only. Reinstein Woods Nature Preserve, Depew. Registration required; call 716-683-5959.

### Thursday, June 2

**After School Escape**- 4:30-5:30 p.m. at Reinstein Woods Nature Preserve. Kids and their parents or caregivers together can enjoy a different, fun, hour-long outdoor activity each week. For kids in grades K through 5. No registration required. Info at 716-683-5959.

**Wellness Walk at Tifft Nature Preserve**-10:00am - 12:00pm. Enjoy the fresh air and the sights and sounds of the season with a healthy, guided outdoor walk on our trails! Please call 716.825.6397 to confirm walk will be taking place. \$2 donation per person appreciated.

**Fruit Jam-**\$10, 6:30pm. One of a series of homesteading classes. Classes will be held at CCE Niagara at 4487 Lake Avenue, Lockport NY. Preserving food from your garden or the farmers' market is an essential homesteading skill. Inclass you will learn the proper equipment to use for home canning as well as learn how toprepare fruit jam. Instructional materials are included in the class price. For required preregistration or for info contact Amanda at 716-433-8839 x231 or <a href="mailto:app27@cornell.edu">app27@cornell.edu</a>.

Thursday Evening Stress Reducer Paddle-Tradition continues with our Thursday evening paddles out on Lake Ontario! Whether you are new to the sport or an avid paddler the lake is always different. Some evenings we paddle very flat water while other evening we are out playing in the swells and waves. And every Thursday evening ends with a wonderful sunset. Come join the Paths, Peaks & Paddles guides. 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. The vibrant colors across the sky and mirrored on the lake is breathtaking. Here you can really appreciate Mother Nature and the beauty she shares with us. 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.

**Orchard Park Garden Club Meeting-**11:30 a.m. at the Orchard Park Presbyterian Church, 4369 S. Buffalo St., Orchard Park. Sign-ups begin at 11:30 a.m., with refreshments at noon and the program at 12:30 p.m. The program will be a perennial plant exchange. Members are encouraged to bring in one perennial from their garden to exchange by a lucky draw of numbers. Gail Klanian is chair.

**Trail Thursdays**-6:30pm. 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. Reinstein Woods Nature Preserve, 93 Honorine Dr., Depew. Registration required unless otherwise noted; call (716) 683-5959.

**Just Transition Public Meeting-** Clean Air Coalition sponsors from 5:30-7pm. For location, check https://www.cacwny.org/

**League of Women Voters of Buffalo/Niagara Happy Hour-** Everyone is welcome. No reservations necessary, just be there! 5:30 — 7:30 p.m at Buffalo RiverWorks 359 Ganson Street, Buffalo, NY 14203. Have you ever been curious about League committees and activities? Or ways you might get more involved? Here's a great chance to ask questions and find out. Come unwind after work — or whatever your day holds — and chat with new and old friends from the League! No speaker, no presentation, no agenda... just an informal get-together. BYO food and drinks

### Friday, June 3

Allegany Nature Pilgrimage -, a weekend that features nature hikes, speakers and fun for the whole family. Online registration is available at <a href="www.alleganynaturepilgrimage.com">www.alleganynaturepilgrimage.com</a>. This year, the Saturday evening BBQ and vegetarian meals will be PRE-SALE only, deadline May 20. No meals can be purchased on the weekend of the event. There will be two excellent evening tent programs. Friday night brings Ken Keffer with "Conservation Lessons from a Vagabond Naturalist" and on Saturday evening we will welcome Robin Foster speaking on "The Hellbender: Allegheny's Living Fossil." Just a reminder - all participants must secure their own lodging for this event. Day passes are available as well.

UB's Summer Workshops: Aquatic & Terrestrial Invasive Species Management-all day at UB North Campus (details provided to participants). Join Helen Domske (NY Sea Grant) and Paul Fuhrmann (Ecology & Environment, Inc.) for a workshop on local aquatic and terrestrial invasive species. This workshop will cover topics such as the impacts of invasive species on local ecosystems, management of invasive species, and invasive species of concern in our region. There will be site visits to local invasive species removal and management projects. This workshop is part of the annual Summer Ecosystem Restoration Workshops at the University at Buffalo. For more information, please visit our website or email Amy Bartlett at <a href="mailto:amyb@buffalo.edu">amyb@buffalo.edu</a>.

**Central Terminal Propulsion Art Party**- 7:00 PM - 11:00 PM, During the weekend of June 3-5, the community will come together to celebrate the historic Buffalo Central Terminal, the East Side, the arts, and bikes! The celebration kicks off with a Friday art party called "Propulsion", which will feature DJ music, artists, and a fashion show.

We binar - Climate Smart Communities Grant Program-10:30 am - 12:00 pm, This webinar will provide an overview of the Climate Smart Communities Grant Program, including eligible applicants and project types, funding restrictions, scoring criteria, and special program requirements. Participants will have an opportunity to ask questions and get answers from grant program staff. In addition, the webinar will provide information on the Climate Smart Communities Certification program, including how certification is supported through the Climate Smart Communities Grant Program, the benefits of certification, and how to get started. *Please provide us with your name and community affiliation, either via email or telephone to the Office of Climate Change at climatechange@dec.ny.gov*. *In the event that we cancel or postpone this webinar, respondents will be notified.* Meeting Number: 647 594 437; Meeting Password: CSCGrants1 For webinar, https://meetny.webex.com/meetny/j.php?MTID=m20f5c3e05b69cb42775e9387819c1aa4

### Saturday, June 4

**Horticulture IV: Herbs and Medicinal Plants** – Buffalo & Erie County Botanical Gardens. Classes are from 11am-1pm. Cost is \$130/series or \$27/class for non-members, discount for members. \*If registering for individual classes, please note what class you are signing up for in the "Special Instructions" section during checkout. http://www.buffalogardens.com/collections/adults/products/horticulture-iv-spring-2016

**Field Trip: Iroquois NWR** - Please join the Buffalo Ornithological Society with leader Celeste Morien for a roundup of our locally rare and highly sought after specialties...Prothonotary and Cerulean Warblers, Black Tern, Acadian Flycatcher and Yellow-throated Vireo. Black Terns are declining so quickly that you will want to make the effort to enjoy these beauties as they snatch up insects over the marsh. We will begin at 8 AM on Meadville Road south of Rt. 77 by the little bridge. This will involve a walk back to the end of the first woods, maybe a .3 miles distance. Other short walks would be involved, Swallow Hollow (@1.2) and Onondaga (@1.5) Trails. This will be a half day trip. If you'd like, bring a lunch to the Visitor's Center picnic tables at the end of the trip to eat and check the progress on the new Refuge Headquarters Trail! Leader: Celeste Morien (Ph: 585-721-8202, E: celeste.morien@gmail.com)

Allegany Nature Pilgrimage -, a weekend that features nature hikes, speakers and fun for the whole family. Online registration is available at <a href="www.alleganynaturepilgrimage.com">www.alleganynaturepilgrimage.com</a>. There will be two excellent evening tent programs. Friday night brings Ken Keffer with "Conservation Lessons from a Vagabond Naturalist" and on Saturday evening we will welcome Robin Foster speaking on "The Hellbender: Allegheny's Living Fossil." Just a reminder - all participants must secure their own lodging for this event. Day passes are available as well.

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

**Becoming an Outdoors**-Woman (BOW) is partnering with Seabirds International to offer women- only kayaking instructional sessions in Western NY. Sessions will be Saturdays 10am-noon on June 18, July 16 and August 27 or 5:30-7:30pm on June 22, July 20 and August 3. Cost is \$60 for two hours. Locations vary. To register or get further information: send an email to seabird.ava@gmail.com. Spaces are limited.

Central Termin8er Race and Festival- During the weekend of June 3-5, the community will come together to celebrate the historic Buffalo Central Terminal, the East Side, the arts, and bikes! There will be a bike race around the terminal, with plenty of other Buffalo-centric events and festivities to enjoy, including a farmers' market, musical arts, a beer garden, food trucks and a vendor village. GObike Buffalo will be teaching Bike Safety, and hosting Mechanics Clinics and a Kids' Bike Rodeo. Central Termin8er organizers are partnering up with South Fillmore Block Club and the Greater East Side Field of Dreams Block Club to ensure that the event is represented in the best possible light, with active participation from the entire community. Fillmore-Broadway neighborhood organizations are proud to recognize and endorse the race and the associated activities, as a symbol of a united community that seeks the best for all of Buffalo. Details and registration at http://www.centraltermin8er.com/

**Volunteer Tree and Plant ID Program**-10am. Learn how to identify trees and plants along the trails. This program is for Reinstein Woods volunteers or those who would like to become volunteers. Adults only. Reinstein Woods Nature Preserve, Depew. Registration required; call 716-683-5959.

**Woods Walk: Birds**-11am. Join a guided nature walk through the woods as we look for birds. Reinstein Woods Nature Preserve, Depew. No registration required.

**Historic Home: Energy Efficiency Workshop-**Preservation Buffalo Niagara workshop. Check for time online. Learn how to improve the energy efficiency of your historic home and lower energy bills without losing the historic features that give your house its character, including energy audits, common problem areas, simple fixes, and when to hire a contractor, all at PBN's Historic Home: Energy Efficiency Workshop. Also hear about incorporating new green technologies and some of the City of Buffalos homeowner programs available to improve the energy efficiency and sustainability of your home from PUSH Green and West Side and Black Rock Riverside Neighborhood Housing Services. Tickets may be purchased online or by calling (716) 852-3300.

**Adventure Hike 1**- 10:00am–3:00pm in Letchworth State Park with Earth Spirit Educational Services. A challenging hike through secret places in search of old growth trees, hidden streams and ponds, unique wildlife and special seasonal happenings. Register Now!

**Pond Study at Bond Lake-**Families are invited to participate in a pond study at Bond Lake Park! This pond exploration event will run from 1 to 3 pm. Meet us in the Bond Lake parking lot at about 12:45 pm to pick up your field equipment. You can leave at any time you like during the event. If you have aquarium nets at home, please bring them. This event is free and open to all ages, and is sponsored by the Bond Lake Environmental and Beautification Committee. Heavy rain cancels this event, though drizzle will not deter us from these activities. Any questions, please call Carol at 694-3488.

**Full Moon Walk**-7:30 to 9pm. View nature through Native American folklore. Meet at Kanyoo Trail at Iroquois National Wildlife Refuge.

Observatory at Beaver Meadow-8pm – 11pm. The Buffalo Astronomical Association will take visitors on a guided tour of the night sky. When the weather doesn't allow observing, presentations and telescope clinics are offered. Visitors are invited to bring their own equipment. Donations Starts at dusk.

**Buffalo Ornithological Society Field Trip: Iroquois NWR and Vicinity**- rain date of Sunday, June 5th. Please join the BOS with leader Celeste Morien for a roundup of our locally rare and highly sought after specialties. Prothonotary and Cerulean Warblers, Black Tern, Acadian Flycatcher and Yellow-throated Vireo. Black Terns are declining so quickly that you will want to make the effort to enjoy these beauties as they snatch up insects over the marsh. We will begin at 8 AM on Meadville Road south of Rt. 77 by the little bridge. This will be a half day trip. If you'd like, bring a lunch to the Visitor's Center picnic tables at the end of the trip to eat.Leader: Celeste Morien (Ph: 585-721-8202, E: celeste.morien@gmail.com)

**Ele phantastic-**Join the Buffalo Zoo as we celebrate our incredible Asian elephants, Jothi and Surapa, as well as elephants around the world! Event highlights include elephant painting with Surapa, keeper talks, raffles, and enrichment activities. For more information, please call the events office (716) 995-6133.

