

Enviro-News

February, 2017

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 for the Environment, The 4R's by Lesley Haynes
- Volunteer Opportunities, Recycling, CSAs and Farms, Organization links

Articles:

EPA Seeks Nominations for Environmental Champions

The U.S. Environmental Protection Agency annually recognizes and honors environmental trailblazers – individuals, businesses and organizations that have contributed significantly to improving the environment and protecting public health. EPA is seeking nominations of environmental stewards within its region covering New York for its Environmental Champion Awards until **February 3, 2017**. To nominate an individual or organization, please visit <http://www.epa.gov/aboutepa/environmental-champion-awards>.

Reinstein Woods Taking Orders for Native Plants

Friends of Reinstein Woods is accepting orders for their native perennial plant sale through **Saturday, February 11, 2017**. The sale will raise funds to support environmental education programs offered by Reinstein Woods Nature Preserve. Sixteen flower varieties and two shrub species are available including Cardinal Flower, Butterfly Milkweed and Serviceberry. Orders may be placed at <http://reinsteinwoods.org/nativeplantsale/> or by downloading a mail-in order form. Plant orders may be picked up on Saturday, May 20, 2017 from 10:00 a.m. to 1:00 p.m. at Reinstein Woods Nature Preserve, 93 Honorine Drive, Cheektowaga. For more information, call 716-683-5959.

2017 Communities in Bloom

Cornell Cooperative Extension is offering two spring gardening classes (same content each day) from 8:30-2:30pm on **February 18 and 25**. Pre-registration is required and the cost is \$20. [Information and Registration](#)

Reinstein Woods Winter Wonderland

Reinstein Woods Nature Preserve invites the public to celebrate "Winter Wonderland in the Woods" on **Saturday, February 11** from 12-4 p.m. Ice-fishing demonstrations, snowshoe rentals for those who wish to explore the trails of the preserve and maple sugaring are options along with a snowball target toss and Wildlife Spotters Challenge trail. Kids can also express their creative side in the snow art area and make crafts indoors. The Niagara Frontier Search and Rescue Team will be on hand to talk about winter rescue and will provide a compass navigation course for participants looking to test their navigation skills. Families can warm up inside the education center with hot drinks and snacks sold by Friends of Reinstein Woods. The SPCA Wildlife Department will present informative talks on wild animal rehabilitation at 1 p.m. and 3 p.m. Visitors can bring used alkaline batteries for recycling by the Coalition for Positively Charged People and Friends of Reinstein Woods. The event happens regardless of snow conditions, and additional activities will be added in case of warm weather. Registration is not required for this free event, but donations to Friends of Reinstein Woods are welcome. Reinstein Woods Nature Preserve is located at 93 Honorine Drive, off of Como Park Boulevard in Cheektowaga. For info, contact Reinstein Woods at 683-5959, or visit the [Reinstein Woods website](#) and search for "Winter Wonderland."

Champions for Change

Champions for Change learn how to turn ideas into action through practical tools, knowledge and support to take back to their communities. Successful applicants will attend six Monday workshops (6:00pm-8:40pm February 27, March 13, 27, April 10, 24, May 8) at University at Buffalo, South Campus, Hayes Hall. [Applications](#) are due by **February 12, 2017**.

Beaver Meadow Audubon Center Seeks Community Input for Nature Play Area

All are invited to participate in a Nature Play Area Focus Group at the Beaver Meadow Audubon Center in North Java, NY on **Sunday, February 12, 2017** from 1:30-3:00 PM. Beaver Meadow Audubon Center is a place where people can connect with nature and learn about the habitats, ecosystems and wildlife of Western New York. Its 384 acre preserve has 8 miles of trails and a nature center with displays and classrooms. The session will be conducted by Rusty Keeler, author of *Natural Playscapes: Creating Outdoor Play Environments for the Soul* and designer with Earthplay. Rusty has been instrumental in the design of Nature Play Areas across the country. Rusty will lead an interactive discussion to help identify nature play elements that connect with the thematic areas identified in focus group sessions held at Beaver Meadow in December. During the session, snacks and refreshments will be provided. Families who attend will be able to experience the trails, exhibits and facilities of Beaver Meadow before or after the session. If you are interested in participating, please contact Lauren Makeyenko, Director of Education at 585-457-3228 or email info@buffaloaudubon.org

2017 Docent Training for Preservation Buffalo Niagara

Preservation Buffalo Niagara is seeking a new docent class for our tour program! Incoming docents will be certified for our signature Queen City Downtown and City Hall tours, as well as a special Michigan Avenue Corridor tour. There will be an introductory meeting on **Friday, February 17** at 3 pm to go over the syllabus and answer any initial questions. Training will run for eight consecutive Thursdays beginning February 23 in order to certify docents to do these tours. Training will culminate with a “graduation tour” which the trainee will lead under the supervision of an experienced docent. Interested parties should fill out an application or contact PBN directly at (716) 852-3300. The [application](#) deadline is **Monday, February 13**.

Containment: Nuclear Waste

A free film screening of “Containment” is open to the public on **Tuesday, February 21** at 6:30pm, Schenck Hall, Daemen College 4380 Main St., Amherst. The event is co-sponsored by Sierra Club Niagara, Daemen College Global & Local Sustainability Program and the Paul A. Saffrin Center for Sustainability. "Containment" is about the scientific, moral and philosophical problems that surround the disposition of nuclear waste. This very informative documentary will be followed by a discussion of our own West Valley Nuclear Waste Facility by a panel of extremely knowledgeable citizens, organizations and tribes who have been in the forefront of the fight to clean up this site for the last 3-4 decades. Can we contain some of the deadliest, most long-lasting substances ever produced? Left over from the Cold War are a hundred million gallons of radioactive sludge, covering vast radioactive lands. Governments around the world, desperate to protect future generations, have begun imagining society 10,000 years from now in order to create monuments that will speak across time. Part observational essay filmed in weapons plants, Fukushima and deep underground—and part graphic novel—Containment weaves between an uneasy present and an imaginative, troubled far future, exploring the idea that over millennia, nothing stays put. For info, visit <https://niagarasierraclub.com/>

Rehabilitating Wildlife 2017

Association for Wild Animal Rehabilitation and Education (AWARE), will be offering training for those interested in preparing for a wildlife rehabilitator license and/or volunteering with AWARE. The workshops will be held at Starpoint Central School, 4363 Mapleton Road, Lockport. Session I (**February 18 and 25** from 10am-1pm) is designed to prepare future rehabilitators or volunteers for beginning rehabilitation of wild mammals.. Session II (**March 4, 11 and 18**) specifically focuses on the rehabilitation of birds. Cost is \$75 for all five days. For info and registration, visit www.awarewildlife.com.

Sealed with a Kiss

Looking for a kiss on Valentines Day? How about a kiss from a Harbor seal! Share an experience with your loved one that you'll never forget by receiving a kiss from a seal, a photo to commemorate the day and delicious chocolate! Sessions are available at 10am and 1:30pm from **February 10-20**; however, only four couples per session. Cost is \$99.95 and registration is required. Info at www.aquariumofniagara.org/special-events.

Marvin Lunenfeld Beautification Grant Applications

Garden Walk Buffalo has granted around \$100,000 since 2005 in Marvin Lunenfeld Beautification Grants for nearly 100 beautification projects to block clubs and community groups in the neighborhoods of Garden Walk Buffalo. Award amounts are based on the overall project cost, eligible projects are required to include matching funds from government, private contributions or volunteer sweat equity. Garden Walk invites you to complete an application for review for the 2017 grant cycle. Past projects have included streetside planters, hanging baskets, storm damage repair, historic garden restoration, annuals for planters, community gardens and much more. Applications can be [found here](#). Deadline is **February 21**.

Hempcrete Workshop in Rochester

Rochester's 21st Century Hemp is proud to host Hemp Technologies, builders of the first permitted hempcrete homes in America, and Hemp Solutions USA, for a world class hands-on instructional hemp building educational event **February 22** from 10am to 3pm at Brighton Parks & Recreation Center, Rochester. This workshop includes presentations on the fascinating science and use of hemp and lime construction infill, along with complimentary whole healthy house building applications, and the current federal regulatory cultivation landscape and processing infrastructure. Hempcrete, made from industrial hemp and lime, is the healthiest possible building material for constructing a safe indoor air environment. It is mold-resistant, rot-resistant, fire-resistant and pest-resistant. Hempcrete is a carbon negative, carbon sequestering building material that is durable and recyclable, lasting hundreds of years. Hempcrete regulates temperature and has a high vapor permeability, so it can absorb and release water, allowing it to respond to changing humidity levels and creating a "breathable wall." Info and registration at www.HempcreteWorkshop.com.

Green Drinks at The Green Machine

Join us for another Green Drinks event on Thursday **February 23rd** from 5:30-7:30pm. This month's event will be hosted by [The Green Machine](#), a company that is bringing their lithium-ion battery powered construction equipment to our region and beyond. Their goal is to spread the benefits of using this technology as opposed to traditional diesel equipment, which are dirtier, louder, and more costly to maintain. The event will be at their facility located at 1001 E. Delavan Avenue where we're hoping to get some sneak peaks at their mini excavators, electric light towers, clean power generators and more! RSVP to Melanie at mmcmahan@cirelectric.com and **write GD RSVP 2/23 in the header and include your name, email and company you work for if it is not already in your email signature**. Join the [facebook event page](#) to learn more about promotions and cool goings on from GreenWorks Buffalo Niagara.

Polar Bites 2017

Buffalo's wintertime fundraiser for the Buffalo takes place on **February 23, 2017** from 6 p.m. until 9 p.m. at the Buffalo Niagara Convention Center. Featuring food samplings from some of Western New York's finest restaurants as well as a basket auction, silent auction, glacier gift wall and visits with some of the Zoo's ambassador animals. Tickets are \$30 presale and \$40 at the door and include admission, unlimited samplings, 2 drink tickets, free parking and more. A limited number of VIP tickets are also available for \$55 and include early admission and other fun Zoo goodies. [CLICK HERE for tickets](#).

Second Aggregate Purchase of Zero-emission Vehicles

The Office of General Services (OGS) and the Department of Environmental Conservation (DEC) have released more details on their upcoming aggregate bid for plug-in hybrids and battery electric vehicles. Authorized users of the [New York State Vehicle Marketplace](#) (i.e., municipalities and state agencies) can participate. Bid forms are due by the close of business on **Wednesday, February 15, 2017**. Two separate aggregate bids will be awarded, one for plug-in hybrids and one for pure battery electric vehicles. If you have any questions or would like to participate in the aggregate bid, please contact Pamela Hadad-Hurst at DEC (pamela.hadadhurst@dec.ny.gov) or Anna Eckstein-Burns at OGS (Anna.Eckstein-Burns@ogs.ny.gov).

Environmental Excellence Awards Program

The Erie County Environmental Management Council Environmental Excellence Awards Program recognizes exceptional projects carried out by municipal and nonprofit organizations in Erie County that stand to have a significant and lasting positive impact on the natural environment. The program is sponsored by the Erie County Environmental Management Council (EMC) and is designed to showcase and promote projects that can be replicated in communities across Erie County and beyond. If you represent a municipal government or non-profit organization in Erie County that has recently completed a project that has environmental benefits, we invite you to nominate your project for consideration in this year's Environmental Excellence Awards Program. Projects could be in the areas of Planning & Design, Land Use and Zoning, Natural Resource Protection, Air and Water Quality, Ecosystem Health, Energy and Transportation, Agriculture and Forestry, Solid Waste Management, Contaminated Sites, Community Action & Education, Climate Change or any other related subject area. Environmental Excellence Award nominations are due by **March 1, 2017**. Nominations are evaluated by a panel of reviewers from the ECEMC, with winners announced during Earth Week (April 2017). Please address any questions to Josh Wilson at peter.wilson@erie.gov. An application form will be posted soon to [award site](#).

DEC Accepting Applications for Urban Forestry Projects

The New York State Department of Environmental Conservation (DEC) is accepting applications to fund urban forestry projects that will enhance landscapes and provide green spaces in urban areas across the state. Grants are available to municipalities, public benefit corporations, public authorities, school districts, soil and water conservation districts, community colleges, not-for-profit organizations, and Indian nations or tribes. Awards range from \$11,000 to \$75,000, depending on municipal population. Tree inventories and community forestry management plans have no match. Tree planting and maintenance projects have a 25 percent match. Applicants may apply for the grant in the Grants Gateway. Instructions and application are available on [Grants Gateway](#) website. The deadline for applications on the Grants Gateway is **March 1, 2017** at 3 p.m.

Rural Landowners Workshop

A Rural Landowners Workshop will be held **Saturday, March 4, 2017** from 9:00 AM - 3:00 PM, sponsored by Cornell Cooperative Extension. Presenters are brought in from both private and public sectors to provide participants with up-to-date information. The program will be held at Pioneer Central School located on County Line Road in Yorkshire, NY. There is a cost for this program and pre-registration is required. For full agenda or to be added to mailing list contact: Lynn Bliven, Agricultural Economic Development lao3@cornell.edu or call 585-268-7644 ext 18.

Beerology

It's science on tap! Join the Buffalo Museum of Science on **Saturday, March 4, 2017** from 7 to 10pm to learn about the science of beer and have your science on tap! Beerology guests can sample beers and other brews from some of the best micro breweries in the area, snack on beer-friendly foods, and enjoy presentations on home brewing and a variety of beer-related topics by the Niagara Association of Homebrewers, Sultans of Swig, Buffalo Beer Goddesses, and more. Adults 21+ only. General Admission \$45 [BUY NOW!](#)

2017 Tree and Shrub Orders for Erie and Niagara Counties

Erie County Soil and Water Conservation District is taking orders for their seedling until **March 17**. Their pickup day will be April 22. For order info, visit [Tree and Shrub Orders](#).

Niagara County Soil & Water District is accepting [tree orders](#) until **March 10, 2017**. Pickup is Friday, April 21, 2017 9:00am to 4:00pm and Saturday, April 22, 2017 9:00am to 12:00pm at Niagara County Fairgrounds - 4487 Lake Ave (Rt 78), Lockport, NY 14094.

YIMBY Festival Planned for Earth Day

The first annual Buffalo YIMBY (Yes in my backyard) Festival is coming this Earth Day, **April 22, 2017**. If you are interested in participating, or would like to serve on a sub-committee, volunteer for the event, or secure a booth for your organization, visit <https://www.facebook.com/YIMBYBuffalo/>. The event will be 10am to 4pm at 2495 Main St., Tri-Main Center, Buffalo. Event will be free.

Renewable Energy Conferences in April

NY-GEO 2017 will be held from **April 19-20** in Albany, NY. This conference features information on geothermal heating and cooling. Save registration costs with early registration until March 1 at [Early Bird Registration](#).

The 13th Annual Symposium on Energy in the 21st Century will be **April 21** at The Links, East Syracuse. Info can be found at [REGISTER NOW](#). Optional tours follow the meeting.

DEC Seeks Assistance to Locate Black Bear Dens

State Department of Environmental Conservation (DEC) wildlife biologists are seeking the public's help to learn about new black bear dens throughout New York. As part of DEC's ongoing monitoring of black bears in New York, wildlife biologists periodically check on black bears during the winter den season. The bears may be fitted with a radio collar to help biologists track the bears' activities throughout the rest of the year and to relocate dens in subsequent years for monitoring cub production, condition, and survival. Bears may den in a rock crevice, tree cavity, or under heavy brush or fallen trees. Since female bears generally give birth in January or early February, a high-pitched squeal from the cubs may be audible if near a den. New York hikers and hunters typically cover countless miles of wooded terrain each year. DEC urges anyone who finds a bear den to not approach or disturb the den, but simply to note the location and move away from the den site. DEC requests that anyone locating a bear den contact their local DEC Wildlife office with specifics about the den location, including GPS coordinates if possible. A list of regional wildlife offices is available on DEC's website. <http://www.dec.ny.gov/>

NY-Sun Solar Guidebook and Technical Assistance for Local Governments

NYSERDA recently developed and launched the [NY-Sun Solar Guidebook for Local Governments](#). NY-Sun designed the Solar Guidebook to help local governments prepare for and develop their local solar economies. The Guidebook includes updates to the NYS Unified Solar Permit and guidance on the New York State fire code, along with other practical information to aid local officials. Does your town need an expert's opinion on a solar question? Local governments can access free training and technical assistance from NYSERDA's NY-Sun Photovoltaic Trainers Network (PVTN). The PVTN can help with all types of questions relating to New York State's solar electric market. The PVTN has expertise on topics including solar photovoltaic engineering, code and inspection, solar policy and regulatory development, and stakeholder engagement. The PVTN offers in-person [trainings](#) for municipal officials statewide and a set of [online resources](#) about solar energy.

Project Sunroof

Are you curious about how much solar could be generated by your roof? Now you can use Google Earth imagery to analyze your roof shape and local weather patterns to create a personalized solar plan. Check it out at <https://www.google.com/get/sunroof#p=0>.

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 www.reuseaction.com, call our store at 716-894-3366, or stop by 980 Northampton Street for a visit any Tuesday, Friday or Saturday from 9am-4pm. Profits from sales put people to work!

Wilderness and Remote First Aid Course

Paths, Peaks and Paddles is offering a "Wilderness and Remote First Aid" course. This course will prepare those who are "outdoors people" as well as Western New Yorkers coping with our weather emergencies. This is an American Red Cross Course and has a two year certification. This course is taught over four consecutive evenings from 6:00 PM to 10:00 PM. Your final training session is conducted in the outdoors with a 3 hour hands on practical and a 1 hour written test. Cost is \$135.00. Course is scheduled for Thursday evening's 2/2, 2/9, 2/16, 2/23/17. The final hands on practical scheduled at Saturday 4/8/17. The in-class sessions will be held at Paths, Peaks & Paddles 1000 Ellicott Creek Road Tonawanda, NY 14150. If you have any questions regarding the course feel free to contact us directly at 716-213-0350 or at pppinfo@pathspeakspaddles.com.

Kayak & Canoe Safety Rescue Clinic

Don't wait for the paddling season to begin and you think - "What do I do now?" Come join us for a 3 week class, and learn to save yourself or someone else. All equipment is provided all you need to bring is a swimsuit, towel, a lock for your locker and a positive mental attitude All instructors are New York State Licensed Guides. These sessions will be conducted Friday evenings from 7:00 PM to 9:00 PM. Classes will run: Friday 2/3, 2/10 & 2/17/17. Cost \$205.00. The class will be held at Mill Middle School, 505 Mill Street, Williamsville, NY 14221. Paths, Peaks & Paddles is teaming up with the Williamsville Community Education Programs to present this session. You do not have to be a member of the Williamsville to sign up. For your convenience there are several different options that you can choose so you can sign up. Sign up On Line at: <http://Williamsville.augusoft.net> or by phone at 716-626-8080. Feel free to contact us at 716-213-0350 if you have any questions regarding the sessions.

