

Enviro-News

February, 2018

Sponsored by Daemen College's Global & Local Sustainability Program

Newsletter Contents:

- Articles- including events, courses, local news, grants, positions
- Upcoming Activities
- Tips for the Environment, "Going Green" by Lesley Haynes
- Volunteer Opportunities, Recycling, CSAs and Farms, Organization links

Articles:

Building a Healthy Buffalo and WNY Series

This free **February 3rd** event is focused on the state of the walkability movement and how it affects other social action initiatives. The 9:30am to 2pm event features a keynote talk by Dr. Kate Kraft, Executive Director of America Walks. A local action panel, networking lunch and walkability workshop round out the activities. There will be numerous community organizations tabling throughout the day. Don't miss the opportunity to mingle and network. This is your chance to learn about what is happening in our region to make WNY a healthy community, and how to get involved yourself. Space is limited, so please RSVP [register](#). If you wish to show your appreciation for our efforts monetarily, donations will be accepted. Event will be held at St Teresa's Parish Center, 33 Mineral Springs Rd, Buffalo, NY 14210. Please feel welcome to contact us with any questions! Our email is beactive@city-buffalo.org, or you may reach us by phone at (716) 307-7738.

2018 Electronics Recycling Day

The Annual East Aurora Rotary Club's Electronic Recycling will be held on **February 3rd** from 9:30am to 1pm at Parkdale Elementary, 141 Girard St in East Aurora. If you have electronics that you wish to dispose of, please bring them to us! Check for acceptable materials at <https://www.sunning.com/consumer-business/acceptable-materials/>. Donations support local non-profits and community based projects and organizations.

Winter Wonderland at Reinstein Woods

The New York State Department of Environmental Conservation (DEC), in partnership with Friends of Reinstein Woods, invites the public to celebrate "Winter Wonderland in the Woods" on **Saturday, Feb. 10**, from 12 p.m. to 4 p.m. at Reinstein Woods Nature Preserve in Cheektowaga. Visitors can discover a variety of outdoor activities during the event. Ice-fishing demonstrations will take place throughout the afternoon and visitors will be able to try snowshoes and cross-country skis in a demonstration area, weather permitting. Snowshoe rentals will also be available for those who wish to explore the trails of the preserve. After enjoying outdoor activities, 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 1:30 p.m. and 3 p.m. Visitors are encouraged to bring used alkaline batteries to be recycled in a hands-on demonstration by The Coalition of Positively Charged People. There will also be door prizes, costumed characters, exhibits and more. Registration is not required for this event. There is no entry fee, but donations to Friends of Reinstein Woods are always welcome. Reinstein Woods Nature Preserve is located at 93 Honorine Drive, off of Como Park Boulevard in Cheektowaga. For more information, contact Reinstein Woods at [\(716\) 683-5959](tel:7166835959), or visit www.reinsteinwoods.org and search for "Winter Wonderland."

Valentine Adoptions

Give your special someone a truly unique and loving Valentine's Day gift of an animal adoption from the Buffalo Zoo. With your kind donation of \$15 your sweetheart will receive: an adoption certificate, a pair of guest passes to the Zoo, plus a sweet bonus of a chocolate heart from Fowler's Chocolate. Most importantly you'll be showing your love to your Valentine as well as to one of the Earth's most precious inhabitants. [adoption](#)

Women Farmland Owners Learning Circle

New York Women Farmland Owners Learning Circles are opportunities for women farmland owners and managers that would like to get together with other women and share information about conservation and stewardship in a relaxed, nonjudgmental setting. Discussions on "Soil Health and Your Land" will be held on **February 15** at Livingston County Center for Emergency Operations, Mount Morris, NY. [To register and for info](#)

Great Backyard Bird Count

The next [Great Backyard Bird Count \(GBBC\)](#) is **February 16–19**. Citizens can report birds that they see outside their windows or visiting feeders. School students may participate in a citizen science project to count birds during the GBBC. Early Years' expert Peggy Ashbrook has some [tips](#) as to how you can combine the GBBC with monitoring the weather.