**About Boating Safely**- 8 hour boating course in Dunkirk, NY. Contact Judith Hafner at deyoung6\_2@yahoo.com for info.

**Mommy and Me!-**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. Don't hesitate to sign up, each outing is geared for small groups so we can spend quality time with each kayak. 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

### Sunday, June 5

**Family Walk at Beaver Meadow**- 2 to 3pm. Beaver Meadow Audubon Center, Java Center. Enjoy a guided walk led by one of our naturalists through the Preserve. Donations accepted.

Allegany Nature Pilgrimage-, a weekend that features nature hikes, speakers and fun for the whole family. Online registration is available at <a href="www.alleganynaturepilgrimage.com">www.alleganynaturepilgrimage.com</a>. This year, the Saturday evening BBQ and vegetarian meals will be PRE-SALE only, deadline May 20. No meals can be purchased on the weekend of the event. There will be two excellent evening tent programs. Friday night brings Ken Keffer with "Conservation Lessons from a Vagabond Naturalist" and on Saturday evening we will welcome Robin Foster speaking on "The Hellbender: Allegheny's Living Fossil." Just a reminder - all participants must secure their own lodging for this event. Day passes are available as well.

Community Bike Class: Basic Maintenance-6:00 PM - 8:00 PM, | \$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. All classes are limited to 10 people and suggested donation \$10. You must RSVP to Stacy: <a href="stacy@gobikebuffalo.org">stacy@gobikebuffalo.org</a> at least two days prior to the class if you plan to attend.

Central Termin8er Race and Festival-During the weekend of June 3-5, the community will come together to celebrate the historic Buffalo Central Terminal, the East Side, the arts, and bikes! The race and party continue on through Sunday, making for an entire weekend of bike and art programming. Central Termin8er organizers are partnering up with South Fillmore Block Club and the Greater East Side Field of Dreams Block Club to ensure that the event is represented in the best possible light, with active participation from the entire community. Fillmore-Broadway neighborhood organizations are proud to recognize and endorse the race and the associated activities, as a symbol of a united community that seeks the best for all of Buffalo. Details at <a href="http://www.centraltermin8er.com/">http://www.centraltermin8er.com/</a>

**Chicks, Kits & Pollywogs-**2 to 3:30pm at Tifft Nature Preserve. Spring is a time for new arrivals! Join us for a brief presentation on the most "awww" inspiring animals on the preserve and take a guided hike to spot these new additions in the wild. Ages 5+, \$5 non-member, BMS Members save 10%. Registration at www.tifft.org

**Children's Day-**1pm – 4pm at Penn Dixie Site, 4050 North St, Blasdell, NY 14219. Special fun events for children and their families. https://penndixie.org/childrens-day/ Adults: \$9, Children 3-12: \$7, Children 2 and Under & Penn Dixie Members: FREE Register early and save \$2. <a href="www.penndixie.org">www.penndixie.org</a>

**Zumbathon® for the Zoo-**Shake It Up for the Snow Leopard! The fourth annual Zumbathon for the Zoo will be held from 2:00 p.m. to 4:00 p.m. in the Zoo Children's Resource Center. Come join us for two hours of fun, great music, and dancing with six licensed Zumba instructors. The Zumbathon tickets cost \$20 presale, and \$25 at the door. Tickets include Zoo admission and have sold out quickly in previous years. Blue t-shirts are limited and available at \$10 <u>now</u> for presale and \$15 at the door, while supplies last. There will be a basket raffle, 50/50 split, refreshments, Zumba and animal themed shopping available. No experience needed to ditch the workout, join the party and Shake It Up for the Snow Leopard! For registration details, visit <u>bit.do/zumbathon</u>, call Terrie Kelly at (716) 903-1749, or email <u>terrie.kelly@verizon.net</u>.

#### Monday, June 6

**Slow Roll Buffalo**-Free biking event for all ages. Meet at 5:30pm, roll out at 6:30pm. Locations change weekly. Register once annually if participating. Check for updates and location at www.slowrollbuffalo.org.

### Tuesday, June 7

**Trail Tues days**- 6:30pm. 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. Reinstein Woods Nature Preserve, 93 Honorine Dr., Depew. Registration required unless otherwise noted; call (716) 683-5959.

**Farm Tours at MAP**- 4pm. Learn about Massachusetts Avenue Project, our crops, our programs, view the grounds and greenhouses, and get a chance to talk with MAP staff about current projects. Please note that during construction of our new Farmhouse, tours may be postponed or cancelled due to safety concerns. Check our <u>facebook</u> or <u>twitter</u> for the most up-to-date information. From May 17-October 10\*. Tours start promptly and last approximately 30 minutes. No reservation is necessary for groups smaller than 10. Wear comfortable shoes or boots and dress for the weather. Suggested donation is \$2 per person. 389 Massachusetts Ave., Buffalo.

**Imagine Greater Buffalo Lecture Series-** Noon to 1pm at the Downtown Public Library "Ring of Knowledge" area. Free to all, bring your lunch. Noon - 12:30 P.M. "Frank Lloyd Wright's Buffalo" WNED Screening - Part I, 12:30 - 1:00 P.M. Gina Neureuther, Education Coordinator, Martin House Complex.

Annual Tuesday Evening Stress Reducer Paddle-Paths, Peaks and Paddles staff will lead the trip on Ellicott Creek! Whether this is your first time in a kayak or an "old has been paddler" it's a time to enjoy the water, meet some new people, talk to some old friends and relax for an evening. 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. If you need to rent one, the cost for a solo boat is only \$25.00 per boat or \$35.00 for a tandem. The boat rental includes paddle(s) and PFD(s). RESERVATIONS ARE A MUST IF YOU ARE RENTING CALL: 716-213-0350.

Gorge Hiking Series: American Falls Gorge Trail and 60<sup>th</sup> Anniversary of the Schoellkopf Disaster-6:00 p.m. – 8:30 p.m. at Niagara Falls State Park. Learn about the history of Schoellkopf Power Station 3 with a power point presentation followed by a hike to the site. This is the 60<sup>th</sup> anniversary of the series of rockslides that destroyed two-thirds of this power station. *For information and registration call* (716) 282-5154.

### Wednesday, June 8

**Lancaster Garden Club Meeting-** 7 p.m. at St. John's Lutheran Hall, 55 Pleasant Ave., Lancaster. David O'Donnell will present "Beauty in Motion," a program on monarch butterflies. Guests and new members are welcome.

**The Western New York Rose Society Meeting-** 7 p.m. in St. Stephens-Bethlehem United Church of Christ, 750 Wehrle Dr., Amherst. Steve Styn will present "Grooming Your Roses for Show." There will also be an arrangement program.

**Buffalo Bike N' Break**- noon to 1pm. Meeting place will be the Pulaski memorial statue outside of the Ellicott Square Building—corner of S Division and Main. Some of the places we ride to are RiverWorks, Larkinville, Allentown, LaSalle Park, Erie Basin Marina, and are always looking for new ideas. Follow them @bflobikenbreak on Twitter or email Danielle at motardmom1975@yahoo.com with questions, etc.

**WNY Stormwater Coalition Meeting**-2:00pm -3:30pm at Julia Boyer Reinstein Library, 1030 Losson Road, Cheektowaga NY 14227. Open to the public.

### Thursday, June 9

**Trail Thursdays**- 6:30pm. 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. Reinstein Woods Nature Preserve, 93 Honorine Dr., Depew. Registration required unless otherwise noted; call (716) 683-5959.

**After School Escape**- 4:30-5:30 p.m. at Reinstein Woods Nature Preserve. Kids and their parents or caregivers together can enjoy a different, fun, hour-long outdoor activity each week. For kids in grades K through 5. No registration required. Info at 716-683-5959.

Wellness Walk at Tifft Nature Preserve-10:00am - 12:00pm. Enjoy the fresh air and the sights and sounds of the season with a healthy, guided outdoor walk on our trails! Please call 716.825.6397 to confirm walk will be taking place. \$2 donation per person appreciated.

Consolidated Funding Application Workshops-4 to 6:30pm at Genesee Community College. The Regional Economic Development Council's statewide training workshops will provide an overview of the Consolidated Funding Application (CFA) process and how to access up to \$750 million in economic development funding from agency programs through one application. Info and RSVP for Workshop at <a href="http://regionalcouncils.ny.gov/genericcfa/2016-cfa-workshops">http://regionalcouncils.ny.gov/genericcfa/2016-cfa-workshops</a>

**WNY Herpetological Society Meeting-**6:45 pm. For general meeting information, and directions to the Julia Boyer Reinstein Library, you can visit the Monthly Meetings main page.

**Thurs day Evening Stress Reducer Paddle**- Come join the Paths, Peaks & Paddles guides. 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. The vibrant colors across the sky and mirrored on the lake is breathtaking. Here you can really appreciate Mother Nature and the beauty she shares with us. 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.

**Vegetarian Cooking Class: Cooking with Our Early Summer Produce** -6:00 pm to 8:00 pm. We are excited to offer a vegetarian cooking class using our early June produce, taught by Jessica Meyers Altman, plant-based chef and nutritionist. Check out Jessica's blog - Garden Fresh Foodie. You'll be making a three course meal with our local fruits and vegetables using what's in season... kale, lettuces, garlic scapes, radishes, strawberries and more. Cost - \$40.00 / person. Sign up online. <a href="http://www.farm-to-work.com/products/vegetarian-cooking-class">http://www.farm-to-work.com/products/vegetarian-cooking-class</a>. Farmers and Artisans at 4557 Main St, Buffalo, NY 14226.

**Sierra Club Climate and Clean Energy Writers Group-**Film Screening of "Dear President Obama" on the at the Crane Library - 633 Elmwood at Ferry. All welcome.

About Boating Safely-8 hour boating course in Youngstown. Contact Bob Hasse at frhasse@gmail.com

Webinar: Community Choice Aggregation Updates on Progress in New York -10:30am to noon. The Public Service Commission (PSC) has approved an order enabling all municipalities in New York to establish Community Choice Aggregation (CCA). CCA empowers municipalities to aggregate the buying power of individual customers and negotiate contracts for more affordable, cleaner sources of electricity. This Climate Smart Communities webinar will provide an overview of what the PSC order means for your community, lessons learned from case studies (including the Westchester County CCA pilot), and guidance on forming a CCA in your region. Please provide us with your name and community affiliation, either via email or telephone to the Office of Climate Change at <a href="climatechange@dec.ny.gov">climatechange@dec.ny.gov</a> or 518-402-8448. In the event that we cancel or postpone this webinar, respondents will be notified. meeting password: NYSDEC1 webinar: <a href="https://meetny.webex.com/meetny/onstage/g.php?MTID=ee03985efc7e0faf736f526003ea405db">https://meetny.webex.com/meetny/onstage/g.php?MTID=ee03985efc7e0faf736f526003ea405db</a>

Western NY Emerald Ash Borer Taskforce Meeting-9am at Erie County Emergency Service Training Center, 3359 Broadway, Cheektowaga, NY 14227. All interested are welcome. For info, contact Sharon at sin2@cornell.edu

#### Friday, June 10

Nature Center Lunch Bunch: How I Wandered into Bird Photography-11 a.m. – noon at the Fredonia Grange #1, 58 West Main St., Fredonia. The program will be followed by a BYO brown bag lunch and conversation. They provide the coffee and tea. Reservations aren't required. This is one of six free programs presented by the Jamestown Audubon Nature Center in Northern Chautauqua County thanks to funding through a community benefit grant by the Northern Chautauqua Community Foundation.

About Boating Safely-8 hour boating course. Contact Eileen Reiner at reiner 7@ verizon.net for info.

### Saturday, June 11

Gorge Hiking Series: Great Gorge Railway Trail-9:30am to noon at Niagara Falls State Park. This hike explores the cultural and natural history of the Upper Great Gorge. For information and registration call (716) 282-5154.