Summer Advanced Bander Workshop

Braddock Bay Bird Observatory is pleased to offer an Advanced Banders' Training Workshop, running from the afternoon of **Wednesday July 19** through the morning of **Sunday July 23, 2017**. As this is an advanced workshop, we suggest that workshop participants have prior mist-netting and banding/processing experience of at least 200 birds. The cost of the course is \$250.00 (\$225.00 plus a \$25 registration fee), which includes the cost of housing and materials. Meals in the area are the students' responsibility. If you can provide your own housing, the cost of the course will be reduced by \$50. To sign-up, download the [Summer 2017 Advanced Workshop Application](#). For additional information about the Banders' Training Course please contact:

Army Seeking Biodegradable Bullets

At military training facilities around the world, thousands of spent shells remain on the ground where they can rust and pollute soils and groundwater. The Department of Defense is soliciting proposals for biodegradable bullets "loaded with specialized seeds to grow environmentally beneficial plants that eliminate ammunition debris and contaminants." Proposals are being solicited until February 8, after which time, the chosen contractors will produce the biodegradable bullets as part of a three-phase process.

Wind and Solar Simulations for Global Availability

Renewables.ninja allows you to run simulations of the hourly power output from wind and solar power plants located anywhere in the world. This tool will help make scientific-quality weather and energy data available to a wider community. Check it out at <https://www.renewables.ninja>

Final Guidance on Consideration of Greenhouse Gas Emissions and the Effects of Climate Change

Under NEPA, Federal agencies are required to consider and disclose the potential effects of their actions and decisions on the environment. In many cases, Federal actions have the potential to contribute to climate change by producing greenhouse gas emissions or alternatively, be affected by many of the impacts of a changing climate, such as rising sea levels, extreme weather, drought and wildfires. A final guidance provides a level of predictability and certainty by outlining how Federal agencies can describe these impacts by quantifying greenhouse gas emissions when conducting NEPA reviews. This increased predictability and certainty will allow decision makers and the public to more fully understand the potential climate impacts of all proposed Federal actions, and in turn, assist agencies in comparing alternatives and considering measures to mitigate the impacts of climate change. <https://www.whitehouse.gov/the-press-office/2016/08/02/fact-sheet>

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 <http://meatsuite.com/>

Watch the Know Your Food Series

Know Your Food is a short film series that introduces consumers to key terms and principles that can help them make more informed decisions about the food they eat. [Click here to watch the Know Your Food videos.](#)

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, [foodnotbombs](#)

Hemlock Woolly Adelgid Educational Video

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

Public Comment Period for Draft MS4 Permit Extended

DEC is extending the comment period for the draft renewal of the [SPDES General Permit for Stormwater Discharges from Municipal Separate Storm Sewer Systems \(MS4\) \(GP-0-17-002\) and supporting documents](#) to close of business on **February 3, 2017**. Submit written comments to: Ethan Sullivan, NYSDEC, Division of Water, 625 Broadway - 4th Floor, Albany, NY 12233-3505 or by e-mail to Stormwater_info@dec.ny.gov. If submitting comments by e-mail, please include "Comments on the Draft Renewal of the 2017 MS4 GP" in the subject line.

Clean Power for All

Green for All along with a diverse coalition of organizations has assembled a series of toolkits that provide leaders with solutions to ensure equity in the Clean Power Plan implementation. The result from this collaboration is the [Clean Power For All Policy Innovation Center](#). This plan includes best practices and concrete policy options to use in convincing your state to achieve critical goals, such as: harnessing allowance values to help rebuild frontline communities and accelerate clean energy opportunities for families; creating policies to increase access to high quality jobs in clean energy by job seekers from frontline communities; providing investments for workers and the economic redevelopment of communities affected by the transition away from fossil fuels. To view the first edition of the toolkits, visit thecleanpowerplan.com.

Clean Energy Communities in New York State

Clean Energy Communities is a \$16-million initiative to help local governments across the state reduce energy consumption and drive clean energy use in their communities. Local governments that complete four out of ten identified High Impact Actions will earn the Clean Energy Community designation and access to grant funding to implement additional clean energy projects. To learn more, visit <http://nyserda.ny.gov/cec>.

World Wildlife Fund Offers Training in Climate Change and Adaptation

New to adaptation? Overwhelmed by new concepts and terminology? Start here! WWF has developed a series of free, interactive online courses on climate change and adaptation designed specifically for those interested in biodiversity conservation but just as useful for people working in other fields. The courses use simple, non-technical language to explain concepts that are often confusing for newcomers to climate change adaptation. The site also offers instructions and materials for fun, participatory activities for use in face-to-face adaptation trainings. Courses are available in English, Chinese, French, Russian and Spanish. Additional courses, activities and translations in other languages are in development. Check them out at [WWF Adapt](#)

Join the Recycling Pledge

Make the commitment to raise Buffalo's recycling rate from its current 26% to 34% (national average) or more. Interested in pledging? Please visit www.buffalorecycles.org for resources to help you recycle your materials. You may win the 34andMore T-Shirt too!

The U.S. Food Loss and Waste Challenge

Businesses, organizations and schools are invited to join the U.S. Food Waste Challenge. To enter, complete the appropriate form below with information about the activities/objectives your organization will undertake in the next year to reduce, recover, and recycle food waste in the United States. [Form for K-12 schools](#) Or [Form for all others](#) , or, join via participation in the [EPA Food Recovery Challenge](#) and benefit from EPA's technical assistance to set specific quantitative food-waste goals and attain them!

Join Youth Service America (YSA)

Does your organization work with and/or share a commitment to mentoring, engaging, or empowering young people? If so, we want YOU as a Community Partner! YSA's Community Partner Program is a coalition of organizations that share a vision of youth as leaders today and tomorrow. While some Community Partners may be an affiliate or chapter of a larger organization, like a local Girl Scout troop, most are medium to small organizations working directly with youth. We're looking for like-minded organizations that share a vision of youth as leaders to join YSA's Community Partner Program. Receive resources, tools, best practices, and networking opportunities to strengthen your organization's work and create quality programming opportunities for young people in your community. To learn more about the Community Partner Program and apply, visit www.YSA.org/CommunityPartner.

EPA Proposes Ban of TCE Under Chemical Reform Law

The U.S. Environmental Protection Agency (EPA) is proposing to ban certain uses of the toxic chemical trichloroethylene (TCE) due to health risks when used as a degreaser and a spot removal agent in dry cleaning. EPA identified serious risks to workers and consumers associated with TCE uses in a 2014 assessment that concluded that the chemical can cause a range of adverse health effects, including cancer, development and neurotoxicological effects, and toxicity to the liver. Comments on the proposed rule must be received 60 days after date of publication in the Federal Register. The proposed rule and supporting documents will be available in the Federal Register docket at: <https://www.regulations.gov/> by searching for HQ-OPPT-2016-0163. Learn more: <https://www.epa.gov/assessing-and-managing-chemicals-under-tsca/trichloroethylene-tce>.

\$3 Million Available to Municipalities for Zero-Emission Vehicles and Infrastructure

The Municipal ZEV rebate program will be administered by DEC through the [New York State Grants Gateway](#). Municipalities will be eligible for reimbursement of up to \$5,000 per vehicle for purchase or leasing of eligible clean vehicles, and up to \$250,000 per facility for installation of eligible Electric Vehicle Supply Equipment or hydrogen fuel cell infrastructure. DEC will accept applications for rebates on a first-come, first-served basis through **March 31, 2017**, or until the funds are exhausted. Applications will be evaluated according to the criteria outlined in the Request for Applications found in the Grants Gateway [Grant Opportunity Portal](#).

Protecting your Trees from Oak Wilt

Oak wilt, a deadly fungal disease for oak trees was discovered in six new locations in New York last year. This disease can be spread by beetles that are attracted to freshly cut or injured trees. Pruning in winter protects oaks from becoming infected. Trees pruned in winter respond more vigorously in the spring, putting out new growth. The oak wilt fungus clogs the trees' transport vessels, cutting off water and food from leaves and the rest of the tree. One way oak wilt spreads is when fungal spores hitch rides on insects. Sap beetles, one of the main culprits, are extremely attracted to fresh tree wounds. Pruning oaks during the growing season greatly increases the chances of insects infecting them with oak wilt.

PCBs and Lead Removal from Eighteen Mile Creek Superfund Site

The U.S. Environmental Protection Agency has finalized a plan to remove contamination in a one mile creek corridor section of the Eighteen Mile Creek Superfund Site, in Lockport. The section from the Erie Canal to Harwood Street and several adjacent properties are contaminated with polychlorinated biphenyls (PCBs), lead and other contaminants. PCBs can damage the immune, reproductive, nervous and endocrine systems and are potentially cancer-causing. Lead can damage the nervous system. This portion of the site cleanup will cost an estimated \$23 million. This cleanup plan, which is the second phase of cleanup at this site, will require the complete removal of contaminated sediment in the creek corridor. The EPA requires a combination of excavation and off- site disposal, capping, and institutional controls to address contaminated soil at Upson Park, the former Flintkote Plant, White Transportation, and former United Paperboard Company properties. During the removal of contaminated sediment, the dilapidated Clinton and William Street dams will be removed. The EPA accepted public comments for 30 days and considered public input before finalizing the plan. For the record of decision and more information about the Eighteen Mile Creek Superfund Site, visit: <https://www.epa.gov/superfund/eighteenmile-creek> or contact basile.micahel@epa.gov

New Farm Worker Protection Standard

The federal Environmental Program Agency (EPA) issued a new Worker Protection Standard (WPS) rule, which affects farms on which pesticides are used in the production of agricultural crops. A majority of the rule revisions will go into effect on January 2, 2017. Detailed information about these changes can be found on the EPA website at <https://www.epa.gov/pesticide-worker-safety/revisions-worker-protection-standard>.

Guide Helps Incorporate Biodiversity Practices on the Farm

The Wild Farm Alliance has released [Biodiversity Conservation: An Organic Farmer's and Certifier's Guide](#). The Guide clarifies the National Organic Program's (NOP) new Natural Resources and Biodiversity Conservation Guidance (released January 2016). The Guide also will increase organic farmers' and certifiers' understanding of the myriad of benefits provided by biodiversity conservation.

New Pesticide Product Registration Database

The NYSDEC Bureau of Pest Management is pleased to announce that the new pesticide product registration database is now "live". The web address is <http://www.dec.ny.gov/nyspad/>. When visiting the webpage, please select the Products icon on the right side of the page to perform product searches. This pesticide search database is replacing the Product, Ingredient, and Manufacturer System (PIMS) product database that has been hosted by Cornell University since its inception. The new search database includes many added features, including site and pest searches. Additionally, updates to the product data and labeling will be reflected instantaneously. Previously, product registration data was updated approximately every two weeks.

New Shoe from Artificial Spider Silk

Adidas has used biomimicry to design a new shoe from artificial spider silk. The Futurecraft Biofabric, features an upper made from "Biosteel", a 100 percent biodegradable filament derived from the same proteins that spiders use to make their webs. The fibers are about 15 percent lighter than conventional synthetic materials while being stronger and more breathable. For more: <https://www.wired.com/2016/11/compost-adidas-spider-silk-shoe/>.

Food Hub Grower Meeting

Eden Valley Growers (EVG), a farmer-owned cooperative and the owner/operator of the Western NY Food Hub, invites you to attend an information session on how they provide technical assistance and support for farmers interested in selling to the Western NY Food Hub. Eden Valley Growers, along with their project partners Cornell Cooperative Extension and Field & Fork Network, will host the meeting on **February 23, 2017** at Cornell Cooperative Extension of Erie County, from 11am-1pm, location is to be announced.

The Western NY Food Hub sources fruits and vegetables from growers around Buffalo and in twelve counties of Western New York – Erie, Niagara, Orleans, Genesee and Wyoming, Chautauqua, Cattaraugus, Monroe, Livingston, Allegany, Wayne and Ontario. Products are sold and distributed predominantly to wholesale buyers in Buffalo, and to buyers across the entire state of New York, as well as the Northeast and Mid-Atlantic.

For more information and to reserve your spot at this free meeting, **please RSVP to Dave Walczak by February 21, 2017** at [716-992-9721](tel:716-992-9721) or email dnwedenvally@roadrunner.com

Cornell Small Farms Program Offers Online Courses

The Cornell Small Farms Program offers over twenty courses to help farmers improve their technical and business skills. Students connect with other farmers, work on farm plans, and gain practical tips without leaving their home. Most courses are six weeks long. Each week features an evening webinar and follow-up readings, videos, and activities. Students and their instructors connect through online forums and live chat. If you aren't able to attend the webinars in real-time, they are always recorded for later viewing. Courses include: Berry Production, Soil Health, Woodland Mushroom Cultivation and more. Check the listings at <http://www.nebeginningfarmers.org/online-courses/> for more information on a particular course and the instructors.

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.

Bird App Available

Audubon has released an updated version of the [Audubon Bird Guide app](#) 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: www.audubon.org/apps. The free app also provides a great new way to engage more people in becoming active participants in conservation action. [Find a toolkit](#) 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.

Connect Kids to Parks Transportation Grant Program

Grants are available to K-12 classrooms in Title 1 schools across the state to connect New York public school children with nature and New York State history by providing reimbursement grants to public schools for visits to a New York State park, nature center or historic site, Department of Environmental Conservation (DEC) Environmental Education Center or Fish Hatchery or the SUNY ESF Adirondack Ecological Center in Newcomb. Classes may participate in special guided programs at some sites, or self-guided tours. Grants will reimburse bus costs, tolls, the fee for bus entry into the facility and any programs fees, up to \$750. [info here](#)

Environmental / Natural Resources Career with the NYSDEC

Sign up for the Professional Career Opportunities (PCO) Civil Service Exam to be held **April 8, 2017**. Registration Deadline for the exam is **February 22, 2017**. State agencies will be using this exam to fill more than **100 different job titles**. There are several [DEC Select Job Titles](#) that will be filled from this exam listing. Applicants must have a bachelor's degree (college juniors and seniors can also apply). Register to take the exam at the [Department of Civil Service website](#).

Case Studies in Science Workshop

The Summer Case Studies in Science Workshop will be held May 22-26, 2017 on the campus of the University at Buffalo, State University of New York. Online registration is now open. The registration fee for the workshop is \$925.00. Online registration is open and will remain open until the workshop is filled (limit 35 people). <http://sciencecases.lib.buffalo.edu/cs/training/workshops/>

New Summer Camp at the SPCA

The SPCA is the perfect summer destination for campers looking for hands-on animal interactions and a daily look into the world of animal welfare and care. Sessions are offered for children ages 4-14 (currently in K-9th grade). Attendees will interact with animals and participate in activities led by animal experts. To learn more, contact Pamela at pamh@yoursPCA.org or [info and registration here](#).

WNY Science and Engineering Fair on April 1

The Western New York Regional Science and Engineering Fair (WNYRSEF), sponsored by WNY Science Congress, Inc., is open to students in grades 5 – 12 from five WNY counties (Erie, Niagara, Orleans, Genesee, and Wyoming). The **April 1** event will be held in Cheektowaga. Registration is open online until **March 3** at <http://wnysc.org/regional-fair/>. Judges are WNY scientists and engineers from many fields of science and model the opportunity for students to build careers right here in WNY.

Teachers: Help Shape Science Content on PBS

WGBH, America's premier producer of science content for public media, is on a five-year mission to develop media-rich digital learning resources that will increase students' engagement with science phenomena and practices in the classroom. **In collaboration with NASA**, WGBH's *The Bringing the Universe to America's Classrooms** initiative will distribute resources and professional development experiences that have the potential to impact millions of students and teachers nationally. Because teacher voices are a critical part of our design and production efforts, we developed a teacher advisor program. This is an opportunity for K-12 educators to become teacher advisors in the design and implementation of digital media tools for STEM classrooms. Produced by WGBH, these resources will feature WGBH and NASA content, and will be distributed free of charge through the [PBS LearningMedia](#)TM platform. We're looking for 50 teacher advisors across the grades to help us in Year 2 of this mission. If you will be a full-time educator in the 2017-18 school year and expect to teach Earth science topics of weather, land and water (K-5) or weather and climate and geoscience processes (6-12), we invite you to complete this [application](#). **Deadline is February 8, 2017.**

Teacher's Resources

[Edible Learning Lab](#)-curriculum allow kids (K-12) to manage the food production process from "Lab to Table".

[PLT Online Professional Development for GreenSchools](#)-6 learning hours of professional development for formal and informal educators.

[Green Schools Membership](#)- Free for Teachers, educators, students, and administrators. Access to lots of resources.

[Greening STEM](#) -infographics, toolkits, activity guides, and video resources contain free educational material in popular environmental topic areas that incorporate elements of STEM. Many of the activities and resources include project-based learning, service-learning, and citizen science components.

[Flipside Science](#) 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.

[Sustainability in Schools Simulation Game](#)- 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.

[Changing Circumstances: Looking at the Future of the Planet from Literacy through Photography](#) 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.

[Cool Science Jobs](#) 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.

[Keep Wild Animals Wild](#) 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.

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

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

[Living Schoolyard Month DIY Lake Science App](#)-Investigate freshwater ecosystems where you live with this new DIY Lake Science App from UC Berkeley's Lawrence Hall of Science, funded by the National Science Foundation.

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

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

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

[Raptors in the City](#) is a real-time, inquiry-based science program that stars the peregrine falcon. The peregrine has recovered from near extinction and was removed from the Endangered Species list in 1999. The program 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.

[Free ArcGIS for K-12](#) -Esri is providing free ArcGIS Online subscriptions for use for all K-12 schools. Resources to help schools get started with ArcGIS Online are available [here](#).

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

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

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

["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.

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

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

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

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

[Condor Country](#) simulates what zookeepers and field biologists do to help save North America's largest bird. Players will have eggs to hatch, chicks to release into the wild, and a flock of condors to monitor for real-life health threats, including lead poisoning.

Contests and Awards

[Bioenergize Infographic Challenge](#) engages 9th–12th-grade high school teams to research one of five cross-curricular bioenergy topics and design infographics to share what they have learned through various social media channels. The purpose of the Challenge is to enhance energy literacy and foundational knowledge about bioenergy, as well as help students understand how they can play an important role in shaping America's energy future. Deadline to register **February 3**, entries due by **March 3**.

[Through Young Eyes Photo Contest](#)- You can either show us the beautiful features of wildlife using your artistic skill or to depict how the youth is actively engaged in the conservation of these amazing species that people are sharing the ecosystem with." Anyone aged between 10 and 24, which is the age range defined by the United Nations as "youth", can participate in this competition. Registration Deadline: **February 13**.

[World of 7 Billion Video Contest](#)- Create a short video – up to 60 seconds – about human population growth that highlights one of the following global challenges: Climate Change, Ocean Health, or Rapid Urbanization. Deadline: **February 23, 2017**.

[Action for Nature 2017 Eco-Hero Awards](#)-Scholarship opportunity! Our program recognizes the inspiring accomplishments of individual youth (ages 8-16) whose personal actions and initiatives have significantly impacted the environment. Deadline: **February 28**.