2018 Buffalo in Bloom Spring Gardening Classes

Cornell Cooperative Extension of Erie County Master Gardeners will offer its Spring Gardening class on two dates. The identical class will be offered on both **Saturday, February 17** at the Unitarian Universalist Church on Delaware Ave. and **February 24** the Cornell Cooperative Extension, 21 S. Grove St., E. Aurora, from 9am–2:30pm. The three topics covered will be: What's Eating My Plants; learn to identify insect damage and what to do about it, Let's Get Growing; seed starting and Ensuring Success; Choosing the right plants for your garden. Participants should bring a bag lunch. Advanced registration for the program is required. The cost for this full day event is \$25 for the general public and \$20 for Master Gardeners. To register contact Cornell Cooperative Extension 652-5400, ext 177 or online at mgerie@cornell.edu.

Canalway Sponsorships Available for 2018 Events

Festivals and events draw millions of people to canal communities and the Canal System each year for fun, recreation, history, music, local food, and natural beauty. The Erie Canalway National Heritage Corridor, in partnership with NYS Canal Corporation is offering a limited number of sponsorships of **up to \$500 for events or festivals** taking place in the National Heritage Corridor from May through November 2018. Eligible applicants include municipalities and nonprofit 501(c)(3) organizations. Applications are due by **February 16, 2018**. Qualifying events must promote the distinctive historic, cultural, scenic, or recreational assets of the canal corridor. Find instructions and an online application at <https://eriecanalway.org/resources/grants> .

Polar Bites 2018

The Buffalo Zoo's wintertime fundraiser, Polar Bites, will be held on **Thursday, February 22** from 6 to 9pm in the Grand Ballroom at the Buffalo Niagara Convention Center. Polar Bites will feature food samplings from some of Western New York's finest restaurants, as well as a basket auction, gift card wall, and visits with some of the Zoo's ambassador animals. Tickets will be \$30 presale and \$40 at the door. Purchase Tickets [Here](#).

Winter 2018 Course: History of Buffalo

Join Explore Buffalo this winter for a unique opportunity to broaden your knowledge about the Queen City! This four-week course will take you on a journey through Buffalo's history, from the indigenous peoples who originally occupied this area all the way to the magnificent renaissance taking place today. This course is taught by Master Docent John Fagant. Sessions will take place on Tuesday evenings in **February 2018** from 7:00 – 8:30 P.M at Explore Buffalo's headquarters in First Presbyterian Church of Buffalo (across from Kleinhans Music Hall). Parking is available in the church lot. This course can only be purchased as a whole – individual sessions cannot be purchased separately. [Reserve your spot now](#)

Conservation Tree and Shrub Orders for Erie and Niagara County

County Soil and Water District offices are taking orders for their annual sale of trees and shrubs. For Erie County, order by March 16 and pick up on April 21. Eleven varieties of Transplants and 33 varieties of Seedlings, and Seedling Combination Packs are available-use the [2018 Order Form](#). For Niagara County, order by March 9 for April 20 and 21 pickup- [The 2018 Tree and Seedling order form can be accessed HERE!](#)

Marvin Lunenfeld Beautification Grants

Garden Walk Buffalo has provided nearly \$100,000 in Marvin Lunenfeld Beautification Grants since 2005. Marvin Lunenfeld and his wife Gail McCarthy were the founders of Garden Walk Buffalo. More than 100 micro-grants have been awarded to block clubs and community groups in the neighborhoods of Garden Walk Buffalo. Past projects have included street-side planters, hanging baskets, storm damage repair, historic garden restoration, annuals for planters, community gardens, and much more. [APPLY ONLINE HERE](#) by **February 28**.

WNY STEAM Conference

Educators and STEAM (science, technology, engineering, art and math) professionals are invited to submit proposals for a 50 minute workshop at the WNY STEAM Conference to be held August 6 at Daemen College. Proposals are due by **February 28**. Workshops will address arts integration, include real world connections and emphasize creativity and design. Visit www.edcowny.org/stem for details and the link for online submission. The conference brings K-12 educators together to learn more about STEAM and discuss best practices. This year's theme is "Building Buffalo and Beyond".