**Bike the Harbor!**-10am to 12:30pm at <u>Buffalo Harbor State Park.</u> Enjoy a leisurely bicycle ride along the trails of the Outer Harbor on Lake Erie. Here is a chance to see a blend of natural areas and historical treasures that can be found in Buffalo! *For information and registration call* (716) 282-5154.

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

**Reinstein Woods Basket Raffle**- 5 to 8pm. Enjoy a basket auction with more than 100 items, a door prize raffle, and a 50/50 raffle. Guests can also cast their votes for the winning 2016 Photo Contest entries. Admission is \$10.00 and includes a door prize raffle ticket and a "Reinstein Float" dessert. Light refreshments for sale. Call 716-683-5959 for more information, or purchase tickets online at <a href="https://www.reinsteinwoods.org">www.reinsteinwoods.org</a>.

The Great Globular Cluster-7:30pm – 10:00pm at Penn Dixie Site, 4050 North St, Blasdell, NY 14219. Telescopes will focus on the planets Jupiter, Mars, and Saturn (rising in the east around 8pm). The Great Globular Cluster in Hercules, M13 and M57 (Ring Nebula) will rise in the east and other constellations will be visible.

Fairy House Festival-2:00 p.m. – 5:00 p.m., Sponsored by Artpark and Company at <u>Earl W. Brydges</u> <u>Artpark State Park.</u> Visit fairy houses and participate in various fun activities! Talk with state park naturalists at their display on birds in NY State Parks. Hands-on activities include a bird craft and bird track rubbings. *For information and fees call the Artpark Box Office at (716) 754-4375.* 

**Horticulture IV: Backyard Ecology** – Buffalo & Erie County Botanical Gardens. Classes are from 11am-1pm. Cost is \$130/series or \$27/class for non-members, discount for members. \*If registering for individual classes, please note what class you are signing up for in the "Special Instructions" section during checkout. <a href="http://www.buffalogardens.com/collections/adults/products/horticulture-iv-spring-2016">http://www.buffalogardens.com/collections/adults/products/horticulture-iv-spring-2016</a>

Raptors: Nature's Elite Predators-11am-4pm. Join in the behind-the-scenes and up close encounters with Hawk Creek's live hawks, owls, falcons, eagles, and vultures, the exciting "Rise of the Raptors" - live flying bird show, and Junior Raptor Keeper activity for kids. Refreshments, gift shop, and different activities scheduled through-out the day. Event parking is FREE and tickets are \$12 for adults, \$10 for veterans and seniors, \$8 for children, and \$28 for a family pass of up to 2 adults and 3 children. Children 4 and under are FREE. Child price applies to children 5-12 years old. Tickets can be purchased at the gate or online. http://www.hawkcreek.org/wp/events/raptors/

### June 11th-Pfeiffer Fun at the Allegany Flower and Garden Festival! 10 am-4 pm

Pfeiffer Nature Center is excited to see you at the Allegany Flower and Garden Festival! Stop by to visit with us and discover the things you can do to attract pollinators to your gardens. "Bee" sure not to miss Joe Schueckler at 12 noon as he shares his expertise on tree and shrub pruning. The festival will be held in several parking lots near Main Street: The Five Star Bank, Dr. Hwang's Medical and the parking lot near Market on Main.

Walk at Knox Farm State Park: "Waterfall Hike"-9:00am – 10:30am at Knox Farm State Park, 437 Buffalo Rd, East Aurora, NY 14052. Take a vigorous hike to the little known waterfall flowing into Cazenovia Creek at Knox Farm. Meet in main parking lot. Donations gratefully accepted.

Buffalo Ornithological Society Field Trip: Target Birding-Krull Park, Olcott, NY. Join co-leaders Holly Sweeney and Bernie Kester for "Target Birding" - a hunt for the Clay-colored Sparrow w/ rain date Sun. June 12th. This field trip focuses on one bird, the Clay-colored Sparrow, a close cousin to the Chipping Sparrow. These birds are uncommon in the BOS area but they have been breeding in the fields @ Krull Park for several years and are back again this year! The fields hold other birds like Bobolink, Willow Flycatcher & maybe even some Orchard Orioles. Meet @ 7:30 AM at the entrance to the park on Lake Rd (Rte 18) in Olcott / Niagara County just east of Transit Rd (Rte. 78). We will be walking mowed paths in the fields. Plan on half day. Co-leaders: Holly Sweeney (email <a href="mailto:rosyminivet1@verizon.net">rosyminivet1@verizon.net</a>) & Bernie Kester.

**Niagara Frontier Botanical Society Field Trip: Robin Hill Nature Preserve-**9am. In the late 1940s and early 1950s, William Smith planted over 250 varieties of trees and shrubs on his 45 acre estate in Lyndonville, Orleans County. He also built a fine manor home. A special place. Bring a lunch for picnicking on Robin Hill Pond. Meet at 9 AM in the parking lot at the Eastern Hills Mall near Sears. Contact leader J. Battaglia no later than one week prior to the event: 626-1950.

**Buckhorn Island Gull Colony**- 9am – 12pm at Buckhorn Island State Park, 2136 West Oakfield Road, Grand Island, NY 14072. Start your weekend with the birds! Join Audubon Volunteer Seaghan Coleman for a hike along the Niagara River to see a Ring-billed Gull Colony! Gulls are attentive parents and can be seen bringing food and caring for their chicks. Common Terns and Double-crested Cormorants can also be seen nesting along the shores of Buckhorn Island State Park. Meet at Woods Creek Canoe Launch. Binoculars are available. Pre-registration is required. Please call 585-457-3228 to register. Donations gratefully accepted.

**Free Family Fishing Day Clinic**-9:30am - 01:00pm. Join Department of Environmental Conservation biologists and volunteers for a family day of fishing and fishing education at Tifft Nature Preserve's Lake Kirsty. Refreshments, prizes, exhibits on freshwater fish and fishing! Hot dog lunch will be provided. All ages are welcome! Participation is FREE, but registration is required by calling the Department of Environmental Conservation at 716.851.7010.

**About Boating Safely-** 8 hour boating safety course in Blasdell, Contact Eileen Reiner at reiner 7@ verizon.net.

# Sunday, June 12

**Family Walk at Beaver Meadow**- 2 to 3pm. Beaver Meadow Audubon Center, Java Center. Enjoy a guided walk led by one of our naturalists through the Preserve. Donations accepted.

Fairy House Festival\_-noon to 5pm at Earl W. Brydges Artpark State Park. Visit fairy houses and participate in various fun activities! Talk with state park naturalists at their display on birds in NY State Parks. Hands-on activities include a bird craft and bird track rubbings. For information and fees call the Artpark Box Office at (716) 754-4375.

**Miss Buffalo Nature Cruise**- 8:30am – 1:30pm at Buffalo Harbor Cruises / Miss Buffalo, 79 Marine Dr, Buffalo, NY 14202. Get your tickets in advance. Info at http://penndixie.org/miss-buffalo-nature-cruise/

**Trek Tifft-**2:00pm - 03:30pm. 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, June 13

**Slow Roll Buffalo**-Free biking event for all ages. Meet at 5:30pm, roll out at 6:30pm. Locations change weekly. Register once annually if participating. Check for updates and location at www.slowrollbuffalo.org.

**Erie Canal Harbor Development Corporation Meeting-** 10:30am. Board Room of ESD's Buffalo Regional Office, 95 Perry Street - Suite 500, Buffalo, NY 14203.

Monday Evening Paddle on The Buffalo River-Come join Paths, Peaks and Paddles, The Cooperage and the Buffalo Scholastic Rowing Center for our seventh annual paddle along the Buffalo River! Join us and learn some of the history of the grain mills, the harbor, navy vessels and enjoy the fine sunset at the mouth of the harbor. We meet at the Buffalo Scholastic Rowing Center located at 345 Ohio Street, near Republic Street, across from Father Conway Park at 6:00pm. If you do not have a kayak you are welcome to rent one for \$30.00pp. 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. This monthly event is scheduled to take place rain or shine for 5 scheduled Monday evenings. Check your calendar for your availability for: 7/11, 8/15, and 9/12/16.

### Tuesday, June 14

**Kenmore Garden Club Meeting-**10 a.m. at Kenmore United Methodist Church, 32 Landers Rd., Kenmore. Terry Skura, a former flower show judge, will present "Here Comes the Judge." She will give instruction in the interpretation of design class titles (turning a title into a design). Skura will help participants stretch their imaginations as she gives pointers on interpreting flower show design titles and turning them into creative floral designs. She will demonstrate several design types. The talk and meeting are free and open to the public.

**Trail Tuesdays**- 6:30pm. 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. Reinstein Woods Nature Preserve, 93 Honorine Dr., Depew. Registration required unless otherwise noted; call (716) 683-5959.

**Farm Tours at MAP**- 4pm. Learn about Massachusetts Avenue Project, our crops, our programs, view the grounds and greenhouses, and get a chance to talk with MAP staff about current projects. Please note that during construction of our new Farmhouse, tours may be postponed or cancelled due to safety concerns. Check our <u>facebook</u> or <u>twitter</u> for the most up-to-date information. From May 17-October 10\*. Tours start promptly and last approximately 30 minutes. No reservation is necessary for groups smaller than 10. Wear comfortable shoes or boots and dress for the weather. Suggested donation is \$2 per person. 389 Massachusetts Ave., Buffalo.

Imagine Greater Buffalo Lecture Series-Noon to 1pm at the Downtown Public Library "Ring of Knowledge" area. Free to all, bring your lunch. This lecture theme points to Week Seven 2016

Chautauqua Season. Noon - 1:00 P.M. Speaker - Sally Cunningham, Landscape consultant and author, "Great Garden Companions". Sally Cunningham will also receive the 2016 C-SAAHN Recognition Award.

Annual Tuesday Evening Stress Reducer Paddle-Paths, Peaks and Paddles staff will lead the trip on Ellicott Creek! Whether this is your first time in a kayak or an "old has been paddler" it's a time to enjoy the water, meet some new people, talk to some old friends and relax for an evening. 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. If you need to rent one, the cost for a solo boat is only \$25.00 per boat or \$35.00 for a tandem. The boat rental includes paddle(s) and PFD(s). RESERVATIONS ARE A MUST IF YOU ARE RENTING CALL: 716-213-0350.

**Waste & Pollution Task Group-**WNYEA group will jointly meet with the Greater Buffalo Recycling Alliance (GBRA), since many of the same topics are discussed. 5:30 pm at Partnership for the Public Good (PPG), 617 Main St., Suite 300 (Market Arcade Building). For info, contact jhameister@roadrunner.com

**Riverkeeper River Tour-** 6-8pm at different locations and open to all skill levels. Registration required. http://bnriverkeeper.org/rivertours/

Cheese Tasting & Evaluation Workshop-6:30 PM - 8:30 PM, Cornell Cooperative Extension of Erie County will present a Cheese Tasting and Evaluation workshop will take place in The Composing Room on the first floor of the Print Shop on the Roycroft Campus, 21 South Grove Street, East Aurora. For more information about Harvest New York, visit <a href="http://harvestny.cce.cornell.edu/">http://harvestny.cce.cornell.edu/</a>. To register and to pay online, CLICK HERE. Please pre-register by June 7th, class size is limited. Fee 20.00.