[Presidential Innovation Award for Environmental Educators](#) recognizes outstanding K-12 teachers who use innovative approaches to environmental education and use the environment as a context for learning. Award winners receive up to \$2,500 to continue their professional development in environmental education. Additionally, the teacher's local education agency will receive up to \$2,500 to fund environmental educational activities and programs. Deadline: **March 1, 2017**.

[President's Environmental Youth Award](#) (PEYA) recognizes K-12 students and their efforts to protect the environment. The award promotes awareness of our nation's natural resources and encourages positive community involvement. Deadline: **March 1, 2017**.

[NOAA's Science on a Sphere Contest](#) invites K-12 and college students to design content. We invite you to create new maps, visualizations, and stories that help share NOAA's mission in creative and innovative ways. Winners will receive a \$250 gift certificate to be used on educational products, a certificate from NOAA, and have their work featured at the 2017 SOS Users Collaborative Network workshop as well as in our online catalog of content that is available to our worldwide user community. Deadline: **March 17, 2017**.

[Sustainability Challenge Scholarship](#)- Applicant(s) are required to submit a proposal that presents an innovative sustainability initiative for the management of solid waste. The proposal should contain a description of the initiative, a feasibility analysis, an implementation plan for integrating the initiative into their community (college, dorm, town, county, etc.), and applicable references to support the information presented in the proposal. Deadline: **April 1, 2017**.

[Earth Day Poster Contest](#) for K-5 grades. Design a poster about your favorite way to keep the Earth a sparkling place to live, and you could be a winner! Deadline: **April 1, 2017**.

[Green Difference Awards](#)-Green Schools honors and recognizes Outstanding National Environmental Education & STEM Education efforts led in our Schools & Communities at our Annual Green Difference Awards. Green Difference Makers can be: Principals, Teachers, Advisors, Citizens, Schools, Students, or School Groups/Clubs. Nominations due by **April 7**.

[SPCA Poster and Creative Writing Contest](#) for students grades one through eight: Celebrating 150 Years of Compassion, in celebration of the SPCA's 150th anniversary as the second-oldest humane society in the country. School, home school, and faith-based school students in Erie County are encouraged to participate. New this year is a category for special education students, and offered along with the student categories is a Humane Educator of the Year distinction. Students can win cash prizes and awards at a special ceremony scheduled for Wednesday, June 14, 2017. Deadline: **April 21**.

[2017 Ocean Awareness Student Contest](#) is for middle and high school students. The theme of the 2017 Contest is Ocean Pollution: Challenges & Solutions. Students can earn awards of up to \$1,500 for themselves and their schools. Deadline: **June 19, 2017**.

[2017 Marine Debris Creative Advocacy Competition](#)-Students are challenged to implement a real-world project in their school or community that uses the creative arts to educate others and inspire action that reduces or prevents marine debris. Students can participate as groups or individuals, and they can earn awards of up to \$5,000! Deadline: **June 19, 2017**.

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.

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

[EPA's People, Prosperity and the Planet Program](#) - unique college competition for designing solutions for a sustainable future. P3 offers students quality hands-on experience that brings their classroom learning to life. For the first phase of the competition, interdisciplinary student teams submit proposals to compete for a \$15,000 grant for project ideas addressing environmental solutions for a sustainable future. Winners showcase their research in April at the National Sustainable Design Expo as part of the competition for an additional grant of up to \$75,000 to apply their design to a real world application. Deadline: **February 3**

[HHS Impacts of Climate Change on Oceans and Great Lakes Program](#) - The U.S. Department of Health and Human Services (HHS) announced funding for multi-component projects that will investigate the impact of climate change on emerging public health threats associated with marine and Great Lakes Basin environments. The focus of the funding opportunity is to support research on the exposures, toxicities, and human health impacts that arise in these environments and how climate change is influencing these factors now and in the future. Eligible Entities: State, local, and tribal governments. Letter of Intent Due: **February 7, 2017**

[EPA Anticipating the Environmental Impacts and Behavioral Drivers of Deep Decarbonization Program](#) -

Applicants should address research areas such as life-cycle impacts of the decarbonization of electricity generation, the electrification of end uses, the adoption of low-carbon emitting, renewable fuels, and the adoption of energy efficiency measures. Deadline: **February 10, 2017**.

[DOE Scaling Up the Next Generation of Building Efficiency Packages Program](#) -

to drive innovation in real building technology demonstrations while also fostering the collaboration of dynamic demonstration teams that include technology providers, energy organizations (states, local governments, or regional energy efficiency organizations), efficient building hubs (such as innovation or incubator hubs), utilities, and building energy professionals. Eligible Entities: State, local, and tribal governments. Applications Due: **February 10, 2017**.

[2018 Knauss Marine Policy Fellowship](#)-

Applications are being accepted for the 2017 Knauss Marine Policy Fellowship Program from eligible students who have an interest in ocean, coastal and Great Lakes resources and in the national policy decisions affecting those resources. Location: Washington, D.C. Apply by: **February 10, 2017**

[2017 New York State Wetlands Forum Research Grant](#) -

Applicants must be currently enrolled, and enrolled for the spring 2017 semester, as either a matriculated graduate student or junior or senior at a recognized four-year accredited college or university. The candidate must have at least cumulative 3.0 grade point average. Provide an original article describing your wetland related research. This article must be between 500 and 1,000 words, and should explain the nature, methodology and purpose of the research, as well as how the research pertains to wetland issues relevant to New York State. \$500 award. Deadline: **February 15**.

[2017 Canal-Related Event & Festival Sponsorship](#)-

Are you planning a canal-related festival in 2017? How about a canal bicentennial event? For the fourth year, Erie Canalway has teamed up with the NYS Canal Corporation to offer sponsorships of up to \$500 for events or festivals taking place in the National Heritage Corridor from May through November 2017. Qualifying events must promote or celebrate the distinctive historic, cultural, scenic, or recreational resources of the canal corridor. Eligible applicants include municipalities or nonprofit 501(c)(3) organizations. Proposals that significantly acknowledge the canal's 200th anniversary will be given priority consideration. Deadline: **February 17, 2017**

[2017-2018 Great Lakes Commission Sea Grant Fellowship](#)-

The selected Fellow will work with members of the Great Lakes' science, policy, communication and education communities to advance the environmental quality and sustainable development goals of the Great Lakes states. The Fellow will contribute to and benefit from research coordination and policy analysis activities. The Fellow will be located at the Great Lakes Commission offices in Ann Arbor, Michigan. Apply by: **February 17, 2017**.

[Sustain Our Great Lakes](#),

a public-private partnership consisting of federal agencies and environmental organizations, has announced that up to \$7.8 million in grants is available for stream habitat improvements, coastal wetland habitat improvements, and green infrastructure projects in the Great Lakes basin. Deadline: **February 21**.

[FTA Zero Emission Research Opportunity \(ZERO\) Program](#) -

Eligible applicants and recipients are limited to nonprofit organizations leading a consortium of entities, including state and local governments and at least one provider of public transportation. The Federal Transit Authority (FTA) is making available funding to facilitate the advancement, production, and deployment of zero-emission public transportation vehicle technology and related infrastructure. Examples include improving charging standards for battery-electric transit vehicles, improved passenger compartment heating systems, and expanding hydrogen infrastructure. Hybrid technology is considered zero emission technology for the purposes of this program if it can be shown to advance the pathway to improved vehicle electrification. Applications Due: **February 21, 2017**.

[Environmental Workforce Development and Job Training](#)

programs that recruit, train, and place local, unemployed and under-employed residents with the skills needed to secure full-time employment in the environmental field. While Environmental Workforce Development and Job Training Grants require training in brownfield assessment and/or cleanup, these grants also require that Hazardous Waste Operations and Emergency Response (HAZWOPER) training be provided to all individuals being trained. EPA encourages applicants to develop their curricula based on local labor market assessments and employers' hiring needs, while also delivering comprehensive training that results in graduates securing multiple certifications." Deadline: **February 24, 2017**.

[NY Sea Grant Inviting Research Pre-Proposals](#) for its 2018-2019 Biennial Research Call. The main goal of New York Sea Grant's research program is to generate and provide valid scientific information to further the sustainable development, use, protection, conservation, and management of coastal resources. Pre-proposals Deadline: **February 27, 2017**.

[EPA Environmental Justice Small Grants Program](#) provides financial assistance to community-based organizations, and local and tribal governments working on projects to address environmental and public health concerns. EPA awards grants that support activities designed to empower and educate affected communities and to identify ways to address environmental and public health concerns at the local level. Approximately 40 one-year projects will be awarded at up to \$30,000 each nationwide. All applicants are required to register and prequalify in the Grants Gateway before applying for a Community Impact Grant. Deadline: **February 28** (extended from January).

[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**.

[\\$10,000 \(Major\) Environmental Career Scholarship Application](#)-for high school senior, NYS resident who is enrolled full-time in a B.S. or B.E. degree program with environmental emphasis. Deadline: **February 28, 2017**.

[\\$5,000 \(Major\) Nicholas J. Bartilucci Environmental Scholarship](#)- for qualifying high school senior, NYS resident who is enrolled full-time in a B.S. or B.E. degree program with emphasis on public service. Deadline is **February 28, 2017**.

[DEC Urban Forestry Grants](#) will enhance landscapes and provide green spaces in urban areas across New York. Grants are available to municipalities, public benefit corporations, public authorities, school districts, soil and water conservation districts, community colleges, not-for-profit organizations, and Indian nations or tribes. Awards range from \$11,000 to \$75,000, depending on municipal population. Tree inventories and community forestry management plans have no match. Tree planting and maintenance projects have a 25% match. Deadline: **March 1, 2017**.

[DOS Brownfield Opportunity Area Planning Grants](#) – municipalities, community based organizations and community boards can apply for \$2 million in planning grants through the NYS Department of State's (DOS) Brownfield Opportunity Area (BOA) program. These planning grants will assist communities that are currently in the BOA program in completing their revitalization strategies for economically distressed areas. Deadline: **March 1**.

[2017 CCE Erie County Master Gardener Scholarship](#)-for a Class of 2017 graduating senior residing in and attending an Erie County high school. Student must be accepted by an accredited NYS college to study horticulture, botany or a related field. A person may receive the scholarship only once. Deadline: **March 1, 2017**.

[2017 AIA Buffalo/WNY Scholarship](#) is open to College/University students who meet academic requirements and are enrolled in a NAAB-accredited architecture program, or enrolled in program that has received NAAB 'Candidacy' status. Applicants must be from the AIA Buffalo/Western New York Chapter which is comprised of Erie, Niagara, Chautauqua, Cattaraugus, Orleans, Genesee, and Wyoming Counties. The AIA Buffalo/WNY Chapter with the Buffalo Architecture Foundation will dispense up to \$3,000 in scholarship funding for the Academic Year. Amounts awarded will depend on quantity and quality of applicants and will be applied to the Academic Year. Deadline: **March 1, 2017**.

[Air & Waste Management Association 2017 Earth Day Grants](#)- The program promotes environmental awareness through creative and impactful educational activities and community engagement efforts. The grant is open to educational institutions and community organizations in the New York State counties of Allegany, Cattaraugus, Chautauqua, Erie, Niagara, and Wyoming. This is intentionally broad! We hope to fund great ideas that seek to dramatically improve environmental awareness in the WNY community. Deadline: **March 3, 2017**.

[Ryan Exline Memorial Scholarship](#)-Each year in early May, Audubon Community Nature Center education staff are joined by guests and together they raise money through a day long Birdathon. The \$500 scholarship raised through Birdathon is awarded to an area college-bound high school senior or college student who intends to pursue a Bachelor's degree in an environmental or related field. Ryan Exline was an integral part of the Audubon family for many years. He assisted with gardening, eagle care, live animal care, and educational programs. He was pursuing a master's degree at Duke University when he died in a car accident. He is deeply missed. ACNC honors him by naming this scholarship for him. Deadline: **March 15**.

[Invasive Species Rapid Response and Control Grant Program](#) for municipalities, not-for-profits, and educational institutions across the state. The program will support projects that target both aquatic and terrestrial invasive species throughout New York. The New York State Environmental Protection Fund is providing the \$2 million in funding for eligible projects. Grants range from a minimum of \$11,000 to \$100,000, with a required 50 percent match. The deadline for grant applications is March 24, 2017. For a full list of eligible and ineligible projects, please view the Request for Application in the [Grants Gateway](#). Deadline: **March 24**.

[Preserve New York and Technical Assistance Grants](#)-Applications are now available to eligible municipalities and not-for-profit organizations to compete for 2017 Preserve New York and Technical Assistance Grants (TAG), signature grant programs of the New York State Council on the Arts (NYSCA) and Preservation League of New York State. Grants of up to \$3,000 are available, with a required \$500 match from each applicant. Deadline: **March 27, 2017**

[Farmer Market Promotion Program](#) provides funds for direct farmer-to-consumer marketing projects such as farmers markets, community-supported agriculture programs, roadside stands, and agritourism. The LFPP supports projects focused on intermediary supply chain activities for local food businesses. LFPP was established in the 2014 Farm Bill to increase funding for marketing activities such as aggregation, processing, storage, and distribution of local foods. The FSMIP provides about \$1 million in matching funds to state departments of agriculture, state colleges and universities, and other appropriate state agencies. Funds will support research projects to address challenges and opportunities in marketing, transporting, and distributing U.S. agricultural products domestically and internationally. Agricultural Marketing Service will host a webinar for potential FMPP and LFPP grant applicants on Wednesday, February 15, 2017, at 2:30 p.m., and a teleconference for potential FSMIP grant applicants on Thursday, February 16, 2017, at 2:30 p.m. The website also contains a link to a grants decision tree, "[What AMS Grant is Right for ME?](#)", to help applicants determine which AMS grant fits their project best. Deadline: **March 27, 2017**.

[Green School Recycling Grant](#)-The NYS Association for Reduction, Reuse & Recycling (NYSAR3) grant program for public and private K-12 schools provides seed, or start-up money for implementation of recycling and waste reduction programs. The goal of this grant program is to provide up to \$500 per school to rejuvenate existing programs, or to develop new programs centered around the 3 R's (reduce, reuse, recycle). Awards are given twice yearly; this is a competitive grant so imagination, ingenuity and initiative are valued. ELIGIBILITY If you have previously received a \$500 grant from NYSAR3 , you are currently ineligible. All public and private K - 12 schools in New York State are eligible to apply for funding. Deadline: **April 7, 2017**.

[Commercial Implementation Assistance Program](#)- Facilities can apply to NYSERDA's program for financial support of up to 50 percent to complete targeted energy efficiency projects. Targeted energy efficiency projects covered by NYSERDA's program include advanced lighting projects, deep energy retrofit projects, advanced monitoring and control systems, oil space heating efficiency upgrades, and advanced technologies that are submitted with a utility referral requesting that NYSERDA consider funding the measure(s). Deadline: **June 30**.

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

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

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

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

[VolunTEEN Nation International Service Project Grants](#)- Students (ages 13-22) from the US going abroad to volunteer or study in a developing country are encouraged to apply for an international service-learning mini-grant 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.**

[Everyday Young Hero Award](#)-Everyday Young Heroes are young people, ages 5-25, who are improving their communities through service to others and making significant progress in achieving the UN's Sustainable Development Goals (SDGs). Each week, YSA selects one young person to receive this honor and receive \$250 grants to continue and expand their project. **Deadline: Rolling**

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

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

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

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

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

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

[Niagara Falls National Heritage Area](#) supports important projects and programs throughout the National Heritage Area with the long term goal of realizing community betterment. Grants are targeted to fund projects or programs that directly relate to the [Niagara Falls National Heritage Area Management Plan](#).

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

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

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

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

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

Employment and Internship Opportunities

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

[Buffalo First Paid Intern](#)-Buffalo First is looking for a 10 hour a week, paid intern to help market the organization by getting locally-owned businesses to sign up as members and take advantage of a newly created sustainable business guide and other associated benefits.

[Clean Air Coalition Internships](#)-The Clean Air Coalition is a grassroots environmental health and justice organization based in Buffalo, New York. It works to build power by developing grassroots leaders who run and win campaigns that advance environmental justice and public health in the region. All internships include some operations and administrative work. The Clean Air Coalition's internships are ideal for highly motivated individuals looking to deepen and practice their skills engaging community leaders in solving environmental health and justice organizations.

[Service Collaborative of Western New York Vista Positions](#)-Opportunities for paid community involvement. Check out the available opportunities and eligibility. Some positions begin in March, so apply now.

[Buffalo Zoo Ambassador Animal Care Specialists](#) - The Buffalo Zoo is seeking outgoing, enthusiastic and experienced individuals to work in a team atmosphere caring for and training the Education Department's collection of ambassador animals. Housed in the Education Department and in the Delta Sonic Heritage Farm, these animals are central to directly educating Zoo patrons about wildlife and domestic animals. The positions also require the individuals to help develop and conduct seasonal programming/shows. One fulltime and one part-time position. Deadline: **February 6.**

[Sustainability Engagement Coordinator](#)-University at Buffalo, full-time. The Sustainability Engagement Coordinator will support UB's sustainability initiatives through collaboration, leadership and partnering throughout the campus community. The position will specifically work to connect students, staff and faculty across the university with information, innovation, and tools to reduce UB's footprint on the future and enhance quality of life by improving environmental stewardship, increasing economic efficiency and augmenting cultural values and awareness. Deadline: **ASAP.**

Giant hogweed Control Staff will survey for and control giant hogweed at sites throughout central and western NY on private and public lands. The positions entail educating the public about giant hogweed, contacting landowners, controlling giant hogweed using herbicide or root-cutting control methods, collecting site information and creating GIS polygons. It is a very rewarding but physically challenging position. Four one-person crews will use a manual root-cutting control method and six two-person crews will use herbicide and manual control methods. Crews will be located in Avon, Buffalo and Syracuse. Applicants should supply a letter of intent, resume, and contact information for three professional references. Send application or seek info from naja.kraus@dec.ny.gov Deadline: **February 21.**

[PUSH Buffalo Paid Training](#)-City of Buffalo residents who are interested in environmental work. The training is going to be held August through September 2017 for 21 days. This is *paid* training in green infrastructure, restoration, ecology, native plants, etc. No requirements nor prior experience is necessary! Must be 18 to apply. Deadline: **February 28**.

[Summer Nature Education Internship](#)-Jamestown Audubon Center. The Nature Center's internship program is funded in part by the Ruth Lundin Environmental Internship Endowment created by the Lenna and Johnson foundations and managed by the Chautauqua Region Community Foundation. Mid-may through August. Deadline: **March 1**.

[NY State Parks Boat Stewards](#)-Summer seasonal appointment (May-September). Full time (40 hours/week). Work hours are Thursday - Sunday, 10 hours/day. Weekends and holidays are mandatory. Mandatory multi-day training will be held in late May. 20 positions available. Deadline: **March 1**.

[Education and Outreach Assistant and Invasive Species Management Assistants](#)-WNY Partnership for Regional Invasive Species Management (PRISM) is accepting applications. Deadline: **Friday, March 10**.