SPCA Spring Wildlife "Baby Shower"

The spring season is fast-approaching and the SPCA will see an influx of orphaned and injured baby wild animals. Please join us on **March 1**- from 10am to 2pm for an open house as we celebrate all things wild and prepare for the busy baby season. The SPCA serving Erie County is located at 300 Harlem Rd., West Seneca. Visit <http://yoursPCA.org/wildlife-baby-shower/> for a wishlist for gifts**. Tour our Wildlife Rehabilitation Center where we care for thousands of animals Visit with live animals and wildlife ambassadors from the SPCA, the Buffalo Audubon Society, SkyHunters USA, and the Citizen Coalition for Wildlife and Environment.

Save the Date for the 2018 WNYEA Congress!

This year's Western New York Environmental Alliance Congress is co-sponsored by PechaKucha Buffalo and will feature fun and fast-paced presentations of the work of WNYEA members as well as innovators in the region working to improve the health and wellness of the environment through design. Learn more about PechaKucha [here](#), and stay tuned for more details. Save the evening of **March 14th** for the annual congress @ The 9th Ward | Babeville Buffalo.

Doug Tallamy: Treasures Among Our Natives

The WNY Land Conservancy is hosting a special talk on **Friday, March 16** with Doug Tallamy, famed author of “Bringing Nature Home” and “The Living Landscape.” Dr. Tallamy is a Professor of Entomology at the University of Delaware Department of Entomology and Wildlife Ecology. The author will speak from 7 to 8pm at the Niagara Power Vista. This event is a part of the Land Conservancy’s multi-year [Restore the Gorge](#) project, which will maintain and enhance the ecological diversity of the remarkable Niagara Gorge...Free, but space is limited. Reserve at <https://wnylc.org/get-involved/events/>

2018 Master Gardener Education Day

The annual Master Gardener Education Day will be **Saturday, March 17** from 8:30am to 3pm at Classics V Banquet & Conference Center, 2425 Niagara Falls Blvd., Amherst, NY. Speakers include Doug Tallamy, author of *The Living Landscape* and *Bringing Nature Home*, and Sally Cunningham, a Certified Nursery & Landscape Professional, authored *Great Garden Companions*. [Register](#) Advanced registration for the program is required. **Registration is not complete until payment has been received.** Fees are non-refundable. We are not offering registrations by phone. **Space is limited.** Cost is \$55 for the General Public; \$45 for Active Master Gardeners from outside Erie County and associates; \$35 for Active Erie County Master Gardeners.

2018 Preservation Buffalo Niagara Award Nominations Sought

Nominations are now open for the 2018 Preservation Awards, which will be held on May 22nd at 6 pm at The Saturn Club. Tickets will be on sale to the general public beginning in March and sponsorship opportunities are now available. Know of a great preservation project, or a person working hard to make sure their community is protected? [Consider filling out a nomination form for the 2018 Preservation Awards!](#) Nominations are due by **Wednesday, February 28th**, at 5 pm. Questions about the event or the nominating process may be directed to Olivia Cammisa-Frost at [\(716\) 852-3300](tel:7168523300), or ocammisa-frost@pbnsaves.org.

The EMC Environmental Excellence Awards Program

Started in 2015, the Erie County Environmental Management Council program recognizes exceptional projects carried out by municipal and non-profit organizations in Erie County that stand to have a significant and lasting positive impact on the natural environment. The awards program 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 that has recently completed a project that has environmental benefits, we invite you to nominate your project for consideration. 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. The 2018 Environmental Excellence Award application is available [here](#) and nominations are due by **March 15, 2018**. Please address any questions to Josh Wilson at peter.wilson@erie.gov.

Master Gardener Education Day

The annual Master Gardener Education Day is planned for **Saturday, March 17** from 9:00 – 3:00, at Classics V Banquet Center. Doug Tallamy, author of *Bringing Nature Home* and *The Living Landscape*, will give two presentations: *Bringing Nature Home* which addresses the importance of the plant choices we make and how they affect the overall health of the ecosystem and *Creating Living Landscapes*. Sally Cunningham author of *Great Garden Companions* CNLP and TV personality will present on: *What Would Doug Do (in your yard)?* She will address the practical concerns and Buffalo area realities of our ecologically meaningful goals. Tickets go on sale January 19 until sold out. The cost for the general public is \$55. The registration fee includes a hot buffet lunch, beverages, and snacks. The day will begin with registration from 8:30 – 9:00 a.m., a morning presentation, coffee break, second presentation, full hot buffet lunch and an afternoon presentation. The day will end at 3:00 p.m. There is also a basket raffle with lots of garden related items as well as gift certificates from local restaurants and merchants. Visit <http://erie.cce.cornell.edu/> for ticket info.