### Wednesday, June 15

**"Whole Plant Medicine Herbalist"-**Talk by Kristin Gregory on herbs and their uses. 7pm at Cambria Historical Society Hall, Lower Mountain Rd and 425. For info, <a href="https://www.cambriahistoryniagara.org">www.cambriahistoryniagara.org</a>

### Thursday, June 16

**WNY iMapinvasive Training**- Training is free, and anyone is welcome to attend one or both of the modules - but registration is required. Visit <a href="www.NYiMapinvasives.org">www.NYiMapinvasives.org</a> for more details and to register for the Spring Training Blitz. 10:00 - 2:00 PM at Letchworth State Park Visitor Center, Castille, NY. REGISTER

**Tree and Shrub Pruning**-\$10, 6:30pm. One of a series of homesteading classes. Classes will be held at CCE Niagara at 4487 Lake Avenue, Lockport NY. John will lead you through the process of pruning your trees and shrubs. For required pre-registration or for info contact Amanda at 716-433-8839 x231 or app27@cornell.edu.

**Trail Thursdays**-6:30pm. 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. Reinstein Woods Nature Preserve, 93 Honorine Dr., Depew. Registration required unless otherwise noted; call (716) 683-5959.

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

**Thurs day Evening Stress Reducer Paddle** - Come join the Paths, Peaks & Paddles guides. 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. All are welcome if you have your own boat (canoe or kayak) there is no charge. If you need to rent one, the cost is only \$30.00 per boat solo or \$40.00 tandem delivered out to Wilson for you, includes paddle(s) and PFD(s). We will bring the rented boat out to you! RESERVATIONS ARE A MUST IF YOU ARE RENTING CALL: 716-213-0350.

**After School Escape**- 4:30-5:30 p.m. at Reinstein Woods Nature Preserve. Kids and their parents or caregivers together can enjoy a different, fun, hour-long outdoor activity each week. For kids in grades K through 5. No registration required. Info at 716-683-5959.

Wellness Walk at Tifft Nature Preserve-10:00am - 12:00pm. Enjoy the fresh air and the sights and sounds of the season with a healthy, guided outdoor walk on our trails! Please call 716.825.6397 to confirm walk will be taking place. \$2 donation per person appreciated.

**Riverkeeper River Tour-** 6-8pm at different locations and open to all skill levels. Registration required. <a href="http://bnriverkeeper.org/rivertours/">http://bnriverkeeper.org/rivertours/</a>

**2nd Annual Spring into Summer Fundraising Luncheon-** Benefit for the Buffalo Olmsted Parks Conservancy. \$65 at Kleinhans Music Hall/The Mary Seaton Room (Olmsted's cultural partner), 11:30 a.m. – 1:00 p.m. Tickets at https://www.bfloparks.org/event/spring-into-summer-luncheon-2016/

### Friday, June 17

**Isabel's Party** -Aquarium of Niagara's California sea lion pup, Isabel, turns two in June and we're celebrating her first ever solo show after hours beginning at 6 pm. The night will hold many surprises and entertainment. This event is a great way to support your Aquarium and have a great time while you're doing it. Light refreshments and music will round out a great event and it's only \$25 per person! Every cent of the ticket prices go to our marine mammal fund so we can bring you more bright-shining stars like our Isabel. It's also a wonderful way to step into summer and see the fireworks and lights on Niagara Falls from our upstairs deck. The fun begins at 6 pm. Call 716-285-3575 and book your spot now.

**Green Roof Design and Building Class-**3 day course begins 7-9pm at The Foundry with hands-on from 11am-6pm Saturday and Sunday. Cost is \$180 (\$150 students). Info at <u>course</u>

WNY Environmental Alliance Transportation Working Group/ Complete Streets Coalition - 10am in room 502 city hall.

# Saturday, June 18

**Seabirds Women Kayaking Tour**- 10am to noon along the Buffalo River. Seabirds International, in cooperation with the Becoming an Outdoors-Woman (BOW) program, is offering a number of woman only kayaking tours and skill sessions this summer. For more information on the Becoming an Outdoors-Woman (BOW) program please visit<a href="http://www.dec.ny.gov/education/68.html">http://www.seabirds.co/events.html</a>

Celebrate Flag Day at Old Fort Niagara-1:30-3:30pm at Fort Niagara State Park. Celebrate Flag Day at Old Fort Niagara! Join a state park naturalist on a tour of the old fort. Learn the history of Flag Day and view the large War of 1812 flag. For information and registration call (716) 282-5154. Group rate and parking fees apply.

**5K SEALion Stroll-**Dive in and walk or run for a great cause-Aquarium of Niagara. Our scenic 5K winds through New York State Park with a beautiful view of the Niagara Falls gorge. The path leads back to the Aquarium where all participants get free admission to the Aquarium. This is a healthy and fun way to raise money to support our seals and sea lions. The suggested fundraising goal is \$150 and the more you raise the more prizes you will be eligible to receive. All adult participants must raise a minimum of \$50 to participate and children 5 - 12 must raise at least \$30. If you're part of a boy/girl scout troop, class or a group of friends, register together and you can all walk/run for just \$25 each person. If you can't make it to the Aquarium at 7:30 am on the 18<sup>th</sup> please be a virtual walker. When you arrive back at the Aquarium you'll be treated to pizza from Bob & Johns Pizzeria and then you're welcome to come inside and there's no admission price for participants. In addition to the sea lion shows, seal presentations and penguin feedings there will be touch tank experiences, carnival games, face painting, crafts and more. Every dime raised goes to our animals. **Call 716-285-3575 to register right now!** 

**Lewiston GardenFest-**10 a.m. – 5 p.m. Pick up maps at the hospitality booths at 411 & 550 Center St., Lewiston. The garden walk is free and self-guided. Soil samples will be analyzed and questions answered by Master Gardeners and area floral society experts. You can enter the container garden contest, which will be judged by the public. Prizes will be awarded from local nurseries and businesses. For more information, call 297-5925.

"Household Hazardous Waste Drop-off Day" - 9am to 2pm at the ECC South Campus in Orchard Park. The event, open to all Erie County residents for the safe disposal of hazardous items that cannot be thrown out in the regular garbage, helping to reduce pollution and the potential contamination of groundwater. For more of items that will be accepted, or for details on how to properly dispose of latex paint, call the Erie County Household Hazardous Waste 24-Hour Hotline at (716) 858-6800 or visit www.erie.gov/environment. Facebook Event page.

**Jewels of the Sky**-10am. On this guided walk, search for ebony jewelwings and tiger swallowtails as well as other dragonflies and butterflies that may be in flight. Reinstein Woods Nature Preserve, Depew. Registration required; call 716-683-5959.

**Woods Walk: Seasonal Signs**-11am. Join a guided nature walk through the woods as we look for signs of the season. Reinstein Woods Nature Preserve, Depew. No registration required.

Hawk Creek Wildlife Center Sneak Preview - See Hawk Creek's new facility in West Falls and enjoy a Chiavetta's Chicken Barbeque from 1-4 pm. 1963 Mill Road, West Falls, NY. Prices are: \$12 per meal (includes entrance) or \$6 for entrance only (no meal). Tour the new facility, learn about the future plans and meet some of the animals! If you want to support the Center but don't have time for a tour, you can utilize our convenient drive-thru option to pick up a late lunch or early dinner for the whole family! Meal tickets should be purchased in advance online, visit <a href="https://www.hawkcreek.org/wp/bbq">www.hawkcreek.org/wp/bbq</a> for more info and tickets.

**Junior Audubon Club - Pond Hike at Beaver Meadow-**1pm – 3pm at Beaver Meadow Audubon Center, 1610 Welch Rd, Java Center, NY 14082. Join Naturalist Tom Kerr for our monthly birding adventure! This month we'll head for a hike around the Beaver Pond. We'll look for the birds and other animals that benefit from the habitat created by our local beavers. Meet at Nature Center. Binoculars are available. Preregistration is required. Please call 585-457-3228 to register. Donations gratefully accepted.

Mill Road Scenic Overlook-11 am-1 pm. The Mill Road Scenic Overlook is one of the most scenic locations in our region. It is ideally located along the newly designated WNY Southtowns Scenic Byway. The property is also one of Aurora's most important natural areas. It includes 18 acres of mature forest with a dense hemlock grove, an intermittent stream, a sedge marsh and 30 acres of open meadow that support rare grassland bird species including nesting populations of bobolinks. The land was protected in 2013 by the Western New York Land Conservancy and the Town of Aurora. Ticket price includes a 1-year membership to the WNY Land Conservancy. http://www.brownpapertickets.com/event/2511718

**Every Day Birds**- 10am – 11am at Beaver Meadow Audubon Center, 1610 Welch Rd, Java Center, NY 14082. Description- "Chickadee wears a wee black cap. Jay is loud and bold. Nuthatch perches upsidedown. Finch is clothed in gold." Join local author Amy Ludwig VanDerwater for a reading of her new book at Beaver Meadow! Every Day Birds helps small children identify and learn about common birds. Afterwards, make some food for birds together! Copies of the book will be available for purchase. Preregistration required. Call 585-457-3228 to register. \$3; Free for BAS Members. For ages 6 and under.

**Erie Co.: Plant walk in Franklin Gulf Park-**9am – 1pm at Franklin Gulf Park (<u>map.</u>) The park is one of the undeveloped Erie County parks. It is noted for scenery along wooded trails, creeks, waterfalls and ledge outcroppings. Moderate hiking difficulty, bring lunch. Leader Chuck Bartlett at 585-813-3714. Meet at 9am at Tops parking lot on Rt. 62 in the Village of Hamburg.

**Wild Edibles Walk**-2:00pm - 03:30pm. Food and medicine haven't always come from the store, they started in nature! You'll be amazed at what you might find right in your own backyard during this walk and hands-on workshop. Ages 12+. \$5 non-member, BMS Members save 10%.. register at <a href="www.tifft.org">www.tifft.org</a>

**Education Workshop** —11:00 am - 2:00 pm. Free Education Workshops take place every third Saturday of the month inside of Chestnut Ridge Park. Host Ed Kasperek and guest speakers. Advanced registration is required. <a href="https://creativecommons.org">ChestnutRidgeConservancy.org</a>

About Boating Safely-8 hour boating course in Buffalo. Contact Jon Lines at safeboatingwny@gmail.com

About Boating Safely- 8 hour boating course in Youngstown. Contact Bob Hasse at frhasse@gmail.com

### Sunday, June 19

**Family Walk at Beaver Meadow**- 2 to 3pm. Beaver Meadow Audubon Center, Java Center. Enjoy a guided walk led by one of our naturalists through the Preserve. Donations accepted.

**Pet Friendly Walk-**10am to noon at <u>Earl W. Brydges Artpark State Park.</u> Join us on Father's Day with your furry friend and explore the history and beauty of this park. Dogs must be on leash and under your control at all times while on the walk. *For information and registration call (716) 282-5154*.

**Lewiston GardenFest-**10 a.m. – 5 p.m. Pick up maps at the hospitality booths at 411 & 550 Center St., Lewiston. The garden walk is free and self-guided. Soil samples will be analyzed and questions answered by Master Gardeners and area floral society experts. You can enter the container garden contest, which will be judged by the public. Prizes will be awarded from local nurseries and businesses. For more information, call 297-5925.

**Birdwatching Hike at the Stella Niagara Preserve-** 8:30 am–10:00 am. Hike host, Jajean Rose-Burney will lead the search for year-round resident birds and late migrants at the future <u>Stella Niagara</u> <u>Preserve</u> property along the Niagara River in Lewiston. The Niagara River is considered a globally Important Bird Area, a designation shared with Yellowstone and the Everglades. The 29-acre property has forests, a large meadow, and a quarter-mile of shoreline, all contributing to high bird diversity. Birders of all levels, from beginner to expert, are encouraged to attend. Don't forget to bring your binoculars! <u>Click here to sign up for the Birdwatching Hike</u>

Community Class: Learn to Ride - 6:00 PM - 8:00 PM, | \$10. Adult class. The first half of this class will focus on bike safety and the rules of the road. The second half involves putting those things into practice with a ride. We will split up into two groups based on experience. One group will learn how to ride a bike while the other will learn how to properly ride in traffic. Suggested age 13-Adult (anyone under 16 must be accompanied by a parent or guardian) Students should bring a bike in good working order that fits them and a helmet. All classes are limited to 10 people and suggested donation \$10. You must RSVP to Stacy: stacy@gobikebuffalo.org at least two days prior to the class if you plan to attend.