[FoodCorps Service Member](#)-is a nationwide team of leaders that connects kids to real food and helps them grow up healthy. We do that by placing motivated leaders in limited-resource communities for a year of public service. Serving under the direction of local partner organizations, our service members focus on three areas of service: • Hands-on learning: students grow, cook, and taste new foods, which builds their skills and changes food preferences • Healthy school meals: the cafeteria experience steers students towards the healthiest options and gets them excited to try new healthy foods • Schoolwide culture of health: as a whole, the school community and environment – from hallways to classrooms to cafeteria to grounds – celebrates healthy food.. New York City locations available. Deadline: **March 15**.

[Field Crew with Farm](#)- Fulltime (part time available too) seasonal from April through Thanksgiving. Native Offerings Farm CSA provides 500 members with a 10 month mixed certified organic vegetable share and a seasonal locally grown fruit share. This is our 20th season for our CSA! The primary responsibility for the field crew is to be quick and effective cultivators and harvesters. The field crew duties include but are not limited to: greenhouse work (seeding, thinning, transplanting), field work (cultivating, mowing, insect and disease scouting and management, harvesting) and processing work (washing, packing and labeling produce)

[Farm Crew, Apprentices and Greenhouse Production Head](#)-Applications accepted for Root Down Farm CSA in Clarence, NY. Multiple positions open. See link for details on each position.

[Senior Planner with Steinmetz Planning Group](#)-SPG is looking for a creative and motivated planner to begin work immediately with the SPG on a variety of projects, operating mainly out of our Rochester office. SPG offers a dynamic and flexible work environment with opportunity for leadership and growth.

[Assistant Planner with Steinmetz Planning Group](#)-SPG is looking for a creative and motivated planner for part-time work immediately with the SPG on a variety of projects, operating mainly out of our Rochester office. SPG offers a dynamic and flexible work environment with opportunity for leadership and growth.

Citizen Science

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

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 Tiff Nature Preserve (716) 896-5200 ext. 202 dspiering@sciencebuff.org.

Upcoming Community Activities:

Wednesday, February 1

GBNRTC-PCC Meeting-9:30AM at Buffalo City Hall, Room 901. Public invited to discuss transportation issues. Monthly meeting locations rotate, so you can confirm at 856-2026.

Using Social Media on your Farm-Cornell Cooperative Extension of Chautauqua County workshop from 6 to 8 p.m. at the Frank W. Bratt Agricultural Center, 3542 Turner RoRad, Jamestown. **Pre-registration is required at least three days prior to the workshop** you are hoping to attend in order to give staff adequate time to prepare workshop materials. Registration is available [online](#). The cost to attend is \$5 per family.

Business & Brews: Sustainable Business Roundtable-5:30 to 7pm at Big Ditch Brewery, 55 E. Huron St., Buffalo. [RSVP](#), space limited.

Buffalo Talks: Bak USA –Guest Speaker: Christian Bak, Co-founder and Chief Technology Officer. Bak USA is a mobile computer company headquartered in downtown Buffalo. A social enterprise dedicated to American standards of manufacturing, Bak USA builds laptops and tablets with the intention to make technology accessible to every human being on earth. Bak USA is dedicated to providing quality jobs and career advancement in manufacturing and establishing a new standard for the production of state-of-the-art technology in the US. <http://www.workingfordowntown.org/events/buffalo-talks-bak-usa-february-1-2017/> Noon at Central Library. Free and open to all, but please reserve a seat.

Thursday, February 2

After-School Escape- 4:30 to 5:30 p.m. Together, kids and their parents or caregivers can enjoy a different, fun, hour-long outdoor activity each week. For children in grades K through 5. No registration required. Reinstein Woods Nature Preserve, Depew.

Certified Nursery and Landscape Professionals Workshop-Two day conference, February 2 and 3 at Salvatore's Italian Gardens sponsored by PLANT WNY Foundation, The Professional Landscape & Nursery Trades We are pleased to announce our keynote speaker - Andrew Keys. Andrew is an artist, writer, trained organic land care professional and lifelong gardener. He is author of Why Grow That When You Can Grow This?: 255 Extraordinary Alternatives to Everyday Problem Plants and Growing the Northeast Garden. He has also produced podcasts for Fine Gardening and Horticulture magazines. For registration info, visit www.plantwny.com.

Environmental Justice Taskforce Meeting- 6pm, Crane Library, 633 Elmwood Ave, Buffalo NY. Diana Strablow will update us on the Northern Access Pipeline, Charley Bowman will update us on the bomb train issue and Movie: "Methane: New York's Dirty Addiction to Shale Gas" - we will show sections of the Q&A section of this must-see-must-know-by-heart movie. All are welcome.

Curtiss Hotel Hard Hat Tour-Join Preservation Buffalo Niagara for their first Hard Hat tour of 2017 at 6 pm! The Harlow C. Curtiss Building, listed on the National Register of Historic Places, is undergoing a transformation into a 68-room hotel with sustainable features and amenities, including a roof top patio. Using high-end finishes that enhance incredible architectural features including the unique terra cotta facade, this building will find new life as one of Buffalo's newest boutique hotels. This project is being developed by Mark Croce and is expected to be finished in Spring 2017. Make sure to [register today](#) to get a behind-the-scenes look at one of Buffalo's most anticipated adaptive reuse projects before it opens! Space is limited.

“Molecular Engineering of Anion Exchange Membranes for Clean Energy Technology”-11:00 a.m.at Furnas 206, North Campus, University at Buffalo. Presented by Dr. Chulsung Bae Associate Professor, Department of Chemistry, Rensselaer Polytechnic Institute. Sponsored by Research and Education in eNergy, Environment and Water (RENEW).

Budget Delegate Orientation - Volunteer to Be a Budget Delegate! All 6 of the General Assemblies for the Niagara District's Participatory Budgeting Process were successful and we are excited to launch into the next phase! Have a project you really want to make sure gets accomplished in the district? Really interested in the process and ensuring its success? Budget Delegates are responsible for turning project ideas into project proposals that end up on the PB ballot through research, meetings with agencies and organizations, and more. Fill out an application by following the link and bring it with you. 6PM at Niagara Branch Library, 280 Porter Avenue. Buffalo, NY 14201. [Learn more!](#)

Orchard Park Garden Club- 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 installation of officers.

Friday, February 3

Certified Nursery and Landscape Professionals Workshop-Two day conference, February 2 and 3 at Salvatore's Italian Gardens sponsored by PLANT WNY Foundation, The Professional Landscape & Nursery Trades We are pleased to announce our keynote speaker - Andrew Keys. Andrew is an artist, writer, trained organic land care professional and lifelong gardener. He is author of Why Grow That When You Can Grow This?: 255 Extraordinary Alternatives to Everyday Problem Plants and Growing the Northeast Garden. He has also produced podcasts for Fine Gardening and Horticulture magazines. For registration info, visit www.plantwny.com

Finding and Mining Diamonds-Buffalo Geological Society Meeting at 7:30pm at Parkside Lutheran Church, Depew and Wallace Streets in Buffalo. Professor Dan Schulze who is a Professor at the University of Toronto studied at SUNY Brockport, Queen's University and the University of Texas. His research on kimberlites, diamonds and other materials from the upper mantle has taken him to exotic locales such as South Africa, Venezuela, the Aleutian Islands, the Canadian Arctic and Ithaca, NY.

"Sustainable Water and Health: Meeting Water Reuse and Resource Challenges through Characterization, Treatment, and Toxicological Assessment"-12:00 p.m. at 144 Farber, South Campus, University at Buffalo. James Rosenblum, University of Colorado. A Research and Education in Energy, Environment and Water (RENEW) and the Department of Epidemiology and Environmental Health Seminar.

Community Land Trust Fundraiser-The Community First Alliance is hosting a fundraiser to help establish the first Community Land Trust in the city of Buffalo. A land trust will preserve affordability, empower residents as decision makers, and combat gentrification. The event will be held at the Moot Center (292 High Street) from 6-8pm.

Saturday, February 4

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

Horticulture Classes at The Buffalo and Erie County Botanical Gardens- 11 a.m. – 1 p.m. five Saturdays at the Botanical Gardens, 2655 South Park Ave., Buffalo. The classes will be taught by horticulturist David Clark, who is becoming one of the country's noted garden speakers. These classes are great for beginners or gardeners and landscapers wishing to brush up on their skills. Cost for Botanical Gardens members for a full series of five classes is \$100 (\$120 nonmembers) and the cost for individual classes is \$22 (\$27 nonmembers). [register](#) Topic of the day-All about Roses.

Learn to Cross-Country Ski-10am. Learn the basics of cross-country skiing before going on a short guided ski tour. Ski rental \$8; \$5 for Friends of Reinstein Woods members. Registration required; call 716-683-5959. Reinstein Woods Nature Preserve.

Hemlock Woolly Adelgid Survey at North Harmony Forest- 9:30am. Please join us as we survey North Harmony State Forest located outside of the village of Panama. We will meet on site at the Fred J. Cusimano Westside Overland Trail trailhead located on Route 474 at 9:30am to give instruction and hike to the hemlock stand along the overland and snowmobiling trails. In addition, an educational outreach event is in the works for this particular survey. Details will be coming soon so please visit this page again for updates! For more information and directions to North Harmony State Forest please visit <http://www.dec.ny.gov/lands/8268.html>

Niagara's Ice Bridges-10am to 11:30am at [DeVeaux Woods State Park](#). This is the time of year when ice forms in the Niagara River. Join us for a presentation about this ice bridge that we see most winters, yet attracted people to experience it much differently in years gone by! **To register, call (716) 282-5154.**

Snowshoeing Adventure-10am to noon at Evangola State Park. Get out of your house and come explore nature's outdoor wonders! Learn about the history of the snowshoe, and then join us on a hike as we look for signs that animals have left behind, and the dens they depend on during our cold winter months. Snowshoes will be provided. **To register, call (716) 549-1050.**

"So You Want to Start a Farm"- Cornell Cooperative Extension of Chautauqua County workshop from 10 a.m. to 12 p.m. at the Frank W. Bratt Agricultural Center, 3542 Turner Road, Jamestown. This workshop is for participants who have ever dreamed of having their own farming operation. Topics covered will be broad and include enterprise selection, insurance, marketing and resources for future exploration of owning your own farm business. The instructor for this workshop will be Katelyn Walley-Stoll, farm business management educator with Cornell Cooperative Extension of Chautauqua County. She is a graduate of Cornell University with a degree in animal science and ag business management and owns and operates a diversified livestock farm. The cost to attend is \$5 per family. **Pre-registration is required at least three days prior to the workshop.** Registration is available [online](#).

Superb Owl Saturday!- 3pm – 5pm at Beaver Meadow Audubon Center ([map](#)). Help pick the 2017 Superb Owl Champion during our celebration of Owls at Beaver Meadow! Discover more about Owls by collecting Super Owl Trading Cards, dissecting owl pellets, creating owl crafts, owl origami, and meeting live owls! We'll end the day with a Superb Owl Prowl from 6-8 PM. Pizza will be available for sale for those who stay for both programs. Participants will receive 20% off any owl related item in the gift shop. Pre-registration is required. Please call 585-457-3228 to register. \$5 for activities. \$5 for Owl Prowl.

Roses Workshop -Free at Urban Roots, 2pm with David Clark. You will need to register for classes as space is limited. Please email us at <http://info@urbanroots.org> or call the store @ 716-362-8982 to register.

Art and Conservation -10:30-11:30am. Explore how visual art and conservation can benefit one another in this talk by Federal Duck Stamp artist Jennifer Miller. Jennifer will describe her experiences with the Federal Duck Stamp and share her passion for reaching out with her work to inspire the public to care about the natural world. This event will be held at The Portville Free Library, 1 North Main Street, Portville, New York 14770. Fee: Free for members, \$5 for non-members and free for children 13 and under. Minors must be accompanied by an adult. **Register by 4 PM, Thursday, February 2nd, 2017.** Sign up on the programs Calendar on our website at www.pfeiffernaturecenter.org or contact the office at 716-933-0187. Pfeiffer Nature Center is supported by United Way funding. Pfeiffer Nature Center where science, art & nature come together.

Poop & Pawprints-2:00pm - 03:30pm at Tiff Nature Preserve. Warning - watch your step! Whose track and scat is that?! Investigate the signs that wild animals leave behind with an indoor hands-on activity workshop and outdoor guided tour in search of real animal clues. Ages: 5+, Cost: \$6 non-members, *BMS Members save 10%*! Showshoe rentals additional \$2 per person, weather permitting. [register](#)

Permaculture of Greater Buffalo-Noon to 2pm. Introductory presentation on permaculture in Ashker's Juice Bar & Cafe, 1002 Elmwood Ave., Buffalo. Space is limited, so RSVP at <https://www.meetup.com/Permaculture-of-Greater-Buffalo/>.

Sunday, February 5

Cross Country Ski Tour at Knox Farm State Park- 1pm – 3pm at Knox Farm State Park, 437 Buffalo Rd, East Aurora, NY 14052, USA ([map](#)). Join us for a serene guided cross-country ski tour of the park. Bring your own skis and join us! This is a snow dependent program. Pre-registration required by Saturday, February 4th. Please call 585-457-3228 to register. Space is limited. Donations. Meet at the Knox Farm Visitor Center parking lot located on Buffalo Road.

Monday, February 6

Bowmansville Garden Club- 7 p.m. at the Bowmansville Fire Hall, 36 Main St., Bowmansville. They will hold a panel discussion on flower show planning presented by members Gail McGee, former FCGNYS president and flower show judge; Adrienne Pasquariello, former club president and former Eighth District director, and Kathy Kwiatkowski, former club vice president and Eighth District Ways and Means Committee chair. New members and guests are welcome. Contact samaue@roadrunner.com for more information.

Great Lakes Seminar Series-4:00 - 5:15 p.m. in Bulger Communication Center 2E at Buffalo State College. All are welcome. Speaker is Mike Fox, "*Fish life history evolution*".

“Emerging Materials and Nanomanufacturing for Energy, Sustainability, and Critical Technology”- 11:00 a.m. at Furnas 206, North Campus, University at Buffalo. Presented by Dr. Shenqiang Ren Associate Professor, Department of Mechanical Engineering, Temple University. Sponsored by Research and Education in eEnergy, Environment and Water (RENEW) Seminar.

Tuesday, February 7

Managing Food Plots and Woodlots for Wildlife-Cornell Cooperative Extension of Chautauqua County workshop from 6 to 8 p.m. at the Frank W. Bratt Agricultural Center, 3542 Turner Road, Jamestown. This workshop will discuss food plots and managing woodlots for wildlife. Learn the basics of food plots, crop selection, soil testing, plot preparation and tips and tricks to improve your success rate and well as proper management to ensure the long-term success of your woodlot. Cost to attend is \$5 per family.

Pre-registration is required at least three days prior to the workshop you are hoping to attend in order to give staff adequate time to prepare workshop materials. Registration is available [online](#). For more info, contact Katelyn Walley-Stoll at 716-664-9502, ext. 202.

Center for the Study of Art, Architecture, History, & Nature (C-SAAHN) Lecture Series-Noon to 1pm at Downtown Buffalo & Erie County Public Library, Ring of Knowledge area (past Fable’s Café). Free and open to the public. For speaker and topic, visit <http://buffaloah.com/h/center/lib/17lec.html>

Public Hearing on Northern Access Pipeline - http://www.dec.ny.gov/enb/20170125_not9.html Come hear about the gas pipeline and infrastructure that will carry fracked gas from PA to Canada and express your concerns. 6pm at St. Bonaventure University, Doyle Hall, 3261 W. State Road, Bonaventure, NY 14778.

Wednesday, February 8

Meeting: Iroquois National Wildlife Refuge Land Management Update-Buffalo Museum of Science ([map](#)) at 7PM: Buffalo Ornithological Society Meeting in the Cummings Room of the Buffalo Museum of Science. Madeline Prush, the Biological Science Technician for Iroquois National Wildlife Refuge, will present a general refuge update on how the land is managed.

Lancaster Garden Club Meeting-7 p.m. in St. John’s Lutheran Hall, 55 Pleasant Ave., Lancaster. The program will be “Be My Valentine.” A hands-on floral workshop will be presented by Dorothy Julius. There is a fee and reservations are necessary. Contact mstyflwr@aol.com for more information.

Youngstown Garden Club Meeting- 7 p.m. at the First Presbyterian Church, 100 Church St., Youngstown. M. Jacquie Ladico will speak on “Flowers of Portugal.” The meeting is open to the public.

Behind-the-Scenes Collections Tour (Adults Only): The Byron Dig-6:30pm - 08:30pm. Did you know the Buffalo Science Museum houses over 700,000 specimens in our collection, or that a significant part of the collection pertains to the Greater Niagara Region? Get behind-the-scenes to see what few have seen and explore our research, special, and teaching collections in themed tours taking place throughout the month. The Byron Dig: Mastodons in our Backyard Seymour isn't the only Mastodon at the Buffalo Museum of Science! Learn more about the Museum's Mastodons excavated from the local Genesee County dig site and take a look at the specimens that teach us about life on the Niagara Frontier over 10,000 years ago. Ages: adults 18+, Cost: \$25 non-members, \$15 BMS members, Registration deadline: one week in advance [register](#)

Web of Life Homeschool Series at Tifft Nature Preserve- 12:30pm - 02:30pm on multiple dates as a series, February 8, 15, March 1 & 8. It's not just about spiders you know. Every living thing and many non-living things influence what goes on in the world. We'll check out this web of relationships through hands-on activities, experiments, and guided trail hikes. Pre-registration and pre-payment required; grades 2-5. Registration deadline **February 6**. \$100 Non-Members, \$80 BMS Members. [register](#)

Public Hearing on Northern Access Pipeline - http://www.dec.ny.gov/enb/20170125_not9.html Come hear about the gas pipeline and infrastructure that will carry fracked gas from PA to Canada and express your concerns. 6pm at Iroquois High School, 2111 Girdle Road, Elma, NY 14059.

Hamburg Garden Club-Membership tea at noon Wednesday, Feb. 8 at the Hamburg Community Center, 107 Prospect Ave., Hamburg. A light lunch will be served. A speaker from the Buffalo and Erie County Botanical Gardens will discuss how to attract beneficial insects to our gardens. Guest reservations are required. For information or a reservation call L Butler at 870-4919.

Thursday, February 9

After-School Escape- 4:30 to 5:30 p.m. Together, kids and their parents or caregivers can enjoy a different, fun, hour-long outdoor activity each week. For children in grades K through 5. No registration required. Reinstein Woods Nature Preserve, Depew.

Pasture Management and Grazing Workshop- Cornell Cooperative Ext. of Chautauqua County workshop from 6 to 8 p.m. at the Frank W. Bratt Agricultural Center, 3542 Turner Road, Jamestown. Workshop participants will have the opportunity to learn about improving pastures through grazing management, renovating pastures to improve quality and quantity of forage, sizing pasture for different livestock species, fencing options and providing water in pastures. The cost to attend is \$5 per family. **Pre-registration is required at least three days prior** to the workshop you are hoping to attend in order to give staff adequate time to prepare workshop materials. Registration is available [online](#). For more information, contact Katelyn Walley-Stoll at 716-664-9502, ext. 202.