Plantasia Brings Spring

Plantasia, WNY's Premier Garden and Landscape Show: The Official Sponsor Of Spring, will be held this year **March 22-25, 2018** at The Fairgrounds Event Center, 5820 South Park Avenue, Hamburg. For details on the five-day event, visit <https://plantasiany.com/Event-Schedule>

NY Organics Summit

The [4th Annual New York State Organics Summit](#) will take place **March 27th-28th, 2018** at Poughkeepsie Grand Hotel in Poughkeepsie, NY. This yearly event engages stakeholders from across the state in facilitative discussion aimed at developing creative solutions to barriers that restrict the sustainable management of organics materials (i.e. food scraps, yard waste, manure, etc.). The end goal is to significantly increase diversion of organics from landfills by increasing donation of edible food, and by increasing organics recycling through composting, anaerobic digestion, and other processes.

NY GEO Renewable Heating & Cooling Conference

Join us for the [fourth annual](#) NY-GEO Renewable Heating & Cooling Conference at the Radisson in Albany, New York on **April 18 & 19!** NY-GEO 2018 is the premier northeast renewable heating and cooling conference. This year's event will feature leading designers and installers, national and international geothermal experts, and representatives from state agencies. Early registration has been extended to **February 15th!** [Register now](#) to get 10% off with early registration.

Save the Date: Symposium on Energy in the 21st Century

The 14th Annual Symposium on Energy will be held on **April 20, 2018** in East Syracuse, NY. For info or to register, visit [REGISTER NOW](#).

2018 Legacy Cities Preservation Conference in Buffalo

Preservation Buffalo Niagara is thrilled that Buffalo will be hosting the next Legacy Cities Preservation Conference from **July 11th – 14th, 2018**. This will be the third biennial interdisciplinary convening of preservationists, community developers, economic developers, urban planners, urban policymakers, urban designers, and others. It will be an opportunity to collaborate, share ideas, and devise solutions for creating a more integrated approach to planning for the future of Legacy Cities, bringing historic preservation into urban policymaking, and crafting a 21st century preservation profession that is responsive to the needs and conditions of Legacy Cities and our diverse inhabitants. Check back for [more info](#).

Cycle the Erie Canal Tour

Join us **July 8-15** for Parks & Trails New York's 20th annual [Cycle the Erie Canal tour](#). The tour offers an unparalleled opportunity to experience great cycling while taking in the rich history of the legendary canal that helped transform America. The tour offers an unparalleled opportunity to experience great cycling while taking in the rich history of the legendary canal that helped transform America. [Sign up today](#) to join over 600 cyclists ride across New York this summer along the historic Erie Canal, which is celebrating its 200th birthday this year.

The Foundry Offers Hands-on Classes: Build your own Furnishings

Want a new skill? The Foundry, 298 Northampton St. in Buffalo, offers artisan classes including glass blowing, leatherworking, upholstery and woodworking. To check out the full list of classes, [click here](#).

Adopt-a-Horse: Support the Solar-Powered Heritage Carousel

A solar-powered historic carousel is planned for Canalside in 2018. The Buffalo Heritage Carousel, Inc. is currently restoring the 1924 Spillman carousel which features 34 hand carved and painted animals and 3 chariots, with most currently needing restoration. Consider adopting one of the animals or contributing to the efforts of the project. For info, visit <http://buffaloheritagecarousel.org/>

2017 Riverwatch Citizen Science Report

Each year BNW's Riverwatch Volunteer Citizen Scientists collect water quality at numerous sites within the Niagara River Watershed. 2017 was our biggest year yet, with over 75 volunteers sampling over 80 sites from May to November. The efforts of these volunteers provide valuable baseline water quality data allowing us to track the health of local waterways and determine if restoration efforts are having a positive effect on water quality. The Riverwatch Citizen Science Water Quality Report includes their data-view it at [report](#)

Lake Monitoring Data Added to Web

The Division of Water has posted to DEC's website the 2016 reports for lakes sampled through the New York Citizens Statewide Lake Assessment Program (CSLAP), the volunteer lake monitoring program conducted by DEC and the New York Federation of Lake Associations. CSLAP provides data and information to lake residents, local communities, lake managers, and public agencies working together to understand and improve lake conditions. Trained CSLAP samplers have been instrumental in documenting harmful algal blooms, invasive species, and other environmental threats. These lake reports can be found on DEC's [Water Reports by Counties webpage](#). More than 150 lakes across New York State were sampled through CSLAP in 2017, and summary reports for these lakes will be written before the start of the summer recreational season.