**Daddy Day Hike-**2:00pm - 03:30pm. Let's explore the great outdoors with a casual hike through the woods, wetland, and fields! We'll look for bugs and frogs and everything else dads enjoy and meet some live animals up close. All ages are welcome! \$5 non-member, BMS Members save 10%. <a href="www.tifft.org">www.tifft.org</a>

**Sunday in the Park-**Burchfield Nature and Art Center from noon to 4pm. Animal Rescue groups, music and other activities. Free. For info, 677-4843.

**Lad's and Dad's-**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 <a href="mailto:christine@pathspeakspaddles.com">christine@pathspeakspaddles.com</a>

### Monday, June 20

Crepuscular Hike: Full Moon over the Falls-8 to 10pm at Knox Farm State Park. With the glow of the full moon to guide us, join us as we hike to the little known falls of Knox Farm and experience the park during twilight hours. Moon gazing to follow program weather permitting. For information and registration call (716)549-1050

**Full Moon Walk** -8:30pm. Look for nocturnal pollinators like moths and bats by the light of the full moon. Note: This program takes place at **Amherst State Park**. Registration required; call 716-683-5959.

**Slow Roll Buffalo**-Free biking event for all ages. Meet at 5:30pm, roll out at 6:30pm. Locations change weekly. Register once annually if participating. Check for updates and location at www.slowrollbuffalo.org.

**Full Moon Summer Solstice Celebration**-7:30pm – 9:30pm at Beaver Meadow Audubon Center, 1610 Welch Rd, Java Center, NY 14082. Celebrate the culmination of the longest day of the year, the first day of summer AND the Full Strawberry Moon with us at Beaver Meadow! Start off with fresh strawberry shortcake, make a summer suncatcher and then take a walk along the trails. Pre-registration is required. Please call 585-457-3228 to register. \$6; \$4 BAS Members.

**Little Tykes Mini Nature Camp-**9:30am - 11:30am. Enjoy a morning of fun and exploration at Tifft Nature Preserve! Nature story-time, crafts, outdoor investigation and more help to foster the nature explorer in your child. Healthy, kid-friendly snacks provided too! Pre-registration required for ages 3-5. \$8 per child with adult, \$4 additional child with same adult. BMS Members save 10%. www.tifft.org

### Tuesday, June 21

**Trail Tues days**- 6:30pm. 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. Reinstein Woods Nature Preserve, 93 Honorine Dr., Depew. Registration required unless otherwise noted; call (716) 683-5959.

**Farm Tours at MAP**- 4pm. Learn about Massachusetts Avenue Project, our crops, our programs, view the grounds and greenhouses, and get a chance to talk with MAP staff about current projects. Please note that during construction of our new Farmhouse, tours may be postponed or cancelled due to safety concerns. Check our <u>facebook</u> or <u>twitter</u> for the most up-to-date information. From May 17-October 10\*. Tours start promptly and last approximately 30 minutes. No reservation is necessary for groups smaller than 10. Wear comfortable shoes or boots and dress for the weather. Suggested donation is \$2 per person. 389 Massachusetts Ave., Buffalo.

Imagine Greater Buffalo Lecture Series-Noon to 1pm at the Downtown Public Library "Ring of Knowledge" area. Free to all, bring your lunch. This lecture theme points to Week Seven 2016

Chautauqua Season. Noon - 12:30 P.M. "Frank Lloyd Wright's Buffalo" WNED Screening - Part II 12:30 - 1:00 P.M. Speakers - Mary Roberts, Ex. Dir. Martin House Complex & David Rotterman, Vice President, Television Production, WNED TV.

Annual Tuesday Evening Stress Reducer Paddle - Paths, Peaks and Paddles staff will lead the trip on Ellicott Creek! Whether this is your first time in a kayak or an "old has been paddler" it's a time to enjoy the water, meet some new people, talk to some old friends and relax for an evening. 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. If you need to rent one, the cost for a solo boat is only \$25.00 per boat or \$35.00 for a tandem. The boat rental includes paddle(s) and PFD(s). RESERVATIONS ARE A MUST IF YOU ARE RENTING CALL: 716-213-0350.

**Riverkeeper River Tour-** 6-8pm at different locations and open to all skill levels. Registration required. http://bnriverkeeper.org/rivertours/

### Wednesday, June 22

**Women's Wednesday Kayaking Skill Session**-5:30pm-7:30pm for Beginners at Sunset Bay, Irving. Cost: \$60 for two hours (\$120 value). Book early-limited class size. <a href="http://www.seabirds.co/events.html">http://www.seabirds.co/events.html</a>

**Senior Paddle-** Do you enjoy the outdoors and being on the water? Or have you been on the waters edge watching people enjoying themselves and wished you could enjoy the experience also? The staff of Paths, Peaks & Paddles would like to share an evening adventure with you. We will provide to you a tandem kayak or canoe, paddles and life jackets. Your guide will accompany you down the creek pointing out the great wonders of the outdoors. Don't hesitate to sign up, each outing is geared for small groups so we can spend quality time with each kayak or canoe. Cost is \$12 per kayak or canoe. Reservations are a must! Time: 6:00 pm until approximately 8:00 pm. Questions are welcome at: 716-213-0350 or christine@pathspeakspaddles.com. Join us on Wednesday evenings: 7/20/16 or 8/24/16.

**Strawberry Celebration at Pelion Community Garden-** Garden across from City Honors School will welcome spring blooms and celebrate the strawberry season starting at 3 p.m. in the garden, 206 Best St., Buffalo. There will be strawberry treats and live entertainment. You can view student artwork, poetry, music and small demonstrations while you tour the garden. Food trucks will be there from 7:30 to 9 p.m. An outdoor film will begin at sunset, around 8:30 p.m.

**Starry Night at the Garden** -The Buffalo and Erie County Botanical Gardens will host from 6 to 9 p.m. on the front lawn of the Botanical Gardens, 2655 South Park Ave., Buffalo. Tickets are \$55 for general admission and \$105 for VIP. This event will include musical groups, local restaurants, wineries and breweries. <a href="http://www.buffalogardens.com/">http://www.buffalogardens.com/</a>

**Birding 101:** Class #6-6:30pm. Learn why some birds stay just for the summer and which species to look for at this time of year. Adults only. Reinstein Woods Nature Preserve, Depew. Registration required; call 716-683-5959.

**West Valley Citizen Task Force Meeting-**6:30 to 8pm at Ashford Office Complex, 9030 Rte 219, West Valley. Verify that meeting will be held. http://www.westvalleyctf.org/meetings.html

### Thursday, June 23

**Trail Thursdays**- 6:30pm. 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. Reinstein Woods Nature Preserve, 93 Honorine Dr., Depew. Registration required unless otherwise noted; call (716) 683-5959.

**After School Escape**- 4:30-5:30 p.m. at Reinstein Woods Nature Preserve. Kids and their parents or caregivers together can enjoy a different, fun, hour-long outdoor activity each week. For kids in grades K through 5. No registration required. Info at 716-683-5959.

Wellness Walk at Tifft Nature Preserve-10:00am - 12:00pm. Enjoy the fresh air and the sights and sounds of the season with a healthy, guided outdoor walk on our trails! Please call 716.825.6397 to confirm walk will be taking place. \$2 donation per person appreciated.

**Thurs day Evening Stress Reducer Paddle** - Come join the Paths, Peaks & Paddles guides. 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. 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.

**Riverkeeper River Tour-** 6-8pm at different locations and open to all skill levels. Registration required. http://bnriverkeeper.org/rivertours/

### Friday, June 24

**Bugs by Nightlight-**9:30pm – 11:30pm at Beaver Meadow Audubon Center, 1610 Welch Rd, Java Center, NY 14082. Experience one of the little-observed wonders of nature: night-flying insects! Join entomologist Wayne Gall to observe, identify, and discuss the natural history of moths, caddisflies, beetles, and other insects attracted to his mercury vapor light and white sheet after dark. A great complement to National Pollinator Wee, you won't want to miss this program! Pre-registration is required. Please call 585-457-3228 to register. \$5; \$3 BAS Members

**Tifft at Twilight-**Fundraiser from 5-10pm. Individual tickets are available for purchase at \$85 each. Patron tickets are \$100 each and include a \$15 donation to Tifft Nature Preserve and name featured in program. Table(s) of 8 are available for \$680 each. For more information, contact Katy Urbanik by emailing <a href="https://kurbanik@sciencebuff.org">kurbanik@sciencebuff.org</a> or call 716.896.5200 x359. Join us as for an unexpectedly elegant evening celebration of Tifft Nature Preseve and longtime supporters, Robert and Carolyn Montgomery.

### Saturday, June 25

**Youth and Family Programs: Landscape Architecture Badge-**10 AM-12 PM | \$12 per scout; \$10 per adult. Discover Frank Lloyd Wright's masterpiece, focusing on the architectural aspects of the landscape. Darwin D. Martin House, 143 Jewett Parkway, Buffalo, New York, (716) 856-3858 | www.darwinmartinhouse.org.

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

**Soil testing-** Offered by Master Gardeners from Cornell Cooperative Extension of Erie County from 8 a.m. to 12:30 p.m. Saturday, June 25 at the Kenmore Farmers Market, Delaware Avenue and Delaware Road, Kenmore. There is a limit of three samples per gardener. A small fee per sample is requested. For more information, call 652-5400, ext. 137.

**Pollinators-**10:00am – 11:30am at Beaver Meadow Audubon Center, 1610 Welch Rd, Java Center, NY 14082. It's National Pollinator Week and the perfect time to search for and learn about the unique importance of these vital partners in our world. What can each of us do, no matter how small the gesture, to benefit these essential helpers? Come and find out! Pre-registration is required. Please call 585-457-3228 to register. Donations gratefully accepted.

**Using Native Plants to Attract Pollinators**-10am. Planting native species is a great way to attract beautiful hummingbirds and butterflies to your yard. Explore which plants might be appropriate for your area and where to find them. For adults and children ages 12 and up. Reinstein Woods Nature Preserve, Depew. Registration required; call 716-683-5959.

**Beaver Meadow Night Hike**-8:30pm – 10:00pm at Beaver Meadow Audubon Center, 1610 Welch Rd, Java Center, 14082. Join Naturalist Tom Kerr for a Night Hike at Beaver Meadow Audubon Center. Many animals that call Beaver Meadow home are active at night. We'll look for Beavers, Owls, Foxes, Flying Squirrels and other nocturnal animals! Pre-registration is required. Please call 585-457-3228 to register. \$5

**Family Fishing Day-**7am to 7pm at Broderick Park. Sponsored by Buffalo United Front. Food, fun and games. Fishing contests and demos.

**Party for the Planet**-10am to 3pm at the Buffalo Zoo. Free with zoo admission. Come explore how you can make healthier choices for you and our environment. For more information, please call the events office at (716) 995-6133.