Adventures in Buffalo History Speakers Series- This speaker series features different Explore Buffalo docents presenting lectures on a wide variety of topics. Each session will have two different lectures. All sessions are from 7-9 PM on Thursday evenings at First Presbyterian Church of Buffalo on Symphony Circle. Admission per session: \$10, Explorer Pass Holders: Free. Register at <http://explorebuffalo.org/speaker-series-2/> Talks of the day: Black History in Buffalo.

Buffalo Auto Show 2017 Compressed Natural Gas Presentations- 8 to 11:30am. Info and registration at <https://www.eventbrite.com/e/the-benefits-of-fueling-your-fleet-with-compressed-natural-gas-and-sustainability-good-for-the-tickets-31242311595>. Hilton Garden Inn downtown Buffalo, 10 Lafayette Square, Buffalo, New York, 14203. Includes breakfast.

Western NY Emerald Ash Borer Taskforce Meeting- 9:00 am at Erie County Emergency Service Training Center, 3359 Broadway, Cheektowaga, NY 14227. All interested parties welcome.

Residential Energy Score Project – A Model for Advancing Energy Efficiency – A Climate Smart Communities Webinar-10:30 AM - 12:00 PM. Wouldn't it be great to understand a home's energy efficiency like a car's miles per gallon? This Climate Smart Communities (CSC) webinar will describe a voluntary program in Tompkins County where homeowners would get an "energy score" for their home that could be shared with prospective buyers, tenants, or other interested parties. A home energy score is a succinct summary of the energy efficiency and physical structure of a residential building.

The [Residential Energy Score Project](#) seeks to create strong market demand for energy efficiency in existing houses and, by extension, to reduce utility costs for homeowners, to increase energy literacy, and to help promote sustainability goals. 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 or 518-402-8448. In the event that we cancel or postpone this webinar, respondents will be notified. [webinarlink](#), password NYSDEC1

Public Hearing on Northern Access Pipeline - http://www.dec.ny.gov/enb/20170125_not9.html Come hear about the gas pipeline and infrastructure that will carry fracked gas from PA to Canada and express your concerns. 6pm at Niagara County Community College, 3111 Saunders Settlement Road, Room E-140, Sanborn, NY 14132.

Friday, February 10

Hemlock Woolly Adelgid Survey at RTPI and JCC Woodlot-12:30pm. Join us as we explore our own backyard and survey the Jamestown Community College and Roger Tory Peterson Institute's preserves. We will meet in the Roger Tory Peterson Institute in Jamestown parking lot at 12:30pm to provide instruction and work our way through the preserves.

Starry Night Valentine Hike- 6:30pm - 08:00pm. Grab your favorite someone and enjoy the crisp air while we watch the moon rise and stroll through Tiff's trails. We'll end with hot chocolate and music by the fireplace in Tiff's candlelit cabin. **Ages:** 18+. **Cost:** \$6 non-members, *BMS Members save 10%*! Showshoe rentals additional \$2 per person, weather permitting. [register](#)

WNY REDC Public Meeting-3pm-5pm at the Conference and Event Center Niagara Falls. Please RSVP at [registration](#)

Snowshoe Tour: Moonlight Tour-Join Buffalo Niagara Riverkeeper on a moonlit walk in the Niagara Gorge. 7 to 9pm at Stella Niagara Preserve. [Tickets](#)

Shake it, Don't Brake it-7:00 PM - 10:00 PM. A night to celebrate those we truly love, those who always take us home: our bicycles. Join us at the Buffalo Niagara Hostel at 667 Main Street for a shakin' good party. We'll have live music, games, and lots of fun! Free for members; \$10 for non-members.

Saturday, February 11

Native Plants Workshop-Free at Urban Roots, 2pm with Maris Grundy. You will need to register for classes as space is limited. Please email us at <http://info@urbanroots.org> or call the store @ 716-362-8982 to register.

Winter Wonderland in the Woods-1 to 4pm. Discover the woods in winter! Try snowshoes or cross-country skis for free, go on a winter scavenger hunt, and make snow art. Enjoy ice-fishing demonstrations and winter crafts for kids. For more information, visit www.reinsteinwoods.org or call 716-683-5959. No registration required for this event.

Snowshoe Adventure Hike 2 -10:00am-12:30pm at Amherst State Park. A challenging hike through mature forests with a focus on snowshoeing skills and wildlife ecology. Snowshoes will be provided. Fees: Free of Charge – sponsored by Waste Management of Chaffee. Register at <http://earthspiritedu.org/events.html>

Birding on the River-10:00 a.m. – 12:30 p.m. at [Beaver Island State Park](#). Join us as we search for migratory waterfowl and other wintering birds found along the Niagara River. We will visit the lagoon overlook as well as a few other viewing areas that you will find in our state parks on Grand Island. *To register, call (716) 282-5154.*

Where the Wild Things Grow Eco-Kids Series: Can you walk on snow?-Kids are full of questions! On the second Saturday of each month, the Eco-Kids series will include hands-on learning, a chance to get active with a game or hike, and a craft. All will center on the question of the month! Kids of ALL ages welcome. *Call (716) 282-5154 to register for any of these programs.* 11:00 a.m. – 12:30 p.m. at [DeVeaux Woods State Park](#). Why do some animals sink in the snow while others are able to stay on top of the snow? How do people solve the problem of not sinking in the snow?

Knox Farm Winter Trek-10:00 a.m. – 1:00 p.m. at [Knox Farm State Park](#). Embark on a winter wonder walk as we investigate animal tracks, admire 120 year old trees, and discuss how the park's wildlife endures the winter months. Bring a snack lunch. *To register, call (716) 549-1050.*

Growing Medicinal and Culinary Herbs Workshop-Cornell Cooperative Extension of Chautauqua County workshop from 10 a.m. to 12 p.m. at the Frank W. Bratt Agricultural Center, 3542 Turner Road, Jamestown. This workshop will cover the basics of growing, processing and marketing a range of herbs. Participants will touch on both sun and woodland species, the latter offering ways to utilize forested spaces on one's property. The instructor, herbalist and grower Sarah Sorci, will borrow from trainings on good agricultural practices for medicinal plants through the NC Extension, and woodland medicinal agriculture training the Appalachian Beginning Forest Farmers Coalition. She is the owner of Sweet Flag Herbs. The cost to attend is \$5 per family. **Pre-registration is required at least three days prior to the workshop** in order to give staff adequate time to prepare workshop materials. Registration is available [online](#). For more information, contact Katelyn Walley-Stoll at 716-664-9502, ext. 202.

Valentine's Tour-5:00 p.m. – 7:00 p.m. at [Darwin Martin House State Historic Site](#). Planning Valentine's Day doesn't just mean dinner and a movie – do something a little bit different this year! Sip champagne at Wright's Barton House and then embark on a special tour of the Martin House, exploring the themes of love, friendship and family. Cap off the evening with wine, cheese and chocolate in the Museum Store where you will find great gifts for you or that special someone. The event begins at the Barton House, 118 Summit. This event is sponsored by Premier Wines and Parkside Candy. *To register, call (716) 856-3858.*

Cold-Blooded Critter Carnival-10am – 12pm at Beaver Meadow Audubon Center, 1610 Welch Rd, Java Center, NY 14082. How do reptiles and amphibians survive in this wild world of ours? Join us for this one-day event to explore how cold-blooded creatures survive in our difficult world. We'll play silly games, make art, spend time outside, and meet some of Beaver Meadow Audubon Center's animal residents up-close! Pre-registration is required. Please call 585-457-3228 to register. \$5 non-members; \$3 members.

Backyard Birds and Birdfeeders-1pm – 3pm at Beaver Meadow Audubon Center ([map](#)). Join Naturalist Tom Kerr for a birdfeeder demonstration and learn about the common birds that frequent our backyards. All participants will receive a coupon good for 30% off a birdfeeder or bag of birdseed in the Beaver Meadow Gift Shop. Pre-registration required. Please call 585-457-3228 to register. \$5.

Valentine's Full Moon Walk- 6:00pm – 7:30pm at Beaver Meadow Audubon Center, 1610 Welch Rd, Java Center, NY 14082. Choose your favorite person to take a leisurely snowshoe walk with under the light of the Full Snow Moon at Beaver Meadow. Join us for hot cocoa and decorate cookies afterwards in the Nature Center. Pre-registration is required. Please call 585-457-3228 to register. Please wear sturdy winter boots. \$7. Ages 14+

Little Tykes Mini Nature Camp-9:30am to 11:30am at Tiff Nature Preserve. Enjoy a morning of fun and exploration at Tiff Nature Preserve! Nature story-time, crafts, outdoor investigation and more help to foster the nature explorer in your child. Healthy, kid-friendly snacks provided too! Pre-registration required for ages 3-5. \$8 per child with adult, \$4 additional child with same adult. BMS Members save 10%. Register at <https://13520.blackbaudhosting.com/13520/Little-Tykes-Mini-Nature-Camp-11Feb2017>

Full Moon Snowshoe Hike- Come out and join us for a "Full Wolf Moon" snowshoe hike out at Royalton Ravine. If there is no snow we will hike in the Ravine. Meet in the parking lot out in Royalton at 6:30 PM SHARP! We want to head into the ravine by 7:00 PM at the latest with an expected ETA back to the parking lot between 9:30 PM & 10:00 PM. Cost is \$15.00 if you have your own snowshoes. If you do not have snowshoes the cost will be \$25.00. You will be provided with a set of snowshoes and poles. Everyone will enjoy snacks at our break to include hot drinks, sausage, cheese and cracker. (Poles are a must to aid in ascending & descending) If you have your own shoes and wish to rent poles the snowshoe pole rental is \$5.00. RESERVATIONS are a MUST! If you have never snowshoed this is the time to come out and try it. This is a great evening adventure into the Ravine hiking the trails, up and down the hills and a short break in the pines. Instructors and NYS Licensed Guides will accompany you on this hike. For further information or directions call 716-213-0350.

About Boating Safely- 8 hour course in Buffalo. Course info at http://wow.uscgaux.info/pe_class_flyer.php?unit=092-03-02&course=18595

Nature Play Experience-2:30 PM - 4:00 PM. Join us at Reservoir State Park for a snow creature building contest! Build a snowman, snowlady, snowtiger, or anything you can think of. We'll have some building tools to help make your snow creatures perfect. There's snow better way to spend a winter day! Call Lisa at 716-995-6127 to register for this experience with WNY Family Nature Club.

Permaculture of Greater Buffalo-10am to noon. Introductory presentation on permaculture in Ashker's Juice Bar & Cafe, 1002 Elmwood Ave., Buffalo. Space is limited, so RSVP at <https://www.meetup.com/Permaculture-of-Greater-Buffalo/>.

Sunday, February 12

WNY Hosta Society Meeting-2 to 4 p.m. at the Aurora Senior Citizens Center, 101 King St., East Aurora. (Park in the lot behind the center, not in the Oakwood Plaza.) Doors open at 1 p.m. so people can socialize. Refreshments will be served.

Valentine Snowshoe Brunch at Bond Lake- This exciting Sunday morning/afternoon adventure is a new twist to a normal "restaurant" Sunday Morning Brunch. Come and join us out at Bond Lake for a Dutch Oven Brunch. We plan to serve hot fresh baked goodies, mountain man breakfast (vegetarian mountain man breakfast will also be prepared) tea, coffee and hot chocolate. After you have had plenty to eat come and join us for an early afternoon snowshoe adventure through the park. If Mother Nature does not provide us with snow we will spend the afternoon hiking. Brunch will be served at 11:00 AM. If you have snowshoes the cost will be \$25.00pp (this includes your brunch and guided hike). If you do not have snowshoes and need to rent shoes the cost will be \$30.00 (snowshoe/pole rental, your brunch and guided hike). Reservations required -- No Walk In's. Contact us at 716-213-0350 or christine@pathspeakspaddles.com if you have questions regarding the Brunch or Snowshoe hike.

Bowl-A-Rama-Fundraiser to support Massachusetts Avenue Project.at Voelkers Bowling Alley from 3-5pm (register your lane at 2:45pm). **Buy your tickets** [HERE!](#)

Nature Play Area Focus Group- Beaver Meadow Audubon Center in North Java, NY from 1:30-3:00 PM. Session will be conducted by Rusty Keeler, author of *Natural Playscapes: Creating Outdoor Play Environments for the Soul* and designer with Earthplay. During the session, snacks and refreshments will be provided. Families who attend will be able to experience the trails, exhibits and facilities of Beaver Meadow before or after the session. If you are interested in participating, please contact Lauren Makeyenko, Director of Education at 585-457-3228 or email info@buffaloaudubon.org.

Monday, February 13

East Aurora Garden Club Meeting-noon in St. Matthias Episcopal Church, 374 Main St., East Aurora. The program will be a workshop, led by Lynn Wilkins, to make small bouquets called nosegays for Meals on Wheels for Valentine's Day. No reservations are needed. Take floral tape, clippers and scissors. Also take a place setting for lunch.

Energy Committee Meeting- 6:00 pm – 7:30 pm at UU Church 695 Elmwood Ave. 2nd floor, Use side garden entrance. All are welcome to join us as we work for renewable energy solutions to climate change. “How do we Keep Ourselves from Freezing & Keep the Planet from Burning?”, presentation by Arjun Makhijani, President of the Institute for Energy and Environmental Research. Sponsored by the Sierra Club Niagara Group Energy Committee and Writer's Group. Details on <niagarasierraclub.com>.

New York Renews Rally in Albany-Get on the bus, show your support for NY Renews legislation to ensure 50% renewable by 2030 and energy democracy. www.nyrenews.org For info contact Clarke Gocker at PUSH, clarke@puahbuffalo.org or Harper Bishop at Harper@openbuffalo.org

Tuesday, February 14

Center for the Study of Art, Architecture, History, & Nature (C-SAAHN) Lecture Series-Noon to 1pm at Downtown Buffalo & Erie County Public Library, Ring of Knowledge area (past Fable's Café). Free and open to the public. For speaker and topic, visit <http://buffaloah.com/h/center/lib/17lec.html>

Erosion and Sediment Control Workshops-4 hr training for Construction Site Contractors and Operators at the Erie County Emergency Services Training Facility in Cheektowaga, New York. Registration fee is \$95.00 per attendee and includes refreshments and all training materials. Attendees must pre-register. Contact Don Stribick at (716) 652-8480 to register. Hosted by Erie County Soil and Water Conservation District and WNY Stormwater Coalition. **8am to 1pm, register by February 7.**

ADK General Meeting –6:30pm at Fellowship Hall - Amherst Community Church, 77 Washington Highway, Snyder NY 14226, NOTE: Please park in rear and enter through back door (walk up to 2nd floor) Program Schedule: 6:30 - 7:15pm: Education Workshop – “BACKPACKING FOOD”, 7:00 - 7:30pm Happy Half Hour, 7:30pm: General Meeting and Presentation –ASIAN CARP CONTROL IN THE GREAT LAKES, Mike Weimer,U.S. Fish and Wildlife Service.

“The Beautiful, Green, Sonoran Desert”- Talk by Joanne Schlegel who spent 7 months living in Tucson, Arizona. Niagara Frontier Botanical Society meeting at 7:30 p.m. on the second Tuesday of each month, September through May, at the Harlem Road Community Center, 4225 Harlem Road, one block south of Main Street in Snyder.

Kenmore Garden Club Meeting- 10 a.m. at Kenmore United Methodist Church, 32 Landers Rd., Kenmore. Laura Glass will present a hands-on workshop decorating Styrofoam hearts. She is a crafter and quilter and also has an Etsy site. The talk and meeting are free and open to the public.

Erie Canal Harbor Development Corporation Board of Directors Meeting- 10:30 a.m. on the second Monday of each month, unless as indicated below with and asterisk, and are held in the Board Room of ESD's Buffalo Regional Office, 95 Perry Street-Suite 500, Buffalo, NY 14203. Open to the public.

Wednesday, February 15

Senior Stroll-10:30am. Experience nature at your own pace, and enjoy a leisurely guided walk through the woods. For adults only. Registration required; call 716-683-5959 to sign up.

“Using Greenhouses to grow vegetables Workshop”- 6 to 8pm at the Frank W. Bratt Agricultural Center, 3542 Turner Road, Jamestown. In this session, participants will learn about different season extension structures such as greenhouses, high tunnels and row covers used to grow vegetables. Crops include greens, tomatoes, cucumbers and more. Site selection, structures, crop nutrition and pest management will be covered. Judson Reid, extension vegetable specialist with the Cornell Vegetable Program, will be the leader of this interactive workshop. He has worked for Cornell Cooperative Extension for several years and focuses on cultural practices, small farm operations and season extension techniques through his work. This event is part of the 2016-2017 L.E.A.F. (Learn. Empower. Achieve. Farm.) Workshop Series. The cost to attend is \$5 per family. **Pre-registration is required at least three days prior** to the workshop you are hoping to attend in order to give staff adequate time to prepare workshop materials. Registration is available [online](#). For info, contact Katelyn Walley-Stoll at 716-664-9502, ext. 202.

Plastic Pollution in the Great Lakes 'What about a ban on Plastic Bags?'-5:30 - 8:00 PM, at the Tewksbury Lodge, 249 Ohio Street, in Buffalo. Presentation by Dr. Sherri Mason. Sponsored by WNYEA, Erie County, Citizens Campaign for the Environment, and the Alliance for the Great Lakes. Reserve your spot at <https://growwny.wufoo.com/forms/xbece310yly6lx/>. Info at www.growwny.org.

Thursday, February 16

After-School Escape- 4:30 to 5:30 p.m. Together, kids and their parents or caregivers can enjoy a different, fun, hour-long outdoor activity each week. For children in grades K through 5. No registration required. Reinstein Woods Nature Preserve, Depew.

"Early Buffalo and the Erie Canal"-7pm. By Megan MacNeill, Program & Engagement Coordinator, Buffalo History Museum. From Joseph Ellicott to DeWitt Clinton, learn about the movers and shakers of the Erie Canal, its construction, and its impact on Western New York. An illustrated presentation in the auditorium of the Gateway Executive Office Building, 3556 Lake Shore Rd. Blasdell, NY. \$5/person, Penn Dixie Members: FREE. No preregistrations required.