DEC Conducting River Otter Surveys Throughout New York

River otter (*Lontra canadensis*) surveys are underway throughout New York State. The survey period extends from the beginning of December until the end of March. DEC personnel conduct these surveys by walking along waterbodies looking for any sign of otter including tracks, scat, slides, and otter themselves! The photo shows DEC staff next to otter tracks and slides. The purpose of these surveys is to assess the current status of river otter in New York State, including within the recovery zone where otter were reintroduced in the late 1990s/early 2000s. DEC is also requesting that the [public report sightings of river otter](#), as well as bobcat, fisher, and weasel in Upstate New York and beaver, gray fox, weasel, mink, coyote, and skunk on Long Island and New York City.

Grocery Stores are Going Green!

The average grocery store uses 1.5 million gallons of water each year. Grocery stores dispose of half a million pounds of food waste annually, nearly all of which goes to the landfill and use 660 lbs. of cleaning products containing 150 lbs. of hazardous chemicals. The New York State Pollution Prevention Institute (NYSP2I) and DEC teamed up to help grocers drive down their operating costs and reduce their environmental footprint. Read about the [Sustainable Grocer Program](#).

Prune your Oaks Now

Pruning oak trees now through the end of February can help protect the oaks from becoming infected with [oak wilt](#), a fungal disease that can be deadly for oaks, according to the New York State Department of Environmental Conservation. The disease is caused by the oak wilt fungus. One way oak wilt spreads is by the fungal spores hitching rides on insects. Sap beetles, one of the main culprits, are extremely attracted to fresh tree wounds. If you prune when the insects aren't active, it decreases the chances of the disease spreading. Oak wilt has been found in other parts of New York State. Learn to [identify the symptoms of oak wilt](#), which include discoloration around the entire leaf edge and sudden loss of a substantial portion of leaves during the summer. For questions, contact the DEC Forest Health office at 1-866-640-0652 or email photos of tree symptoms to foresthealth@dec.ny.gov.

First Round of Facilities Participating in State's Pilot Drug "Take-Back" Program

DEC has announced the first group of participants in the State's \$2 million [Pilot Pharmaceutical Take-back Program](#). Participants include 80 retail pharmacies, hospitals, and long-term care facilities. Under the program, DEC will purchase medication collection boxes and pay for the disposal of waste pharmaceuticals collected by participating facilities for two years. Implementation of this pilot program will help improve water quality, protect public health by removing unused or expired medications from home medicine cabinets, and reduce potential adverse impacts to fish and aquatic organisms. Retail pharmacies, hospitals and long-term care facilities are encouraged to [apply for the second round](#) of the pilot program.

Want to increase your sustainability practices at Work?

We've all heard it before – “buy green products” – but what does that mean and how do I know if I am really purchasing an environmentally preferable product for my home or business? New York State agencies have taken a close look at what it means to buy truly green products and where to find them. They have developed criteria to purchase items that reduce harmful health and environmental impacts, minimize toxicity in packaging, and maximize recycled and renewable content. Check out the deep dive on everything from carpeting to lighting and from electric vehicles to office furniture at the [“Green NY”](#) website.

Database for Farmers Market Volunteers and Interns

Many farmers markets use volunteers and student interns to help keep their markets running smoothly. Other markets wish they had a volunteer program to help manage and grow their market. But the thought of recruiting, training and supervising volunteers is daunting, often intimidating. Without a helping hand, these markets are missing an opportunity to make their markets more customer friendly, a more vibrant shopping experience; as well as a much more lucrative market for their vendors. The Farmers Market Federation of NY is offering you that helping hand! We are creating a database on our website of all market volunteer and internship opportunities throughout New York's farmers markets. The database will be promoted to colleges and communities across the state, encouraging them to match their interests with the opportunities found on the database. To create the database, we invite all markets to submit their volunteer and internship opportunities through a convenient web portal [here](#). The information provided will populate a spreadsheet that will be maintained on the Federation's website. We plan to publish the database by mid-January, so don't delay, get your information entered ASAP [here](#).