**You're invited to Get Handy!** –The FREE workshop is an effort by West Side & Black Rock-Riverside NHS to reinforce the basic skills that make a homeowner a successful homeowner. There will be a demonstration of basic home repairs, budgeting tips, and, of course, free giveaways! PLEASE NOTE: Space is limited, RSVP at <a href="https://http://www.eventbrite.com/e/get-handy-homeowner-workshop-tickets-24431721938">https://http://www.eventbrite.com/e/get-handy-homeowner-workshop-tickets-24431721938</a> or call (716) 877-3910. 10am to noon at American Legion Post, 533 Amherst St., Buffalo <a href="https://www.facebook.com/events/1184938251525040/">https://www.facebook.com/events/1184938251525040/</a>

Erie Co.: Houghton Bog and Furman Fen trip-8:30am – 1:30pm at Sprague Brook Park (map). Niagara Frontier Botanical Society Trip: In southern Erie County, visit the bogs with members of WNY Nature sanctuary Society. Meet at 8:30 at Sprague Brook Park, entrance on Route 240 at Foote Rd. Bring boots or water shoes. Leaders: J. Landau landaujr@gmail.com & J. Schlegel (716-835-6042) After the walk all are invited to join the Nature Sanctuary Society's annual picnic at shelter #2 in Sprague Brook Park

### Sunday, June 26

**Family Walk at Beaver Meadow**- 2 to 3pm. Beaver Meadow Audubon Center, Java Center. Enjoy a guided walk led by one of our naturalists through the Preserve. Donations accepted.

**Discovering Dragonflies: Class #1-**noon to 2pm at Evangola State Park. Dragonfly watching is rapidly becoming one of the most popular outdoor activities. The colorful and acrobatic displays are sure to captivate the audience. Delve into this growing world yourself and join us for the first of three classes that will introduce you to this new and exciting hobby. *Bring a notebook. For information and registration call (716) 549-1050.* 

**19th Annual Parkside Garden and Architecture Tour-**10 a.m. to 4 p.m. Tour maps will be available the day of tour at the Church of the Good Shepherd, 96 Jewett Pkwy., Buffalo. A full-color map and garden directory will be available for \$5 on the day of the tour. For those wishing to further explore this historic Fredrick Law Olmsted-designed neighborhood, there will be guided walking tours highlighting architectural styles and elements interspersed with local Gilded Age residents' history and folklore. Sign up on the day of the garden tour for this limited enrollment tour for \$10 on a first-come, first-served basis.

Community Bike Class: Fix a Flat- 6:00 PM - 8:00 PM, | \$10. 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. All classes are limited to 10 people and suggested donation \$10. You must RSVP to Stacy: stacy@gobikebuffalo.org at least two days prior to the class if you plan to attend.

**Family Fishing Day-**7am to 7pm at Broderick Park. Sponsored by Buffalo United Front. Food, fun and games. Fishing contests and demos.

Seneca Traditional Uses of Medicinal and Edible Plants -1:30pm - 3:30pm at Beaver Meadow Audubon Center, 1610 Welch Rd, Java Center, NY 14082. Join Marvin "Marty" Jacobs on a journey into the Seneca world of respect and understanding for the plants that grow around us. Marty's gentle style and passionate love for learning about our leafy and fruity brothers and sisters will inspire you. He will give a brief indoor introduction and take you out and around Beaver Meadow to get up close and personal with nature. Preregistration is required. Please call 585-457-3228 to register. \$5

**Trek Tifft-**2:00pm - 03:30pm. 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, June 27

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

**Slow Roll Buffalo**-Free biking event for all ages. Meet at 5:30pm, roll out at 6:30pm. Locations change weekly. Register once annually if participating. Check for updates and location at www.slowrollbuffalo.org.

### Tuesday, June 28

**Sierra Club Meeting**-Join others with the Niagara Sierra Club for their monthly meeting at 7pm at Room 227 Duns Scotus Hall, Daemen College. Visit www.daemen.edu/maps for directions.

**Trail Tuesdays**- 6:30pm. 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. Reinstein Woods Nature Preserve, 93 Honorine Dr., Depew. Registration required unless otherwise noted; call (716) 683-5959.

**Farm Tours at MAP**- 4pm. Learn about Massachusetts Avenue Project, our crops, our programs, view the grounds and greenhouses, and get a chance to talk with MAP staff about current projects. Please note that during construction of our new Farmhouse, tours may be postponed or cancelled due to safety concerns. Check our <u>facebook</u> or <u>twitter</u> for the most up-to-date information. From May 17-October 10\*. Tours start promptly and last approximately 30 minutes. No reservation is necessary for groups smaller than 10. Wear comfortable shoes or boots and dress for the weather. Suggested donation is \$2 per person. 389 Massachusetts Ave., Buffalo.

**Riverkeeper River Tour-** 6-8pm at different locations and open to all skill levels. Registration required. <a href="http://bnriverkeeper.org/rivertours/">http://bnriverkeeper.org/rivertours/</a>

Annual Tuesday Evening Stress Reducer Paddle-Paths, Peaks and Paddles staff will lead the trip on Ellicott Creek! Whether this is your first time in a kayak or an "old has been paddler" it's a time to enjoy the water, meet some new people, talk to some old friends and relax for an evening. 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. If you need to rent one, the cost for a solo boat is only \$25.00 per boat or \$35.00 for a tandem. The boat rental includes paddle(s) and PFD(s). RESERVATIONS ARE A MUST IF YOU ARE RENTING CALL: 716-213-0350.

**Bird Walk for Kids**-6:30pm. Take a walk to look for birds by the ponds and in the woods. Parent or caregiver must accompany child. For children ages 6-12. Reinstein Woods Nature Preserve, Depew. Registration required; call 716-683-5959.

### Wednesday, June 29

**Purple Martin Nest Checks & Banding** - 10:00-11:30PM Meet at the Visitor Center \*REGISTRATION REQUIRED\* Raindate June 30. Iroquois National Wildlife Refuge: 585-948-5445 ext. 7036 Iroquois@fws.gov

# Thursday, June 30

**After School Escape**- 4:30-5:30 p.m. at Reinstein Woods Nature Preserve. Kids and their parents or caregivers together can enjoy a different, fun, hour-long outdoor activity each week. For kids in grades K through 5. No registration required. Info at 716-683-5959.

Wellness Walk at Tifft Nature Preserve-10:00am - 12:00pm. Enjoy the fresh air and the sights and sounds of the season with a healthy, guided outdoor walk on our trails! Please call 716.825.6397 to confirm walk will be taking place. \$2 donation per person appreciated.

**Thurs day Evening Stress Reducer Paddle**- Come join the Paths, Peaks & Paddles guides. 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. The vibrant colors across the sky and mirrored on the lake is breathtaking. Here you can really appreciate Mother Nature and the beauty she shares with us. 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.

**Composting-**\$10, 6:30pm. One of a series of homesteading classes. Classes will be held at CCE Niagara at 4487 Lake Avenue, Lockport NY. Keep food, garden and lawn waste out of landfills. In this class, you will learn the basics of composting and how to use the end results to improve the soil in your garden or flowerbeds. For required pre-registration or for info contact Amanda at 716-433-8839 x231 or app27@cornell.edu.

**Trail Thursdays**- 6:30pm. 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. Reinstein Woods Nature Preserve, 93 Honorine Dr., Depew. Registration required unless otherwise noted; call (716) 683-5959.

**Riverkeeper River Tour-** 6-8pm at different locations and open to all skill levels. Registration required. http://bnriverkeeper.org/rivertours/

Nature Grandparents-1:00pm – 2:30pm at Beaver Meadow Audubon Center, 1610 Welch Rd, Java Center, NY 14082. If you love nature and want to encourage your grandchildren to do the same, then join us for a short walk and create a nature weaving with natural items! We will finish up with a yummy snack. Pre-registration is required. Please call 585-457-3228 to register. \$3 per child. Grandparents Free!

# **Tips for the Environment:**

- 1. Trying to revive your dried permanent markers-maybe not the most important solution, but nice to get more use out of your Sharpies. Pour some rubbing alcohol in a container (even the bottle cap) and dip the tip of the marker in it for 15 seconds or until color starts to swirl in the liquid. Put the marker cap back on and let it sit upright for one to two hours-then ready to use!
- 2. Keep furniture and building materials out of the landfill-we have local organizations who would love to reuse, repurpose, recycle and sell your furnishings, so why put them by the curb on a rainy day to be carted to a landfill where they may remain for eternity. Consider <a href="Reuse Action">Reuse Action</a>, <a href="Goodwill">Goodwill</a>, and other local organizations (see list of many options further down with websites). I
- **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. If you have tips to share, please send them to me to include. I will be updating the archived list on our new website.

\_\_\_\_\_

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

# By Lesley Haynes

Are you getting married? Planning a wedding?

The "Green" wedding is gaining momentum across the nation. It seems obvious that weddings have both ecological and economic impact, but going green does not mean that you have to compromise on your big day. The happy couple will be able to create a truly personal, moving, and sustainable celebration that people will remember for years. They may even enlighten their guests in the process. I recently read an article stating that today's average wedding costs well over \$15,000. I hope that some of the following suggestions will cut down on your costs a little.

There are three main goals to an ecologically friendly wedding.1. Do no harm.2. Patronize local earth-friendly vendors, and 3. Reuse and recycle.

**Location**: A simpler wedding does not have to be lacking in class or style. Last summer I attended an enchanting wedding that took place in a local park. Why not have a daytime wedding outdoors when possible. Choosing a location that is near to many of your guests will reduce your wedding's impact in a big way. If you are not committed to getting married in a place of worship, consider supporting your community garden. Many weddings take place in a local park or rose garden. You could also choose a local museum, art gallery, or even your own backyard.

**Guest List:** No matter what other choices you make, the biggest factor in the ecological and financial impact of your wedding will be its size. Try to cut down on your guest list by limiting attendees to your close family and friends. Trimming your list means you are reducing everything else, from the centerpieces and appetizers that you need to the number of programs, invitations and postage. Of course, if you've always had your heart set on a big wedding, at least choose eco-friendly vendors.

**Invitations:** The green bride and groom might choose invitations printed on beautiful recycled paper. In most cases, you will need additional information on your invitations, such as maps or local data. One great option is having your own wedding site on the Internet where you can post all the info your guests need without wasting paper. Print your wedding site on the invitations with a message like: Don't forget to visit our Online Corner.

**Catering:** Choose small local businesses as your vendors. Besides saving on transportation and polluting less, you will be increasing the businesses of local entrepreneurs. Buy from local farmers who grow and market organic foods, breads and cheeses. Buying local can save you up to 40%. Use recyclable plates, cups, napkins or re-useable glass and porcelain. Avoid plastic or Styrofoam products that are not biodegradable.

**Wedding cake:** Choose a local cake designer that can make you a fabulous organic wedding cake made exclusively with Fair Trade ingredients.

**Buy local:** Almost anything can be found locally, support your local breweries and vineyards. Why use up the earth's precious resources by trucking in a keg of your favorite organic ale from as far away as Europe or wine from California?

There is so much to mention about weddings - next month I will write Part two of this topic: What to wear? - Flowers - Wedding Favors - Photography - Transportation - Jewelry - Music.

Your family and friends will see that a green wedding is less about buying organic and more about cutting down on the massive waste factor, thus being kinder to the planet.

Don't forget, together we can make a difference! - lesleyhaynes14@yahoo.com

### **GROW WNY: Local Website for Everything Environmental**

GrowWNY (<a href="http://growwny.org">http://growwny.org</a>) 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 <a href="http://www.buffalocarshare.org/volunteer.html">http://www.buffalocarshare.org/volunteer.html</a>.

**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 <a href="http://buffalocentralterminal.org/you-can-help/volunteer-with-the-ctrc/">http://buffalocentralterminal.org/you-can-help/volunteer-with-the-ctrc/</a>.

**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 <a href="mailto:jssbuffalo@yahoo.com">jssbuffalo@yahoo.com</a>.

**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-<a href="http://bnriverkeeper.org/get-involved/volunteer/">http://bnriverkeeper.org/get-involved/volunteer/</a> 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 <a href="www.cacwny.org">www.cacwny.org</a>.

**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 <a href="mailto:jim@excaliburls.org">jim@excaliburls.org</a> or visit <a href="http://excaliburls.org">http://excaliburls.org</a>

**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 <a href="mailto:GardenWalkBuffalo@yahoo.com">GardenWalkBuffalo@yahoo.com</a>.