Tonawanda Tomorrow Public Meeting- 6:30 to 8:30 PM at the Phillip Sheridan Building, 3200 Elmwood Ave. Buffalo, NY 14217. The Tonawanda Tomorrow project launched out of our Just Transition campaign to grow the town's economy after the impact of the Huntley Power Plant closing. During this work session we will assess the town's role in the region's economic landscape and identify strategies best fit to grow our economy. If you have ideas about what you want Tonawanda to look like, what types of businesses you want in your Town, and if the environment should be a priority - come to this meeting. <http://tonawandatomorrow.org/register/>

"Soil Health & Nutrient Management Workshop"-9am to 3pm at King's Party House, 4031 Routes 5 & 20, Canandaigua, NY 14424. Join Canandaigua Lake Watershed Association, Ontario and Yates Co. Soil and Water Conservation Districts and Environmental One Corp. for a soil health workshop in Canandaigua, NY. Speakers include Steve Groff of Cover Crop Coaching, Karl Czymmek of Cornell PRODAIRY, Tom Eskildsen of Yates Co. SWCD, Beth Meyers of American Dairy Association NE, Paul Salon of USDA-NRCS Soil Health Division, a Farmer Panel, and closing remarks by Al Kraus. \$10 advance, \$15 at door (cash only). Register by calling 585-394-5040, by emailing info@canandaigualakeassoc.org.

Planner Happy Hour- 5:30 to 8pm at The Steer Restaurant and Saloon 2nd Floor, 3151 Main St., 14214. Students and professionals welcome, no cover charge. RSVP Rocky at 716-222-0482 or wnyapa@gmail.com. Sponsored by the WNY Section of the American Planning Association.

Friday, February 17

The Great Backyard Bird Count-Bird watchers of all ages count birds to create a real-time snapshot of where birds are. Launched in 1998 by the Cornell Lab of Ornithology and National Audubon Society, the Great Backyard Bird Count was the first online citizen-science project to collect data on wild birds and to display results in near real-time. We invite you to participate! Simply tally the numbers and kinds of birds you see for at least 15 minutes on one or more days of the count. To get started, visit <http://gbbc.birdcount.org>

Observing Nature with the Executive Director-1:00pm – 2:30pm at Beaver Meadow Audubon Center, 1610 Welch Rd, Java Center, NY 14082, USA ([map](#)). Days are struggling to get longer in February and the wild weather we've had these past few years begs the question - what will we see? Dress for the weather and explore parts of Beaver Meadow. Hot cocoa will be served afterwards! Pre-registration is required. Please call 585-457-3228 to register. Donations.

Little Tykes Mini Nature Camp-9:30am to 11:30am at Tiff Nature Preserve. Enjoy a morning of fun and exploration at Tiff Nature Preserve! Nature story-time, crafts, outdoor investigation and more help to foster the nature explorer in your child. Healthy, kid-friendly snacks provided too! Pre-registration required for ages 3-5. \$8 per child with adult, \$4 additional child with same adult. BMS Members save 10%. Register at <https://13520.blackbaudhosting.com/13520/Little-Tykes-Mini-Nature-Camp-17Feb2017>

League of Women Voters Lunch and Issues—"Buffalo Niagara: Diagnosis and Prescription for Change" by Larry Brooks. 11:30 a.m. registration at Scotch 'n Sirloin Restaurant, 3999 Maple Road, Amherst, 14226. Recently, it's been easy to find positive signs of a change: waterfront development, medical campus construction, new business expansion and startups, and an uptick in the population and employment. But how are we really doing? We'll discuss the state of the region, why we are where we are today, and ways to go forward in order for this region to realize its potential. Buffalo native and life-long resident Larry Brooks is a UB graduate with a degree in philosophy. Most of his career was spent in industrial construction as a draftsman, designer, and project manager but then he transitioned into contractor and staff for the Buffalo Niagara Riverkeeper, from which he recently retired. Since retirement, Brooks has been a freelance writer with his work appearing in local publications such as the Buffalo News, Buffalo Spree, and others. His book *Buffalo Niagara: Diagnosis & Prescription for Change* was published in 2015. We appreciate co-sponsorship of this program by the Partnership for the Public Good and The Wellness Institute of Greater Buffalo and WNY, Inc. **Make reservations by noon on Tuesday, February 14**, by calling the League office at 986-4898 or [online here](#). Luncheon cost is \$20. Pay at the door with cash or check to LWVBN. To attend the program only (no charge), call 986-4898.

Saturday, February 18

Lawn Maintenance and Lawn Alternatives Workshop-Free at Urban Roots, 2pm with David Clark. You will need to register for classes as space is limited. Please email us at <http://info@urbanroots.org> or call the store @ 716-362-8982 to register.

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

Woods Walk: Nature Guide's Choice-11am. Join a guided nature walk through the woods. No registration required.

Winter Wonderland Ski Tour-10am to noon at [Evangola State Park](#). Cross-country skiing is a wonderful way to enjoy winter. Learn how to cross-country ski or improve your technique as we ski wooded and lakeside trails on this cooperative program led by the Buffalo Nordic Ski Club and New York State Parks. **To register, call (716) 549-1050.**

Hemlock Woolly Adelgid Survey Hatch Run- 9:30am. In addition to our South Valley State Forest site, we are also surveying the Hatch Run Conservation Demonstration Area in Warren Pennsylvania for the joint U.S. Forest Service and Nature Conservancy project. We will meet at the survey site at 9:30am located off of Hatch Run Road in Warren PA. For more information about Hatch Run please visit: <http://www.wcconservation.net/hatch-run-conservation-demonstration-area/>

Every Day Birds-10:00am – 11:30am at Beaver Meadow Audubon Center ([map](#)). "Chickadee wears a wee black cap. Jay is loud and bold. Nuthatch perches upside-down. Finch is clothed in gold." Join local author Amy Ludwig VanDerwater at Beaver Meadow for a reading of her book at Beaver Meadow! Every Day Birds helps small children identify and learn about common birds. Afterwards, take a short hike to look for birds, complete a craft and have a snack! Copies of the book will be available for purchase. Pre-registration is required. Please call 585-457-3228 to register. \$5 Ages 6 and under.

Jr. Audubon Club – Birdfeeders- 1pm – 3pm at Beaver Meadow Audubon Center, 1610 Welch Rd, Java Center, NY 14082, USA ([map](#)). Join Naturalist Tom Kerr and the Junior Audubon Club for our monthly birding adventure for kids ages 8-14! This month we'll use empty Gatorade bottles to build a backyard birdfeeder! After our birdfeeders are finished, we'll take a short walk around the Nature Center to visit with some of the birds that might use our recycled birdfeeders. Pre-registration required. Please call 585-457-3228 to register. Bring 3 identical empty Gatorade bottles. Donations.

Nature Mosaic-10:30 a.m. – 12:00 p.m. at [Darwin Martin House State Historic Site](#). The Martin family had a beautiful glass mosaic fireplace designed in a wisteria pattern. Using this fireplace as inspiration, you will use images of nature and architecture to create your own unique mosaic design. (\$10 per person.) **To register, call (716) 856-3858.**

The Great Backyard Bird Count-Bird watchers of all ages count birds to create a real-time snapshot of where birds are. Great Backyard Bird Count was the first online citizen-science project to collect data on wild birds and to display results in near real-time. Simply tally the numbers and kinds of birds you see for at least 15 minutes on one or more days of the count. To get started, visit <http://gbbc.birdcount.org>

2017 Communities in Bloom Class- 8:30 AM - 2:30 PM, All topics will include a “hands on” component: Soil, Soil pH and Composting, Winter Sowing & Seed Starting, Pruning. Unitarian Universalist Church, Address: 695 Elmwood Avenue, Buffalo, NY 14222. [To REGISTER ONLINE for Option A, Click HERE.](#) Cost is \$20, must register at least two days in advance. [\(Click Here for BROCHURE\)](#)

Bat and Bluebird Nest Box Building -10 am-11 am OR 11 am-12noon. Spring is just around the corner which means our wild friends will soon be looking for a place to roost and raise a family. Give them a helping hand by building a bat box, a bluebird box OR BOTH! These can be taken home or left with Pfeiffer Nature Center to be placed at the Lillibridge or Eshelman properties. Birding expert Tim Baird and Wildlife Biologist Mike Ermer will be on hand to answer questions about these amazing animals. Craftsmen Joe Leo and Craig Myers will lead the construction activities. This program will take place at the Home Depot, Olean. **Pre-registration is required and can be done through Pfeiffer Nature Center by 4 pm, Thursday, February 16th.** Reservations are limited and are on a “first come first serve basis”. Program fee: \$10 per box and group of builders (1-3 participants per group). Children must be accompanied by adults. Sign up on the programs Calendar at www.pfeiffernaturecenter.org or contact the office at 716-933-0187. Pfeiffer Nature Center is supported by United Way funding. Pfeiffer Nature Center where science, art & nature come together.

“Basics of Home Food Preservation Workshop”-10 a.m. to 12 p.m. Saturday, Feb. 18 at the Frank W. Bratt Agricultural Center, 3542 Turner Rd., Jamestown. Learn all about preserving your bountiful harvest. This workshop will provide an overview for safely canning, freezing and drying foods including the basics of the necessary equipment, trusted sources for recipes and important food safety information. Samples of preserved foods will be available for taste-testing. The instructor will be Cheryl Wahlstrom, a registered dietitian who is also a CCE master gardener and master food preserver. The cost to attend is \$5 per family. **Pre-registration is required at least three days prior to the workshop.** Registration is available [online](#). For info, contact Katelyn Walley-Stoll at 716-664-9502, ext. 202.

Snowshoe Tour: Winter Wildlife with Riverkeeper- @ De Veaux Woods and Whirlpool State Park from 10:00 AM – 12:00 PM. [Tickets](#). Follow the tracks of the region’s wildlife through the old growth forest in De Veaux Woods State Park and Whirlpool State Park.

Behind-the-Scenes Collections Tour (Adults Only): Fins, Furs & Feathers-1:00pm - 03:00pm at the Buffalo Museum of Science. Did you know the Museum houses over 700,000 specimens in our collection, or that a significant part of the collection pertains to the Greater Niagara Region? Get behind-the-scenes to see what few have seen and explore our research, special, and teaching collections in themed tours taking place throughout the month. Fins, Furs & Feathers Explore our vertebrate zoology collection featuring mounts, skins, bones and jars. Ages: adults 18+, Cost: \$25 non-members, \$15 BMS members . Registration deadline: one week in advance. [register](#)

Sunday, February 19

Snowshoeing & Cocoa-10am to 1pm at [Darwin Martin House State Historic Site](#). Borrow a pair of our snowshoes and join a naturalist for a trip through Delaware Park. Finish your trek at the Darwin Martin House to enjoy hot cocoa! An optional house tour (\$10 per person) will be offered. **To register, call (716) 549-1050.**

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FREE Snowshoe Demo-10am to 2pm. Come out and try snowshoeing with the instructors and guides from Paths, Peaks and Paddles. Our Instructors and Guides will be present to assist you with putting on your snowshoes, the use of poles and walking on the snow. You will then have the opportunity to take a short tour in the park so you can experience how to walk with snowshoes. Join us at Ellicott Creek Park off Niagara Falls Blvd Tonawanda, NY. We will be located next to the sledding hill in the park. We will have available for sale hot drinks to include hot chocolate and the introduction to Russian Tea. Dress for the weather! If you have any questions contact us at: 716-213-0350 or christine@pathsppeakspaddles.com

Monday, February 20

President's Day: Meet with Theodore Roosevelt-10am – 12pm at Beaver Meadow Audubon Center, 1610 Welch Rd, Java Center, NY 14082. Celebrate the day at Beaver Meadow with our 26th President (AKA Naturalist Mark Carra) and learn more about his great love for nature. He was a naturalist from early childhood and carried it through to the Presidency. Pre-registration is required. Please call 585-457-3228 to register. \$5 non-members; \$3 members.

The Great Backyard Bird Count-Bird watchers of all ages count birds to create a real-time snapshot of where birds are. Launched in 1998 by the Cornell Lab of Ornithology and National Audubon Society, the Great Backyard Bird Count was the first online citizen-science project to collect data on wild birds and to display results in near real-time. We invite you to participate! Simply tally the numbers and kinds of birds you see for at least 15 minutes on one or more days of the count. To get started, visit <http://gbbc.birdcount.org>

Tuesday, February 21

Center for the Study of Art, Architecture, History, & Nature (C-SAAHN) Lecture Series-Noon to 1pm at Downtown Buffalo & Erie County Public Library, Ring of Knowledge area (past Fable's Café). Free and open to the public. For speaker and topic, visit <http://buffaloah.com/h/center/lib/17lec.html>

"Facts on Foxes" -7 to 9pm at the Harlem Rd. Community Center. Elise Able will present. This event is free and open to the public. Please click on the link below for more information. Learn all about New York foxes and suburban fox ecology, fox families, and why they are in your neighborhood. Learn the facts, hear interesting stories, and take part in a valuable Q & A discussion afterwards. Bring your questions and concerns! Seating is limited, so RSVP/ Reservations are recommended. To reserve your seat, Private Message Fox Wood Wildlife Rescue, Inc. on Facebook or e-mail foxladye@yahoo.com. [info](#)

Containment-Film screening sponsored by Sierra Club Niagara, Daemen College Global & Local Sustainability Program and the Paul A. Saffrin Center for Sustainability at 6:30pm, Schenck Hall, Daemen College 4380 Main St., Amherst. Film will be followed by a panelist discussion. Can we contain some of the deadliest, most long-lasting substances ever produced? Left over from the Cold War are a hundred million gallons of radioactive sludge, covering vast radioactive lands. Governments around the world, desperate to protect future generations, have begun imagining society 10,000 years from now in order to create monuments that will speak across time. Part observational essay filmed in weapons plants, Fukushima and deep underground—and part graphic novel—Containment weaves between an uneasy present and an imaginative, troubled far future, exploring the idea that over millennia, nothing stays put. Free and open to the public.

"Resources and Access to Capital for Beginning Farmers Workshop"- 6 to 8 p.m. at the Frank W. Bratt Agricultural Center, 3542 Turner Rd., Jamestown. Finding funding for your farm business can often be the most difficult task for starting a farm business. Join Amanda Ritchey, farm loan manager with the USDA's Farm Service Agency, and USDA staff to learn more about the various resources available through USDA and their associated federal agencies including the Farm Service Agency, Rural Development, and Natural Resources Conservation Service. Learn about low-cost loans, insurance programs, disaster payments and more. The cost to attend is \$5 per family. **Pre-registration is required at least three days prior** to the workshop you are hoping to attend in order to give staff adequate time to prepare workshop materials. Registration is available [online](#). For more info, contact Katelyn Walley-Stoll at 716-664-9502, ext. 202.

Wednesday, February 22

Learn to Cross-Country Ski-10am. Learn the basics of cross-country skiing before going on a short guided ski tour. Ski rental \$8; \$5 for Friends of Reinstein Woods members. Registration required; call 716-683-5959. Reinstein Woods Nature Preserve.

Maple Syrup Primer at Beaver Meadow-10am – 12pm at Beaver Meadow Audubon Center, 1610 Welch Rd, Java Center, NY 14082 Naturalist Mark Carra will step you through the process of tapping trees to firing up the stove to boiling the sap down to the golden delight we all love so much. Dress for the weather. Pre-registration is required. Please call 585-457-3228 to register. \$5 non-members; \$3 members.

Winter Clues Hike-2 to 3:30pm. Get more out of your winter walk by investigating real animal clues along the trail with a knowledgeable guide. Afterwards we'll warm-up with hot chocolate in the Visitor Center at Tiff Nature Preserve. **Ages:** 5+. **Cost:** \$6 non-members, *BMS Members save 10%!* Showshoe rentals additional \$2 per person, weather permitting. <https://13520.blackbaudhosting.com/13520/Winter-Clues-Hikes>

Hempcrete Workshop-10am to 3pm at Brighton Parks & Recreation Center, Rochester. This premier Hempcrete Workshop includes engaging and dynamic presentations on the fascinating science and use of hemp and lime construction infill, along with complimentary whole healthy house building applications, and the current federal regulatory cultivation landscape and processing infrastructure. Workshops also include the hand-mixing and forming of your own hempcrete block, breakfast fruit, and a delicious lunch. REGISTRATION FEE: \$200 (U.S.) includes all expert instruction, materials, tools and protective gear for your own hempcrete block, along with breakfast fruit and a delicious lunch. Pre-registration is required. Bring your own water bottle. Go to www.HempcreteWorkshop.com to register!

Thursday, February 23

After-School Escape- 4:30 to 5:30 p.m. Together, kids and their parents or caregivers can enjoy a different, fun, hour-long outdoor activity each week. For children in grades K through 5. No registration required. Reinstein Woods Nature Preserve, Depew.

Adventures in Buffalo History Speakers Series- This speaker series features different Explore Buffalo docents presenting lectures on a wide variety of topics. Each session will have two different lectures. All sessions are from 7-9 PM on Thursday evenings at First Presbyterian Church of Buffalo on Symphony Circle. Admission per session: \$10, Explorer Pass Holders: Free. Talks of the day: Shipbuilding in Buffalo, Buffalo Maritime Disasters. Register at <http://explorebuffalo.org/speaker-series-2/>

Winter Nature Play-10:30am. Play nature games, build snow sculptures, paint pictures in the snow and more. For children ages 4-10. Registration required; call 716-683-5959. Reinstein Woods Nature Preserve.

Polar Bites- Buffalo's favorite wintertime fundraiser hosted by the Pro Zoo Board of the Buffalo Zoo. 6 p.m. until 9 p.m. at the Buffalo Niagara Convention Center. Featuring food samplings from some of Western New York's finest restaurants as well as a basket auction, silent auction, glacier gift wall and visits with some of the Zoo's ambassador animals. Tickets are \$30 presale and \$40 at the door and include admission, unlimited samplings, 2 drink tickets, free parking and more. A limited number of VIP tickets are also available for \$55 and include early admission and other fun Zoo goodies. [CLICK HERE for tickets.](#)

Green Drinks at The Green Machine-5:30 to 7:30pm at 1001 E. Delavan Avenue Buffalo, NY 14215. This month's event will be hosted by [The Green Machine](#), a company that is bringing their lithium-ion battery powered construction equipment to our region and beyond. Their goal is to spread the benefits of using this technology as opposed to traditional diesel equipment. The first 50 people to RSVP to Melanie at mmcmahan@cirelectric.com will receive a first free drink ticket. **In the email please write GD RSVP 2/23 in the header and include your name, email and company you work for if it is not already in your email signature.** Join the [facebook event page](#) to learn more about promotions and cool goings on from GreenWorks Buffalo Niagara.

“Small Scale Hops Production Workshop”- 6 to 8 p.m. at the Frank W. Bratt Agricultural Center, 3542 Turner Rd., Jamestown. This workshop will provide an overview of hops production from site selection, choosing varieties, plant nutrition, integrated pest management strategies for hops, to harvesting, processing and marketing. The instructor will be Tim Weigle, senior extension associate with the New York State Integrated Pest Management Program who has been growing hops for 6 years at the Cornell Lake Erie Research and Extension Laboratory in Portland, N.Y. The cost to attend is \$5 per family. **Pre-registration is required at least three days prior** to the workshop you are hoping to attend in order to give staff adequate time to prepare workshop materials. Registration is available [online](#). For more information, contact Katelyn Walley-Stoll at 716-664-9502, ext. 202.