New York's Got Fish

New York has one of the richest and most diverse populations of fish in the nation. Over 165 fish species inhabit the state's 7,500 lakes and ponds and 70,000 miles of rivers. Learn more about these fish and where they can be found in the [Atlas of Inland Fishes of New York](#). Check out these [images of New York fish species](#) including many dating back to the late 1800s.

NYS Plastic Bag Task Force

Across New York, residents use 23 billion plastic bags annually. A significant number of these bags make their way into the environment causing litter and damaging wildlife, which can be seen within our waterways, along our streets and in our oceans and lakes. These bags do not biodegrade -- they persist for years. In March 2017, Governor Cuomo created the New York State Plastic Bag Task Force, chaired by DEC Commissioner Seggos. The group was tasked with developing a uniform and equitable statewide plan to address New York's plastic bag problem. The [final report \(PDF\)](#) is a thorough analysis of the impacts of single-use plastic bags and provides several options for legislation that could help develop a statewide solution to the problem

The 2017 EJSCREEN is here!

[EJSCREEN](#) is an environmental justice mapping and screening tool that provides Environmental Protection Agency (EPA) with a nationally consistent dataset and approach for combining environmental and demographic indicators. EPA recently updated this useful tool in an effort to expand the way it engages with EJSCREEN users.

Earth Spirit 2018 Trips

Join Earth Spirit Educational Services for a wilderness experience along the Continental Divide (August 1-11, 2018) or viewing the predators of Yellowstone National Park (August 14-24, 2018). Details on the programs are available at www.earthspiritedu.org.

Climate Change Info-EPA Web Info Available at Chicago Website

The Environmental Protection Agency (EPA) website is no longer a resource for info on climate change. Previously, it was one of the foremost web resources for information related to the science of climate change. Thanks to the City of Chicago, we can still have access to this information as they have saved and posted the information formerly available at the federal website. You can view the resources (might want to save useful ones) at <https://www.cityofchicago.org/city/en/sites/climatechange/home.html>.

Supporting Green Business in Your Community

A Climate Smart Communities webinar on Thursday, February 8 from 10:30am-noon aims to show you how to support the expansion of green businesses in your community? Local leaders can play a key role in helping green businesses thrive in their communities through planning, outreach, and incentives. Two programs available in New York to support businesses in becoming more sustainable are [DEC's New York Green Business program](#) and the Green Business Partnership. This Climate Smart Communities webinar will describe the benefits of promoting and participating in these two programs. Speakers will discuss how local governments can leverage these programs to support the growth of green businesses in their communities. If you plan to attend, please provide your name, email and community affiliation to the DEC Office of Climate Change at climatechange@dec.ny.gov or [518-402-8448](tel:518-402-8448). In the event that we postpone the webinar, respondents will be notified. Registration is recommended but not required. To join the webinar: visit [link](#) and enter password: NYSDEC1.

Community Toolkit for Local Food and Revitalization

The Environmental Protection Agency has released the [Local Foods, Local Places Toolkit](#) which is meant to help communities interested in undertaking a similar process to develop their own plans for setting and achieving local food and revitalization goals. The toolkit was developed over the course of delivering the Local Foods, Local Places technical assistance and compiles best practices and lessons learned from the program. A facilitator, either from the community or hired from outside, could use this toolkit to help a community articulate its goals, engage stakeholders, and prioritize achievable actions to make progress.

New Snow Leopard Debuts at Buffalo Zoo

The Buffalo Zoo is excited to announce the addition of a new male snow leopard. With the new year off to a fast and cold start, what better time to announce the arrival of an animal that is right at home in these frigid January temperatures. The Buffalo Zoo's newest big cat, a male snow leopard, is adjusting well to his new habitat at the Zoo. Altai, a one-year-old male snow leopard, comes to the Buffalo Zoo from the Akron Zoo where he was one of three born on March 5, 2016. Named after the Altai Republic and Altai Mountain Range, he arrived in Buffalo in early October. After successful clearance of health quarantine, he began his introductions to his new habitat. He will share his habitat with the Zoo's two-year-old female snow leopard, Sabrina. The introduction of Altai to Sabrina is part of a breeding recommendation from the Association of Zoos and Aquariums' (AZA) Species Survival Plan (SSP) for snow leopards. There are an estimated 5,000 snow leopards left in the wild and approximately 600-700 in zoos around the world. For this reason, it is essential that zoos continue promoting and educating the public about conservation efforts in the wild.