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 <a href="mailto:volunteer@habitatbuffalo.org">volunteer@habitatbuffalo.org</a>.

**Hawk Creek Wildlife Center** is seeking volunteers for who would like to work with wildlife. 16 years or older. Call 716-652-8646. Email <a href="mailto:info@hawkcreek.org">info@hawkcreek.org</a>.

**HOME, Inc.** (Housing Opportunities Made Equal) seeks volunteers to work on various committees to further fair housing. For info/application, email <a href="mailto:muj265@homeny.org">muj265@homeny.org</a> or visit their website at <a href="www.homeny.org">www.homeny.org</a>.

**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 <a href="mailto:jssbuffalo@yahoo.com">jssbuffalo@yahoo.com</a>

**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 Pale ontological 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 <a href="meghmccallum@gmail.com">meghmccallum@gmail.com</a>. 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 <a href="http://www.dec.ny.gov/education/1960.html">http://www.dec.ny.gov/education/1960.html</a>.

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

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

#### Additional calendars with local events-

http://artvoice.com/calendar

http://www.citybration.com

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

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

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

http://www.buffalo.edu/calendar

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

http://buffalorising.com

http://www.buffalobarnraisers.com/

http://rochesterenvironment.com/calendar.htm

# Additional local blogs and websites-

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

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

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

Buffalo Issues Alert- <a href="http://groups.yahoo.com/group/BfloIssueAlerts/">http://groups.yahoo.com/group/BfloIssueAlerts/</a>

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

Buffalo Tours- <a href="http://buffalotours.blogspot.com/">http://buffalotours.blogspot.com/</a>

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- <a href="http://smallfarms.cornell.edu/resources/">http://smallfarms.cornell.edu/resources/</a>

Healthy Kids/Healthy Communities- <a href="http://hkhcbuffalo.blogspot.com/">http://hkhcbuffalo.blogspot.com/</a>

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 <a href="http://www.richardson-olmsted.com/">http://www.richardson-olmsted.com/</a>

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

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

Black Dog Rescue- www.blackdogsecondchance.org

Peace Weavers- http://peaceweavers.org/

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

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

Erie Canal Trailway- www.ptny.org/bikecanal

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

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

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

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

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

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

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

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

Fishing Outdoors- http://www.huntfishnyoutdoors.com/events.php

WGRZ Outdoors- http://www.wgrz.com/local/2-the-outdoors/

Citizen Science Opportunities- listing

## Green Jobs, Internships and Opportunities

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

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

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

Listing of websites-www.tinyurl.com/SustainabilityAndGreenJobs

#### **New York State Resources**

Geographic Information Gateway <a href="http://opdgig.dos.ny.gov/#/home">http://opdgig.dos.ny.gov/#/home</a>

# Youth Summer/Holiday Camps/Home School Series

www.aquariumofniagara.org

www.buffaloaudubon.org

www.buffalogardens.com

www.buffscience.org

www.tifft.org

www.buffalozoo.org

www.penndixie.org

#### **Education Resources**

Green Education Foundation

Facing the Future

Cloud Institute for Sustainable Education

Sustainable Futures Institute

Nature Generation.

The Center for Ecoliteracy

Hamline's Center for Global Environmental Education (CGEE)

The National Science Teachers Association Learning Centers

The US Partnership for Education for Sustainable Development

## **Grant Opportunities**

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

www.wnygrantmakers.org/

www.grantstation.com

www.grantwatch.com

www.grantwrangler.com

www.grantsalert.com

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

https://attra.ncat.org/index.php

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

Arden Farm- <a href="http://theardenfarm.com/">http://theardenfarm.com/</a>

Becker Farms- <a href="http://www.beckerfarms.com/csa">http://www.beckerfarms.com/csa</a>

Buffalo Organics/Foodscaping Project-http://www.buffalofoodscaping.com/

Busti Cider Mill- www.busticidermill.com

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

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

Common Roots Urban Farm- https://www.facebook.com/CommonRootsUrbanFarm/

Dirt Rich Farm- http://www.localharvest.org/dirt-rich-farm-M66269

Eastern Monarch Butterfly Farm- https://www.facebook.com/EasternMonarchButterflyFarm

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

Good Food Farm- www.goodfoodfarm.blogspot.com

Gormley Farms- https://www.facebook.com/gormleyfarms

Green Heron Growers - <a href="http://www.greenherongrowers.com/">http://www.greenherongrowers.com/</a>

Green Shoots- www.jersbuffalo.org/index.php/programs/category/Green\_Shoots\_for\_New\_Americans

Harvest Patch- <a href="http://www.harvestpatch.com/">http://www.harvestpatch.com/</a>

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

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

Native Offerings- http://nativeofferings.com/

Niagara Malt- www.niagaramalt.com

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

Porter Farms- http://porterfarms.org/

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

Queen City Farm- www.queencityfarm.org/

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

Richardson Farms/Grace's Garden-http://www.localharvest.org/richardson-farms-graces-garden-M51641

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- http://tmeadowfarm.com/

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 Meats- http://meatsuite.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

 $\underline{Electronics-} \underline{www.greenergadgets.org/recycling-responsibly.html}, \quad most \; electronics \; stores, \\ \underline{www.sunnking.com}$ 

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

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

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

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

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

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

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

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

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

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

Ink cartridges-RecyclePlace.com and most manufacturers

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

Medicines, expired or unused- http://www.dec.ny.gov/docs/water\_pdf/guidance3.pdf

Needles, Syringes etc.- http://www2.erie.gov/health/index.php?q=needle-disposal-amp-access

Packaging Materials (bubble wrap, peanuts)-UPS Store

Pantyhose/tights- NoNonsense.com/PantyhoseRecycling.aspx

Plant pots- Mischler's Florist and Nursery, Lavocats Nursery, Lockwood's Nursery, Lowes stores, Home Depot

Plastic shopping bags, cereal liners, packing pillows-groceries, many retailers, www.plasticfilmrecycling.org

Plastics 1-7- dropoff at Great Lakes Recycling, 22 Mechanic St, North Tonawanda, 716-692-3448

Recycling A to Z - realsimple

Shoes, athletic-NikeReuseAShoe.com, Souls4Souls.org and OneWorldRunning.com

Sports equipment-resell/trade at www.playitagainsports.com

Tennis balls- <a href="http://www.rebounces.com/recycle/">http://www.rebounces.com/recycle/</a>

Toys, plastic- http://dmpgreen.com/mail\_in.html

Uses and reuses for many items- <a href="http://www.world.org/weo/recycle">http://www.world.org/weo/recycle</a>

Water filters-Brita partners with preserve products.com/recycling

Yoga mats- Recycle Your Mat.com

## **Eco-volunteering with Travel:**

http://www.planetfriendly.net/learn.html

http://www.globalteer.org

http://www.ecovolunteer.org/

http://www.goeco.org/

http://www.wwoof.org/

http://www.americanhiking.org/

## **Education Courses or Certificates:**

Energy University Website with Schneider Electric-Courses are free

Green Classroom Professional Certificate- Online courses, info  $\underline{\text{here}}$ 

Solar Energy Training- http://www.solarenergy.org/training-schedule/

Coursera-www.coursera.org

#### Miscellaneous:

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

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

Adirondack Mountain Club-Niagara Frontier Chapter

Meetings 7:30, second Tues. from Sept.-June

http://adk-nfc.org/

Allegany Nature Pilgrimage http://alleganynaturepilgrimage.com/

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

American Planning Association-WNY Section/Upstate <a href="www.wnyapa.com">www.wnyapa.com</a>

American Meteorological Society-WNY Chapter www.facebook.com/amswnychapter

Amherst Greenways <a href="http://Amherstgreenways.org">http://Amherstgreenways.org</a>

Amherst State Park Arboretum <a href="http://www.amherststatepark.org/ASP/Welcome.html">http://www.amherststatepark.org/ASP/Welcome.html</a>

Animal Advocates of Western New York <a href="http://www.animalswny.org/">http://www.animalswny.org/</a>

Aquarium of Niagara www.aquariumofniagara.org

Artfarms http://www.artfarms.org/

Asha Sanctuary for Rescued Farm Animals <a href="http://www.ashasanctuary.com/">http://www.ashasanctuary.com/</a>

AWARE-Assoc. for Wild Animal Rehabilitation & Education <a href="http://www.awarewildlife.com/">http://www.awarewildlife.com/</a>

Bergen Swamp Preservation Society <a href="http://www.bergenswamp.org/">http://www.bergenswamp.org/</a>

Bless the Beasts Foundation <a href="http://blessthebeastsinc.webs.com/">http://blessthebeastsinc.webs.com/</a>

Bond Lake Environmental & Beautification Committee http://www.freewebs.com/bondlake/

Braddock Bay Bird Observatory <a href="http://braddockbaybirdobservatory.wordpress.com/">http://braddockbaybirdobservatory.wordpress.com/</a>

Buffalo Architecture Foundation <a href="http://www.buffaloarchitecture.org/">http://www.buffaloarchitecture.org/</a>

Buffalo Audubon Society/Beaver Meadow Nature Center <u>www.buffaloaudubon.org</u>

Buffalo Bike Share <u>www.buffalobikeshare.org/</u>

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

Buffalo Citybration http://citybration.com/

Buffalo and Erie County Botanical Gardens www.buffalogardens.com

Buffalo First www.buffalofirst.org/

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

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

Buffalo Green Code <a href="http://www.buffalogreencode.com/">http://www.buffalogreencode.com/</a>

Buffalo in Bloom www.buffaloinbloom.com/

Buffalo Maritime Center <a href="http://www.buffalomaritimecenter.org/">http://www.buffalomaritimecenter.org/</a>

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

Buffalo Museum of Science <u>www.sciencebuff.org/</u>

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

Buffalo Niagara 2050 Transportation www.buffaloniagara2050.com

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

Buffalo Orienteering Club <a href="http://www.buffalo-orienteering.org/">http://www.buffalo-orienteering.org/</a>

Buffalo Ornithological Society <a href="http://www.buffaloornithologicalsociety.org/">http://www.buffaloornithologicalsociety.org/</a>

Buffalo ReUse www.buffaloreuse.org/

Buffalo Solar Carousel http://buffaloheritagecarousel.org/

Buffalo Urban Development Corp <a href="http://budc.ecidany.com/">http://budc.ecidany.com/</a>

Buffalo Zoo www.buffalozoo.org

Burchfield Nature and Art Center <a href="http://www.burchfieldnac.org/">http://www.burchfieldnac.org/</a>

Cabelas www.cabelas.com/stores/store\_info.jsp?pageName=058#events

Center for Environmental Information (Rochester) <a href="http://ceinfo.org/">http://ceinfo.org/</a>

Center for the Study of Art, Architecture, History and Nature <a href="http://buffaloah.com/h/center/index.html">http://buffaloah.com/h/center/index.html</a>

Chautauqua Watershed Conservancy <a href="http://www.chautauquawatershed.org/">http://www.chautauquawatershed.org/</a>

Citizens Campaign for the Environment www.citizenscampaign.org

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

Citizens for Regional Transit www.citizenstransit.org/

Citizen Science Community Resources http://www.airhugger.org/

Clarence Bluebird Trail <u>www.clarencebluebirdtrail.org</u>

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

Clean Communities of Western New York <a href="http://www.ccofwny.org/">http://www.ccofwny.org/</a>

Community Action Organization of Erie County <a href="http://www.caoec.org/">http://www.caoec.org/</a>

Community Foundation for Greater Buffalo <a href="http://www.cfgb.org/">http://www.cfgb.org/</a>