Sierra Club Writers Group- 6:00 pm – 7:30 pm at Crane Branch Library, 633 Elmwood Avenue, Buffalo, NY. The Writers Group meets monthly to hear a short presentation on a relevant topic, discuss energy related news, letters and articles, and encourage each other to write for publication on topics of interest. All are welcome to attend.

Food Hub Grower Meeting-11am to 1pm. Eden Valley Growers (EVG), a farmer-owned cooperative and the owner/operator of the Western NY Food Hub, invites you to attend an information session on how they provide technical assistance and support for farmers interested in selling to the Western NY Food Hub. Eden Valley Growers, along with their project partners Cornell Cooperative Extension and Field & Fork Network, will host the meeting on February 23, 2017 at Cornell Cooperative Extension of Erie County, from 11am-1pm, **location is to be announced**. The Western NY Food Hub sources fruits and vegetables from growers around Buffalo and in twelve counties of Western New York – Erie, Niagara, Orleans, Genesee and Wyoming, Chautauqua, Cattaraugus, Monroe, Livingston, Allegany, Wayne and Ontario. Products are sold and distributed predominantly to wholesale buyers in Buffalo, and to buyers across the entire state of New York, as well as the Northeast and Mid-Atlantic. For more information and to reserve your spot at this free meeting, please RSVP to Dave Walczak by **February 21**, 2017 at 716-992-9721 or email dnwedenvalley@roadrunner.com

Friday, February 24

Family Snowshoe Walk-10:30am. Join us for a morning snowshoe walk along the trails as we look for evidence of wildlife. Snowshoe rental \$5; \$2 for Friends of Reinstein Woods members. Registration required; call 716-683-5959. Reinstein Woods Nature Preserve.

Hemlock Woolly Adelgid Survey at Goose Creek Valley Greenway Preserve- 12:30pm. We will be surveying the Chautauqua Watershed Conservancy's newly established Goose Creek Valley Greenway Preserve located on Hoag Road in the town of Ashville. We will meet at 12:00pm in the RTPI parking lot for those interested in carpooling, and will meet at the entrance of the site at 12:30pm located approx. 42°05'04.9"N 79°22'35.6"W.

Saturday, February 25

Sap Seekers and Maple Munchers-10:30am. Search for signs of birds, squirrels and other animals that enjoy the sweet flavor of maple on this guided walk in the woods. Registration required; call 716-683-5959. Reinstein Woods Nature Preserve.

Horticulture Classes at The Buffalo and Erie County Botanical Gardens- 11 a.m. – 1 p.m. five Saturdays at the Botanical Gardens, 2655 South Park Ave., Buffalo. The classes will be taught by horticulturist David Clark, who is becoming one of the country's noted garden speakers. These classes are great for beginners or gardeners and landscapers wishing to brush up on their skills. Cost for Botanical Gardens members for a full series of five classes is \$100 (\$120 nonmembers) and the cost for individual classes is \$22 (\$27 nonmembers). [register](#) Topic of the day-Hostas and Hydrangeas.

Sweetheart Soiree 2017-6 to 10pm. Fundraiser for Heart Animal Rescue and Adoption Team, all funds go to charity. For both singles and couples - dress up or dress casual at Salvatore's Italian Gardens, 6461 Transit Road, Depew, NY 14043. Tickets (\$50) can be purchased online through Eventbrite.com. **Tickets are also available at both Adoption Centers.**

Birding 101: Class #2-2:30pm. Join us for a bird identification adventure. This is the second in a series, but new participants are welcome. For adults and children ages 8 and older. Registration required; call 716-683-5959. Reinstein Woods Nature Preserve.

Boy Scout Mammal Study Merit Badge-10am – 3pm at Beaver Meadow Audubon Center, 1610 Welch Rd, Java Center, NY 14082, USA ([map](#)). Who isn't fascinated by the mammals of the world? Dive into this amazing tribe of furry creatures to learn more about one of the most visible of all the animal families. From the tiniest to the largest, from the strongest to the weakest, from the slowest to the fastest, they'll give up all their secrets. Prerequisites: 3c Pre-registration is required. Please call 585-457-3228 to register. \$12 per Scout.

Buckhorn Island Birding-10am – 1pm at East-West Park Drive, Grand Island, NY ([map](#)). Start your weekend with the Birds! Join Naturalist Tom Kerr for a Birdwatching Hike through Buckhorn Island State Park. The Niagara River hosts one of the biggest congregations of migrating waterfowl in North America. Meet at Woods Creek lot on East-West Park Drive. Pre-registration is required. Please call 585-457-3228 to register. Binoculars are available. Donations.

Wildlife Tracking- 10:00am-12:30pm at Erie County Forest Lands. A challenging hike (snowshoes provided, if necessary) through mature forests and along creeks with a focus on the art and science of wildlife tracking. Fees: Members: \$7 | Non-Members: \$10 <http://earthspiritedu.org/events.html>

Ice Volcanoes of Lake Erie!-10am to noon at [Evangola State Park](#). Ice Volcanoes erupt creating a bizarre and twisted ice-scape of vents, cones, craters and ice caves to discover! Take a guided walk to see these very unique Lake Erie ice formations! **To register, call (716) 549-1050.**

“Running a Successful CSA”- 10 a.m. to 12 p.m. at the Frank W. Bratt Agricultural Center, 3542 Turner Rd., Jamestown. CSAs, or Community Supported Agriculture, are a unique way to connect consumers to farmers. Learn about starting, organizing, managing and marketing a CSA as well as deciding what type of a CSA will work best for your farm business. Adrienne Ploss, owner of Hickory Hurst farm, a fourth-generation family farm that produces USDA Certified organic cut flowers, herbs and produce, will be this workshop's instructor and will incorporate her own experiences with running her farm's CSA. She has more than 25 years of experience as a horticulturist, as well as a master's degree from Purdue University and a bachelor's degree from Cornell University. This event is part of the 2016-2017 L.E.A.F. (Learn. Empower. Achieve. Farm.) Workshop Series. The programs are open to beginning farmers, established farms looking to diversify and grow, agriculture enthusiasts, homesteaders and everyone in between. The cost to attend is \$5 per family. **Pre-registration is required at least three days prior** to the workshop you are hoping to attend in order to give staff adequate time to prepare workshop materials. Registration is available [online](#). For info, contact Katelyn Walley-Stoll at 716-664-9502, ext. 202.

2017 Communities in Bloom Class- 8:30 AM - 2:30 PM, All topics will include a “hands on” component: Soil, Soil pH and Composting, Winter Sowing & Seed Starting, Pruning. Cornell Cooperative Extension, Address: 21 South Grove Street, East Aurora, NY 14052. [To REGISTER ONLINE for Option B, Click HERE.](#) Cost is \$20, must register at least two days in advance. [\(Click Here for BROCHURE\)](#)

Sunday, February 26

Slow Roll Buffalo's Snow Rolls-! Join us at a great venue giving a new boost to local business in Buffalo - meet at noon, roll at 12:30pm sharp, with food trucks onsite after each ride. [Niagara Distilling Company LLC: 1812 Vodka and Gin](#), 459 Ellicott St.

Monday, February 27

Clean Air Coalition Member Monday- 4 to 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.

Great Lakes Center Seminar Series- The Biology Department and the Great Lakes Ecosystem Science at Buffalo State College will host a talk by Chris Castiglione from 4:00 - 5:15 p.m. in Bulger Communication Center 2E. All are welcome.

Interfaith Climate Justice Community-All faith-based organizations are invited to attend this meeting to discuss how people of faith can address climate justice. Working groups include: divestment/investment; energy policy and lobbying; greening your facilities; and living simply/creation spirituality. St. Joseph Church, 3269 Main Street, Buffalo, 14214 at 7:00 PM.

“Birds and Invasives”- 6PM: presented by Andrea Locke, WNY PRISM at Roger Tory Peterson Institute, RTPI – 311 Curtis St., Jamestown, NY 14701. The relationship between birds and invasive species can be complex. On the surface, many invasive species may seem like a boon for our native birds, but as we look deeper into their impacts on our ecosystems, we see that all isn’t as it once seemed. Management can also be complex as we try to balance short and long-term impacts, both positive and negative. Join Andrea Locke, WNY PRISM Coordinator as she sheds some light on these complexities and discusses invasive bird species, invasive species impacts on native bird populations and management strategies. Andrea Locke is the Coordinator for WNY PRISM Partnership for Regional Invasive Species Management), a partnership organization focused on improving the effectiveness of invasive species management efforts and increasing awareness by providing leadership, information and collaboration opportunities. Andrea has been with WNY PRISM for three years, since its establishment in 2014. Prior to working with the PRISM network, Andrea spent time in Northern Michigan running a Private Lands Stewardship Program and worked on a high diversity prairie and savanna restoration in Indiana.

Tuesday, February 28

Sierra Club Meeting- 7 to 9pm in Room 227, Duns Scotus Hall, Daemen College, 4380 Main St., Amherst, 14226. All welcome.

Center for the Study of Art, Architecture, History, & Nature (C-SAAHN) Lecture Series-Noon to 1pm at Downtown Buffalo & Erie County Public Library, Ring of Knowledge area (past Fable’s Café). Free and open to the public. For speaker and topic, visit <http://buffaloah.com/h/center/lib/17lec.html>

Raising Poultry for Egg Production- 6 to 8 p.m. Tuesday, Feb. 28 in the Frank W. Bratt Agricultural Center, 3542 Turner Rd., Jamestown. The cost is \$5 per family. **Pre-registration is required at least three days prior** to the workshop you are hoping to attend in order to give staff adequate time to prepare workshop materials. You can [register online](#). Backyard chickens are a popular way to get started with homesteading and farming. In this workshop, participants will have the opportunity to learn about raising egg-layers from baby chick to productive adult including information on housing and supplies, nutrition, breed selection, chick care, pest control and marketing. There will also be a discussion on regulations and labeling requirements for sales of farm-fresh eggs. The instructor will be Katelyn Walley-Stoll, Farm Business Management Educator and “Chicken Lady” with Cornell Cooperative Extension of Chautauqua County, who has had many years of experience raising poultry for egg production. For more information, contact Katelyn Walley-Stoll at 716-664-9502, ext. 202.

Wednesday, March 1

GBNRTC-PCC Meeting-9:30AM at Erie County Public Works. Public invited to discuss transportation issues. Monthly meeting locations rotate, so you can confirm at 856-2026.

Buffalo Talks Speaker: Douglas Love, CEO Explore & More Children’s Museum-Douglas Love will give us an overview of the exciting plans for the new Explore & More Children’s Museum at Canalside, which will offer seven educational play zones that each tell the stories of Buffalo in unique, inspiring and interactive ways. Erie Canal Harbor Development Corporation will break ground on Explore & More’s new building in the South Aud Block of Canalside in March 2017. The Museum is expected to open downtown in late 2018. Noon to 1pm at Central Library, Buffalo. Free, reserve your spot at <http://www.workingfordowntown.org/wfd-events/buffalo-talks/>

Thursday, March 2

After-School Escape- 4:30 to 5:30 p.m. Together, kids and their parents or caregivers can enjoy a different, fun, hour-long outdoor activity each week. For children in grades K through 5. No registration required. Reinstein Woods Nature Preserve, Depew.

Buffalo & Erie County Greenway Grant Public Meeting- 4:00pm at Community Foundation for Greater Buffalo Larkin at Exchange 726 Exchange Street, Suite 525, Buffalo NY.

Friday, March 3

“Where have our bats gone?” -6pm. A look at White Nose Syndrome and the impacts to our local bats,” presented by Jonathan Townsend, Chautauqua Watershed Conservancy. White Nose Syndrome is a disease that impacts bat species that hibernate in caves. It is caused by an invasive species of fungus, *Pseudogymnoascus destructans*. Since the discovery in winter of 2006-2007, nearly 6 million bats have died and entire colonies have been lost. Species that were once among the most numerous mammals in North America have seen up to 99% declines, including several that live here in Western New York. Currently, WNS can be found in 29 states and 5 Canadian Provinces. In this past year bats infected with WNS were discovered in Washington state, further endangering bat populations nationwide. Join Jonathan Townsend at the Roger Tory Peterson Institute to learn more about this problem, as well as what you can do to help bat conservation efforts locally and abroad. RTPI – 311 Curtis St., Jamestown, NY 14701.

Saturday, March 4

Horticulture Classes at The Buffalo and Erie County Botanical Gardens- 11 a.m. – 1 p.m. five Saturdays at the Botanical Gardens, 2655 South Park Ave., Buffalo. The classes will be taught by horticulturist David Clark, who is becoming one of the country’s noted garden speakers. These classes are great for beginners or gardeners and landscapers wishing to brush up on their skills. Cost for Botanical Gardens members for a full series of five classes is \$100 (\$120 nonmembers) and the cost for individual classes is \$22 (\$27 nonmembers). [register](#) Topic of the day-Vegetable and Organic Gardening.

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

Get Handy- free DIY homeownership workshop presented by West Side & Black Rock-Riverside NHS that provides the experienced and first-time homeowner a chance to expand their education to promote DIY repairs featuring some of Buffalo’s grassroots-organization. 10am to 12pm at [University Heights Community Laboratory](#) [9 West Northrup Place]. ** Please RSVP to Micah at 716- 877-3910 as space is limited or through the Eventbrite website [here!](#)

Snowbirds Walk-10:30am. Search for our winter resident birds and early spring migrants on a guided walk. Registration required; call 716-683-5959. Reinstein Woods Nature Preserve.

Seed Starting Workshop-Free at Urban Roots, 2pm with Richard Price. You will need to register for classes as space is limited. Please email us at http://info@urbanroots.org or call the store @ 716-362-8982 to register.

Snowshoe Tour Family Hike with Riverkeeper-Hyde Park from 10am-noon. [info](#). Bring your family on a tour of Hyde Park to learn how to snowshoe, about the park’s wildlife, and about the habitat. [Tickets](#)

Nature Play Experience-10:00 AM - 11:30 AM. Join us at the Botanical Gardens for a plant exploration day. Explore plants from all over the world while keeping cozy and dry indoors. We will be offering free tickets to attend this event on a first come, first served basis, so sign up early before our spots fill! Call Lisa at 716-995-6127 to register for this experience. WNY Family Nature Camp.

Cabin Fever Break-Out!-10am to noon at Buckhorn Island State Park Preserve

Take a brisk walk to discover Buckhorn Island's great trail system. These trails are located along the creeks and the Niagara River. *To register, call (716) 549-1050.*

Beerology- Join the Buffalo Museum of Science from 7 to 10pm to learn about the science of beer and have your science on tap! Beerology guests can sample beers and other brews from some of the best micro breweries in the area, snack on beer-friendly foods, and enjoy presentations on home brewing and a variety of beer-related topics by the Niagara Association of Homebrewers, Sultans of Swig, Buffalo Beer Goddesses, and more. Admission includes 10 drink tickets good for one beer tasting each. Additional drink tickets may be purchased starting at 7pm. Also includes commemorative beer mug, food samples, live entertainment and access to all of the Museum's permanent exhibits and galleries. Tickets at <https://13520.blackbaudhosting.com/13520/Beerology-2017>.

Sunday, March 5

First Sunday of the Month Mid-Morning Walks-10:45 am - 11:30 am from March - November, 2017. All walks begin and end at the Hoyt Lake, Marcy Casino area. Led by Dennis Galucki, Founder, C-SAAHN & 'IMAGINE' Weekly Series and Philip Haberstro, CEO, Wellness institute of Greater Buffalo. Contact : Phil: 716-851-4052.

Monday, March 6

Great Lakes Center Seminar Series: "Invasion! A Niche Perspective"- The Biology Department and the Great Lakes Ecosystem Science at Buffalo State College will host a talk by Robert Warren from 4:00 - 5:15 p.m. in Bulger Communication Center 2E. All are welcome.

Tuesday, March 7

Center for the Study of Art, Architecture, History, & Nature (C-SAAHN) Lecture Series-Noon to 1pm at Downtown Buffalo & Erie County Public Library, Ring of Knowledge area (past Fable's Café). Free and open to the public. For speaker and topic, visit <http://buffaloah.com/h/center/lib/17lec.html>

Tips for the Environment:

- 1. Toss your dried latex paint in the trash**-yes, you read that correctly. Are you keeping some opened cans of paint in the basement or garage until a dropoff day? Save yourself the drive and wait by properly disposing of your dried paint in your household trash. For paint cans that are half-full or more, try to donate to a building project or you can pay for dropoff at Hazman. If you bring to a Hazardous Household Waste dropoff, the organizers must pay for anything collected and the paint is not recycled or specially processed. For info on paint disposal, visit <http://earth911.com/recycling-guide/how-to-recycle-paint/>
- 2. Reuse and recycle your Tips for the Environment**-we are probably all using CFL bulbs, recycling regularly and engaging in lots of earth-friendly behaviors. If you have tips to share, please send them to me to include. I will be updating the archived list on our new website.

The 4 R's – Reduce, Reuse, Recycle and Repair **By Lesley Haynes**

The early months of the year are the time when many of us think about making resolutions to make some positive changes in our lives. I usually take an inventory of my home and try to select items that I no longer need or want and I give them away or donate to various charitable organizations.

Are you a hoarder? Do you have too many clothes, shoes, souvenirs, jewelry, and let's call it what it is 'junk' in your dresser drawers, on your counters, all around the house? I am making the suggestion that you take some time and go through your possessions and donate, sell, or discard anything that you no longer need.

My personal addiction is for books. It started when I was a child - my mother would complain "How can you wash dishes and read a book at the same time?" Actually I found it quite easy by balancing a book on the faucets in front of me. When it was bedtime I spent my entire childhood holding a flashlight under the covers so that I could continue reading my current book selection.

Some years ago I moved from Massachusetts to Buffalo NY. For years I had put anything that I did not know what to do with in the basement. I had so many books that, in retrospect, I do not believe one person could read all of those books in one lifetime. But, all of the books were very precious to me. I knew that it did not make sense for me to take all of those books to Buffalo with me. But, how could I reduce the number of books and magazines in my home?

I became traumatized when I realized that I needed to let some of my books go. I had books on just about every topic that one could imagine. Each one was my favorite. At first I selected the books that I had been keeping for years and had only read once, or had never read. I developed a plan to reduce the number of books that I owned. For the entire year before I moved I systematically downsized my personal book collection. I decided to choose twelve books at a time and take them to the local library where they had bookshelves lined with free donated books at the entrance of the building. I felt very satisfied as I watched people browse through them and one by one they were selected by an avid reader and transported to a new home. What better place was there to dispose of my books?

I gradually donated dozens of books and I gave away seven (now empty) bookcases to friends. Now don't be misled by my story. I still managed to transport hundreds of books with me. I made a personal pledge that I would not purchase any more books until I had read every book that I owned. If there is a new release of a favorite author I reserve it at the local library and for several years this has been working very well for me. As an adult I no longer have to hide under the bedclothes to read.

Give it a try – spend time to remove all (many) of those unnecessary items from your home. Use the library, or buy secondhand books. Share the ones that you have or donate them. Think about this - about three billion new books are sold per year, requiring four hundred thousand trees to be chopped down.

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

Ongoing Volunteer Opportunities Available

Volunteer opportunities are available at local organizations for a one-time commitment for several hours to a regularly scheduled donation of your time. Websites are listed later in the newsletter.

Aquarium of Niagara- Scuba-certified volunteers needed to clean the sea lion exhibit (without animals) once monthly. Other opportunities exist for education, exhibit maintenance and other tasks.

AWARE (Association for Wild Animal Rehabilitation and Education) - Volunteers needed for fundraising, grant writing, capturing and transporting animals to us or the veterinarians, public relations, construction of cages, begging for donations of materials and food (for the animals, not us) and for helping at our educational programs.

Buffalo Audubon- Volunteers wanted for Beaver Meadow Audubon Center, and For the Birds Niagara! Help with tour leading, office work, programming, grounds keeping and general maintenance. Every Wednesday 10am-2pm is Volunteer Day at Beaver Meadow. No need to register, but bring a lunch. Call (800) 377-1520 for details.

Buffalo Carshare- This new non-profit has brought car-sharing to Buffalo. Volunteers are needed for office help and promotion. Contact them at <http://www.buffalocarshare.org/volunteer.html>.

Buffalo Central Terminal-Many different opportunities for people interested in helping to preserve this unique building- people with basic carpentry and repair skills, and those with plumbing or electrical skills, to work inside the building, as well as those interested in staffing events, assisting with fundraising, marketing, operating our gift shop, and other tasks. For info, check <http://buffalocentralterminal.org/you-can-help/volunteer-with-the-ctrc/>.

Buffalo & Erie County Botanical Gardens-Docents needed. Training is provided. Tours and hands-on lessons are scheduled in advance, so you may sign up for those that fit your schedule. Other opportunities to help are available too. For info, contact khammer@buffalogardens.com

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Additional calendars with local events-

<http://artvoice.com/calendar>

<http://www.citybration.com>

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

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

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

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

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

<http://buffalorising.com>

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

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

Additional local blogs and websites-

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Youth Summer/Holiday Camps/Home School Series

www.aquariumofniagara.org
www.buffaloaudubon.org
www.buffalogardens.com
www.buffscience.org
www.tifft.org
www.buffalozoo.org
www.penndixie.org
www.yourspca.org

Education Resources

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

Grant Opportunities

<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- <http://theardenfarm.com/>
Becker Farms- <http://www.beckerfarms.com/csa>
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- <http://www.greenherongrowers.com/>
Green Shoots- [www.jersbuffalo.org/index.php/programs/category/Green Shoots for New Americans](http://www.jersbuffalo.org/index.php/programs/category/Green_Shoots_for_New_Americans)
Harvest Patch- <http://www.harvestpatch.com/>
McCollum Orchards/Wildwood CSA- <http://www.oudfarmnewlife.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,

Hearts for the Homeless -to see what is accepted <https://www.nysar3.org/page/re-clothe-ny-78.html>

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Ink cartridges-RecyclePlace.com and most manufacturers

Mattresses- <http://triadrecycle.com/mattress/> Hazman, Buffalo ReUse ReSource

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

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

Packaging Materials (bubble wrap, peanuts)-UPS Store

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

Styrofoam- Thermal Foams, Inc. accepts clean, white Styrofoam at 2101 Kenmore Avenue, 14207. Please call first at (716) 874-6474.

Tennis balls- <http://www.rebounces.com/recycle/>

Toys, plastic- http://dmpgreen.com/mail_in.html

Uses and reuses for many items- <http://www.world.org/weo/recycle>
Water filters-Brita partners with preserveproducts.com/recycling
Yoga mats- RecycleYourMat.com

Eco-volunteering with Travel:

<http://www.planetfriendly.net/learn.html>
<http://www.globalteer.org>
<http://www.ecovolunteer.org/>
<http://www.goeco.org/>
<http://www.woof.org/>
<http://www.americanhiking.org/>

Education Courses or Certificates:

Energy University Website with Schneider Electric- [Courses](#) are free
Green Classroom Professional Certificate- Online courses, info [here](#)
Solar Energy Training- <http://www.solarenergy.org/training-schedule/>
Coursera- www.coursera.org

Miscellaneous:

Green America's guide to Socially Responsible Investing- <http://pubs.greenamerica.org/i/116105>
Buffalo Relocation and Self-Promotion <http://www.wherelifeworks.com/>
Change Food Library <http://www.changefood.org/changefoodlibrary/>
USDA Tool Kit for Local Food [toolkit](#)

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

Adirondack Mountain Club-Niagara Frontier Chapter Meetings 7:30, second Tues. from Sept.-June	http://adk-nfc.org/
AIA Buffalo Western NY	https://www.aiabuffalowny.org/
Allegany Nature Pilgrimage	http://alleganynaturepilgrimage.com/
Alliance for the Great Lakes	www.greatlakes.org
American Planning Association-WNY Section/Upstate	www.wnyapa.com
American Meteorological Society-WNY Chapter	www.facebook.com/amswnychapter
Amherst State Park Arboretum	http://www.amherststatepark.org/ASP/Welcome.html
Animal Advocates of Western New York	http://www.animalswny.org/
Aquarium of Niagara	www.aquariumofniagara.org
Artfarms	http://www.artfarms.org/
Asha Sanctuary for Rescued Farm Animals	http://www.ashasanctuary.com/

AWARE-Assoc. for Wild Animal Rehabilitation & Education	http://www.awarewildlife.com/
Bergen Swamp Preservation Society	http://www.bergenswamp.org/
Bless the Beasts Foundation	http://blessthebeastsinc.webs.com/
Bond Lake Environmental & Beautification Committee	http://www.freewebs.com/bondlake/
Braddock Bay Bird Observatory	http://braddockbaybirdobservatory.wordpress.com/
Buffalo Architecture Foundation	http://www.buffaloarchitecture.org/
Buffalo Audubon Society/Beaver Meadow Nature Center	www.buffaloudubon.org
Buffalo Bike Share	www.buffalobikeshare.org/
Buffalo Brownfields Opportunities Areas	http://buffalobrownfieldopportunities.com/
Buffalo and Erie County Botanical Gardens	www.buffalogardens.com
Buffalo Farm to School Program	http://buffalofarmtoschool.org/
Buffalo First	www.buffalofirst.org/
Buffalo Geological Society Meetings 7:30pm, first Fri. Oct-April, Parkside Lutheran	www.bgsny.org
Buffalo Green Code	http://www.buffalogreencode.com/
Buffalo Heritage Carousel	http://buffaloheritagecarousel.org/
Buffalo in Bloom	www.buffaloinbloom.com/
Buffalo Maritime Center	http://www.buffalomaritimecenter.org/
Buffalo Museum of Science	www.sciencebuff.org/
Buffalo Niagara Riverkeeper	www.bnriverkeeper.org/
Buffalo Olmsted Parks Conservancy	www.bfloparks.org
Buffalo Orienteering Club	http://www.buffalo-orienteeing.org/
Buffalo Ornithological Society	http://www.buffaloornithologicalsociety.org/
Buffalo Recycles	http://buffalorecycles.org/
Buffalo ReUse	www.buffaloreuse.org/

Buffalo Urban Development Corp	http://budc.ecidany.com/
Buffalo Zoo	www.buffalozoo.org
Burchfield Nature and Art Center	http://www.burchfieldnac.org/
Center for Environmental Information (Rochester)	http://ceinfo.org/
Center for the Study of Art, Architecture, History and Nature	http://buffaloah.com/h/center/index.html
Chautauqua Watershed Conservancy	http://www.chautauquawatershed.org/
Chestnut Ridge Conservancy	http://chestnutridgeconservancy.org/
Citizens Campaign for the Environment	www.citizenscampaign.org
Citizens Coalition for Wildlife and Environment	http://citizencoalitionwe.com/
Citizens for Regional Transit	www.citizenstransit.org/
Citizen Science Community Resources	http://www.airhugger.org/
Clarence Bluebird Trail	www.clarencebluebirdtrail.org
Clean Air Coalition of Western New York	http://www.cacwny.org/
Clean Communities of Western New York	http://www.ccofwny.org/
Community Action Organization of Erie County	http://www.caoec.org/
Community Foundation for Greater Buffalo	http://www.cfgb.org/
Cornell Cooperative Extension for Cattaraugus County	http://chautauqua.cce.cornell.edu/
Cornell Cooperative Extension for Erie County	http://counties.cce.cornell.edu/erie/
Cornell Cooperative Extension for Niagara County	http://counties.cce.cornell.edu/niagara/
Daemen College Center for Sustainability	www.daemen.edu/enviro-news
Department of Environmental Conservation (NY State)	www.dec.ny.gov/index.html
Designing to Live Sustainably	http://www.d2lsbuffalo.com/
Earth Spirit Educational Services	www.earthspiritedu.org
Environmental Education Associates	http://environmentaleducation.com/

Environmental Protection Agency Local Office (716) 551-4410	http://www2.epa.gov/aboutepa/epa-region-2
Erie Canal Harbor Development	http://www.eriecanalharbor.com/
Erie County Community College Going Green	http://eccgoinggreen.ecc.edu/index.html
Erie County Conservation Society	http://eccs-club.org/
Erie County Department of Environment and Planning	http://www2.erie.gov/environment/
Erie County Environment Management Council	http://www2.erie.gov/environment/
Erie County Farm Bureau	http://www.ecfarm.com/
Erie County Federation of Sportsmen's Clubs	http://www.eriectyfsc.org/
Erie County Parks and Recreation	http://www.erie.gov/parks
Erie County Soil and Water Conservation	www.ecswcd.org/
Excalibur Leisure Skills	https://www.facebook.com/excaliburleisureskills/
Explore Buffalo	www.explorebuffalo.org
Farm2Curb	https://www.facebook.com/farmtocurb
Fillmore Corridor Neighborhood Coalition	http://www.fcnc-buffalo.org/
First Hand Learning	www.firsthandlearning.org
Food is our Medicine Project	www.foodisourmedicine.org/
Food Policy Council of Buffalo & Erie County	http://buffaloeriefoodpolicycouncil.org/
For A Clean Tonawanda Site	www.factsofwny.com/
Foundry	http://thefoundrybuffalo.org/
Friends of the Iroquois National Wildlife Refuge	http://www.friendsofiroquoisnwr.org/
Friends of Times Beach Nature Preserve	http://www.friendsoftimesbeachnp.org/
Foothills Trail Club	www.foothillstrailclub.org
Garden Clubs of WNY	www.gardenclubsofwny.com

Garden Walk Buffalo	http://gardenwalkbuffalo.com/
Genesee County Nature Center	www.gcv.org
Global Justice Ecology Project	http://globaljusticeecology.org/
Go Bike Buffalo	http://gobikebuffalo.org/
Good Going WNY	www.goodgoingwny.com
Gooseneck Hill Waterfowl Sanctuary	www.gooseneckhillwaterfowlfarm.com
Grassroots Gardens of Buffalo	www.grassrootsgardens.org/
Greater Buffalo-Niagara Regional Transportation Council	www.gbnrtc.org/
Great Lakes Beach Sweep	http://greatlakesbeachsweep.org/
Great Lakes Center at Buffalo State College	http://greatlakescenter.buffalostate.edu/
Great Lakes Experience	http://www.thegreatlakesexperience.org
Green Development Zone	http://greendevlopmentzone.org/
Greenup Jamestown	https://www.greenupjamestown.com/
Greenworks WNY	https://www.facebook.com/Greenworks-Buffalo-Niagara-418537631544691/
Groundwork Buffalo	www.gwbuffalo.org
Habitat for Humanity Buffalo	http://www.habitatbuffalo.org/
HEART Animal Rescue and Adoption	https://www.heartforanimals.org/events.php3
Heart of the City Neighborhoods, Inc.	www.hocn.org
Iroquois National Wildlife Refuge	http://www.fws.gov/refuge/iroquois/
Jamestown Audubon Center & Sanctuary	www.jamestownaudubon.org
Jamestown Community College	http://www.sunyjcc.edu/sustainability
Jane's Walk-Buffalo	http://janeswalk.org/united-states/buffalo-ny/
Junior Solar Sprint Buffalo	www.jssbuffalo.com
Lake Erie Seaway Trail Center	http://lakeerieseawaytrail.org/

League of Women Voters of Buffalo Niagara	http://www.lwvbn.org/
Learning Sustainability Campaign	http://www.learningsustainability.com/
Local Initiatives Support Corporation	http://www.buffalolisc.org
Massachusetts Avenue Project	http://mass-ave.org/
Matt Urban Human Services Center	http://urbanctr.org/
Messinger Woods Wildlife Care and Education Center, Inc	www.messingerwoods.org
Nannen Arboretum	http://www.nannenarboretum.org/
Nature Conservancy-Central and Western New York Chapter	http://Nature.org/centralwestern
Nature Sanctuary of Western New York	http://nsswny.org/
New York Farm Bureau	http://www.nyfb.org/
New York Flora Association	http://www.nyflora.org/
New York Forest Owner's Association	www.nyfoa.org
New York Interfaith Power and Light	www.newyorkipl.org/
New York League of Conservation Voters	http://www.nylcv.org/
New York Power Authority	www.nypa.gov
New York Public Interest Research Group	http://www.nypirg.org/
New York State Association of Conservation Commissions	http://www.nysaccny.org/index.php
New York State Ornithological Association	http://nybirds.org/index.html
New York State Outdoor Education Association	http://nysoea.org/
New York State Parks	www.nysparks.com
New York State Sea Grant	http://www.seagrantsunysb.edu/
New York State Soil and Water	http://www.nys-soilandwater.org/
New York State Sustainable Agriculture Working Group	http://www.ny-sawg.org/
New York Upstate Chapter of the Green Building Council	http://www.greenupstateny.org/

New York State Wetlands Forum	http://www.wetlandsforum.org
Niagara County Farm Bureau	http://www.niagaracountyfarmbureau.com/
Niagara County Landfill and Recycling	http://www.rethinkyourwaste.com/
Niagara County Parks	http://www.niagaracounty.com/Parks/
Niagara County Soil and Water Conservation District	www.niagaraswcd.com
Niagara Frontier Botanical Society	niagarafrontierbotanicalsociety.org
Niagara Frontier Wildlife Habitat Council	http://www.nfwhc.org/
Niagara Heritage Partnership	http://www.niagaraheritage.org/
Niagara Restoration Council	www.niagararestoration.org/
Niagara River Anglers Association	http://www.niagarariveranglers.com
Niagara River Greenway Commission	www.niagaragreenway.org
Niagara University Sustainability	http://www.niagara.edu/green/
Northeast Organic Farming Association of New York	http://nofany.org
Oakmossed Education	http://oakmossed.com
One Region Forward	http://www.oneregionforward.org/
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	www.penndixie.org
Pfeiffer Nature Center (Portville)	www.pfeiffernaturecenter.org
People United for Sustainable Housing	http://www.pushbuffalo.org
Plant WNY	http://www.plantwny.com/
Preservation Buffalo Niagara	http://www.preservationbuffaloniagara.org/
Primate Sanctuary	http://theprimatesanctuary.com

Regional Councils NYS	http://regionalcouncils.ny.gov
Reinstein Woods Nature Preserve	www.dec.ny.gov/education/1837.html
ReNU Niagara	http://www.niagara.edu/renu/
Reptile Adoption, Rehabilitation and Education, Inc. (RARE)	http://rarerehab.org/
Restore our Community Coalition	http://roccbuffalo.org/
Retree Western New York	www.re-treewny.org
ReUse Action	http://reuseaction.com/
Rise Up for Climate Justice	https://www.facebook.com/riseupforclimatejustice/
Rochester Environmental Groups	http://rochesterenvironment.com/EXTRA/enviromentalists.htm
Roger Tory Peterson Institute	www.rtpi.org
Service Collaborative of WNY	http://www.tscwny.org/
Sierra Club (Niagara Group of Atlantic Chapter)	http://niagarasierraclub.com/
Slow Roll Buffalo	http://slowrollbuffalo.org/
South Buffalo Alive	https://www.facebook.com/South-Buffalo-Alive-174141769403626/
SPCA serving Erie County	www.yourspca.org
Street Synergy	http://www.streetsynergy.org/
SUNY Fredonia	http://www.fredonia.edu/gogreen/
Sustainability at Buffalo State	http://sustainability.buffalostate.edu/
Sustainable Earth Solutions	www.sustainableearthsolutions.com
Tifft Nature Preserve	http://www.tifft.org/tifft/
Tonawanda Creek Watershed Committee	https://tonawandacreek.shutterfly.com/
Tonawanda Tomorrow	http://tonawandatoday.org/
Tuscarora Environmental Task Force	http://www.tuscaroraenvironment.com
21 st Century Park on the Outer Harbor	http://21stcenturypark.org/

UB Engineers for a Sustainable World	http://www.eng.buffalo.edu/esw
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	http://www.unwastenyny.org
Urban Land Institute	http://newyork.uli.org/regional/
Urban Roots	www.urbanroots.org/
US Army Corps of Engineers-Buffalo District	http://www.lrb.usace.army.mil/
US Coast Guard-Boating Safety	http://www.wnyboatsafe.org/
Vision Niagara	http://visionniagara.org/
Voice-Buffalo	http://www.voice-buffalo.org
WASH Project	http://thewashproject.org/
Wellness Institute	http://www.healthycommunitynetwork.com/
Western Chapter New York Water Environment Association	http://nywea.org/
Western New York AmeriCorps (Service Collaborative)	http://www.tscwny.org/
Western New York Earth Day	http://www.wnyearthday.org/
Western New York Environmental Alliance	http://www.growwny.org/
Western New York Family Nature Club	http://lthibault.wixsite.com/wnyfamilynatureclub
Western New York Herpetological Society	http://www.wnyherpsociety.org/
Western New York Hiking Trails and resources	www.wnyhikes.com
Western New York Land Conservancy	http://www.wnylc.org/
WNY Nursery and Landscape Association (PLANT WNY)	http://www.plantwny.com/

WNY Partnership for Invasive Species Mgmt (PRISM)	www.wnyprism.org
WNY Permaculture	https://www.facebook.com/WNY-Permaculture-1098493876841295/
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	www.wnysoilhealth.com
WNY STEM	http://wnysystem.org/
Western New York Stormwater Coalition	http://www2.erie.gov/environment/
Western New York Sustainable Business Roundtable	http://www.wnysustainablebusiness.org/
Western New York Sustainable Energy Association	https://www.facebook.com/WNYSEA
WNY Peace Center Renewable Energy Task Force	http://wnypeace.org/new/projects.html
West Side Ministries (716 Ministries)	http://www.westsideministries.org/
West Valley Citizen Task Force	www.westvalleyctf.org
Wild Kritters	http://www.wildkritters.com/
Wild Ones, Native Plants and Natural Landscapes	http://www.wildonesniagara.org/
Wild Spirit Education	http://www.wildspirit.org/
Wind Action Group	https://buffalowind.wordpress.com/
Working for Downtown	http://www.workingfordowntown.org/
World on your Plate	http://www.worldonyourplate.org/