Cornell Cooperative Extension for Cattaraugus County http://chautaugua.cce.cornell.edu/

Cornell Cooperative Extension for Erie County http://counties.cce.cornell.edu/erie/

Cornell Cooperative Extension for Niagara County <a href="http://counties.cce.cornell.edu/niagara/">http://counties.cce.cornell.edu/niagara/</a>

Daemen College Center for Sustainable Communities <a href="www.daemen.edu/academics/centersinitiatives/CSCCE">www.daemen.edu/academics/centersinitiatives/CSCCE</a>

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

Designing to Live Sustainably <a href="http://www.d2lsbuffalo.com/">http://www.d2lsbuffalo.com/</a>

Earth Spirit Educational Services <u>www.earthspiritedu.org</u>

Environmental Education Associates http://environmentaleducation.com/

Environmental Protection Agency <a href="http://www2.epa.gov/aboutepa/epa-region-2">http://www2.epa.gov/aboutepa/epa-region-2</a>

Local Office (716) 551-4410

Erie Canal Harbor Development http://www.eriecanalharbor.com/

Erie County Community College Going Green <a href="http://eccgoinggreen.ecc.edu/index.html">http://eccgoinggreen.ecc.edu/index.html</a>

Erie County Conservation Society <a href="http://eccs-club.org/">http://eccs-club.org/</a>

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 <a href="http://www.eriectyfsc.org/">http://www.eriectyfsc.org/</a>

Erie County Parks and Recreation <a href="http://www.erie.gov/parks">http://www.erie.gov/parks</a>

Erie County Soil and Water Conservation www.ecswcd.org/

Excalibur Leisure Skills https://www.facebook.com/excaliburleisureskills/

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

Farm2Curb <a href="https://www.facebook.com/farmtocurb">https://www.facebook.com/farmtocurb</a>

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

Fillmore Corridor Neighborhood Coalition http://www.fcnc-buffalo.org/

First Hand Learning www.firsthandlearning.org

Food is our Medicine Project <a href="https://www.foodisourmedicine.org/">www.foodisourmedicine.org/</a>

Food Policy Council of Buffalo & Erie County <a href="http://buffaloeriefoodpolicycouncil.org/">http://buffaloeriefoodpolicycouncil.org/</a>

For A Clean Tonawanda Site www.factsofwny.com/

Foundry <a href="http://thefoundrybuffalo.org/">http://thefoundrybuffalo.org/</a>

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

Friends of Times Beach Nature Preserve <a href="http://www.friendsoftimesbeachnp.org/">http://www.friendsoftimesbeachnp.org/</a>

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 <a href="http://gardenwalkbuffalo.com/">http://gardenwalkbuffalo.com/</a>

Genesee County Nature Center <u>www.gcv.org</u>

Global Justice Ecology Project http://global.justiceecology.org/

Go Bike Buffalo http://gobikebuffalo.org/

Good Going WNY <u>www.goodgoingwny.com</u>

Gooseneck Hill Waterfowl Sanctuary www.gooseneckhillwaterfowlfarm.com

Grassroots Gardens of Buffalo www.grassrootsgardens.org/

Greater Buffalo-Niagara Regional Transportation Council <a href="https://www.gbnrtc.org/">www.gbnrtc.org/</a>

Great Lakes Beach Sweep http://greatlakesbeachsweep.org/

Great Lakes Center at Buffalo State College http://greatlakescenter.buffalostate.edu/

Great Lakes Experience <a href="http://www.thegreatlakesexperience.org">http://www.thegreatlakesexperience.org</a>

Green Development Zone <a href="http://greendevelopmentzone.org/">http://greendevelopmentzone.org/</a>

Green WNY <a href="http://greenwny.com/">http://greenwny.com/</a>

Greenworks WNY <a href="https://www.facebook.com/Greenworks-Buffalo-Niagara-418537631544691/">https://www.facebook.com/Greenworks-Buffalo-Niagara-418537631544691/</a>

Groundwork Buffalo www.gwbuffalo.org

Habitat for Humanity Buffalo <a href="http://www.habitatbuffalo.org/">http://www.habitatbuffalo.org/</a>

Heart of the City Neighborhoods, Inc. <a href="https://www.hocn.org">www.hocn.org</a>

Iroquois National Wildlife Refuge <a href="http://www.fws.gov/refuge/iroquois/">http://www.fws.gov/refuge/iroquois/</a>

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

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

Jane's Walk-Buffalo <a href="http://janeswalk.org/united-states/buffalo-ny/">http://janeswalk.org/united-states/buffalo-ny/</a>

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 <a href="http://www.lwvbn.org/">http://www.lwvbn.org/</a>

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

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

Maddie's Pet Rescue Project <a href="http://www.maddieseriecounty.org/">http://www.maddieseriecounty.org/</a>

Massachusetts Avenue Project <a href="http://mass-ave.org/">http://mass-ave.org/</a>

Matt Urban Human Services Center <a href="http://urbanctr.org/">http://urbanctr.org/</a>

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

Nannen Arboretum <a href="http://www.nannenarboretum.org/">http://www.nannenarboretum.org/</a>

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

Nature Ed-Ventures <u>www.natureed-ventures.com</u>

Nature Sanctuary of Western New York <a href="http://nsswny.org/">http://nsswny.org/</a>

New York Farm Bureau <a href="http://www.nyfb.org/">http://www.nyfb.org/</a>

New York Flora Association http://www.nyflora.org/

New York Forest Owner's Association www.nyfoa.org

New York Interfaith Power and Light <a href="https://www.newyorkipl.org/">www.newyorkipl.org/</a>

New York League of Conservation Voters http://www.nylcv.org/

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

New York Public Interest Research Group <a href="http://www.nypirg.org/">http://www.nypirg.org/</a>

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 <a href="http://nysoea.org/">http://nysoea.org/</a>

New York State Parks <u>www.nysparks.com</u>

New York State Sea Grant http://www.seagrant.sunysb.edu/

New York State Soil and Water http://www.nys-soilandwater.org/

New York State Sustainable Agriculture Working Group <a href="http://www.ny-sawg.org/">http://www.ny-sawg.org/</a>

New York Upstate Chapter of the Green Building Council <a href="http://www.greenupstateny.org/">http://www.greenupstateny.org/</a>

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

Niagara Frontier Wildlife Habitat Council <a href="http://www.nfwhc.org/">http://www.nfwhc.org/</a>

Niagara Heritage Partnership <a href="http://www.niagaraheritage.org/">http://www.niagaraheritage.org/</a>

Niagara Restoration Council www.niagararestoration.org/

Niagara River Anglers Association <a href="http://www.niagarariveranglers.com">http://www.niagarariveranglers.com</a>

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 <a href="http://www.oneregionforward.org/">http://www.oneregionforward.org/</a>

Open Buffalo http://www.openbuffalo.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

Plant WNY <a href="http://www.plantwny.com/">http://www.plantwny.com/</a>

Preservation Buffalo Niagara <a href="http://www.preservationbuffaloniagara.org/">http://www.preservationbuffaloniagara.org/</a>

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) <a href="http://rarerehab.org/">http://rarerehab.org/</a>

Restore our Community Coalition <a href="http://roccbuffalo.org/">http://roccbuffalo.org/</a>

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

ReUse Action <a href="http://reuseaction.com/">http://reuseaction.com/</a>

Rise Up for Climate Justice https://www.facebook.com/riseupforclimatejustice/

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

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

Sierra Club (Niagara Group of Atlantic Chapter) http://niagarasierraclub.com/

Slow Roll Buffalo http://slowrollbuffalo.org/

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

SPCA serving Erie County www.yourspca.org

Street Synergy <a href="http://www.streetsynergy.org/">http://www.streetsynergy.org/</a>

SUNY Fredonia <a href="http://www.fredonia.edu/gogreen/">http://www.fredonia.edu/gogreen/</a>

Sustainability at Buffalo State <a href="http://sustainability.buffalostate.edu/">http://sustainability.buffalostate.edu/</a>

Sustainable Earth Solutions www.sustainableearthsolutions.com

Tifft Nature Preserve <a href="http://www.tifft.org/tifft/">http://www.tifft.org/tifft/</a>

Tonawanda Creek Watershed Committee https://tonawandacreek.shutterfly.com/

Tuscarora Environmental Task Force <a href="http://www.tuscaroraenvironment.com">http://www.tuscaroraenvironment.com</a>

21st Century Park on the Outer Harbor <a href="http://21stcenturypark.org/">http://21stcenturypark.org/</a>

UB Engineers for a Sustainable World <a href="http://www.eng.buffalo.edu/esw">http://www.eng.buffalo.edu/esw</a>

UB Environmental Network https://www.facebook.com/groups/2239558471/

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/

University Heights Collaborative http://ourheights.org/

UnwasteNY <a href="http://www.unwasteny.org">http://www.unwasteny.org</a>

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

Urban Roots <u>www.urbanroots.org/</u>

US Army Corps of Engineers-Buffalo District <a href="http://www.lrb.usace.army.mil/">http://www.lrb.usace.army.mil/</a>

US Coast Guard-Boating Safety <a href="http://www.wnyboatsafe.org/">http://www.wnyboatsafe.org/</a>

Vision Niagara <a href="http://visionniagara.org/">http://visionniagara.org/</a>

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

WASH Project <a href="http://thewashproject.org/">http://thewashproject.org/</a>

Wellness Institute <a href="http://www.healthycommunitynetwork.com/">http://www.healthycommunitynetwork.com/</a>

Western Chapter New York Water Environment Association <a href="http://nywea.org/">http://nywea.org/</a>

Western New York AmeriCorps (Service Collaborative) <a href="http://www.tscwny.org/">http://www.tscwny.org/</a>

Western New York Earth Day <a href="http://www.wnyearthday.org/">http://www.wnyearthday.org/</a>

Western New York Environmental Alliance http://www.growwny.org/

Western New York Herpetological Society <a href="http://www.wnyherpsociety.org/">http://www.wnyherpsociety.org/</a>

Western New York Hiking Trails and resources www.wnyhikes.com

Western New York Land Conservancy <a href="http://www.wnyk.org/">http://www.wnyk.org/</a>

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

WNY Partnership for Invasive Species Mgmt (PRISM) <u>www.wnyprism.org</u>

WNY Permaculture <a href="https://www.facebook.com/WNY-Permaculture-1098493876841295/">https://www.facebook.com/WNY-Permaculture-1098493876841295/</a>

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

Western New York Service Learning Coalition http://levesqueinstitute.niagara.edu/programs/wnyslc/

Western New York Soil Health Alliance <u>www.wnysoilhealth.com</u>

WNY STEM <a href="http://wnystem.org/">http://wnystem.org/</a>

Western New York Stormwater Coalition http://www2.erie.gov/environment/

Western New York Sustainable Business Roundtable <a href="http://www.wnysustainablebusiness.org/">http://www.wnysustainablebusiness.org/</a>

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

WNY Peace Center Renewable Energy Task Force <a href="http://wnypeace.org/new/projects.html">http://wnypeace.org/new/projects.html</a>

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

West Valley Citizen Task Force <u>www.westvalleyctf.org</u>

Wild Kritters <a href="http://www.wildkritters.com/">http://www.wildkritters.com/</a>

Wild Ones, Native Plants and Natural Landscapes <a href="http://www.wildonesniagara.org/">http://www.wildonesniagara.org/</a>

Wild Spirit Education <a href="http://www.wildspirit.org/">http://www.wildspirit.org/</a>

Wind Action Group <a href="https://buffalowind.wordpress.com/">https://buffalowind.wordpress.com/</a>

Working for Downtown <a href="http://www.workingfordowntown.org/">http://www.workingfordowntown.org/</a>

World on your Plate <a href="http://www.worldonyourplate.org/">http://www.worldonyourplate.org/</a>