Electronics Recycling: Avoid the TV Fine

The holidays are over and we're all charged up, trying to enjoy life to the fullest, save money, learn something new, and get organized! Out with the old and in with the new, even when it comes to TVs! Something that consistently gets overlooked is properly discarding old televisions. As new TVs are brought into homes, especially throughout the holiday season, residents need to get rid of their old ones. We can watch our shows and movies on bigger screens with more clarity and brighter colors than ever before, but there's still an estimated 6 billion pounds of old TVs in U.S. households according to an analysis by the National Center for Electronics Recycling. Thinking about throwing out that old TV? Not so fast! Often people don't realize that it's illegal to dump their unwanted TVs and other electronics, or leave them on the curb. Curbside garbage collectors will no longer pick them up and if you don't want to pay a hefty \$100 fine, don't trash your e-scrap! Take it to a certified electronics recycler. Not only will you avoid fines, you'll be saving the environment and people! Old tube televisions called CRT TVs have a high concentration of lead and phosphors and heavy metals such as cadmium. The United States Environmental Protection Agency includes discarded CRT monitors in the "hazardous household waste" category. If electronics make their way into landfills, the toxic materials seep into the ground and water causing negative effects on the environment and the health of people including damage to the nervous system, kidneys, bones, reproductive and endocrine system, and cancer. E-waste represents 2% of America's trash in landfills, but equals 70% of overall toxic waste. Pick a certified e-recycler nearest you by visiting sustainableelectronics.org/recyclers. Sunnking has residential electronic collection events throughout the upstate NY area throughout the year. You can view the first half of 2018's schedule at <https://www.sunnking.com/consumer-business/events/>! Have more e-recycling questions? Feel free to give us a ring anytime at 585-637-8365! We hope you all have been enjoying the new year thus far and continue to make it a great one! Check out Sunnking's collection events at <https://www.sunnking.com/consumer-business/events/>

NY-Sun Solar Guidebook and Technical Assistance for Local Governments

NYSERDA launched the [NY-Sun Solar Guidebook for Local Governments](#) which includes updates to the NYS Unified Solar Permit and guidance on the New York State fire code, along with other practical info 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 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 [here](#).

Reuse Action in Action: Source for Reusable Materials

Reuse Action helps deconstruct buildings to return building materials to the supply chain. Check out the video [here](#) for their recent work. The store will also take your used furniture, cabinetry or building supplies. Don't send them to the landfill, donate them to Reuse Action. Check out their website at www.reuseaction.com, call the store at 716-894-3366, or stop by 980 Northampton Street. Profits from sales put people to work!

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.](#)

Greening Park Infrastructure

EPA has produced a guide titled, [Green Infrastructure in Parks: A Guide to Collaboration, Funding, and Community Engagement](#), to encourage partnerships between park agencies and stormwater agencies to promote the use of green infrastructure on park lands. Green infrastructure can help to maximize the environmental, economic, and social benefits of parks. By building strong partnerships, agencies can improve park lands and access to parks, better manage stormwater, increase community resiliency to shifting weather patterns, and provide funding to implement and maintain park enhancements that benefit the community. Case studies are included to illustrate the approaches presented in the guide. These real-life examples portray how partnerships between municipal stormwater agencies and parks departments have improved recreational resources in the community, enhanced environmental protection, and reduced risks and burdens.

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](#)

Grants for Medical Campus Neighborhood Projects

The Buffalo Niagara Medical Campus, Inc. (BNMC) is inviting local community members and organizations to apply for grant funding for projects that help to strengthen the community in neighborhoods adjacent to the Medical Campus. Through BNMC Spark, a micro-grant funding pilot, the BNMC will award a total of \$30,000 in 2018 with maximum grants to individual organizations for \$5,000 for project grants and \$2,000 for program grants. BNMC Spark grants are designed to help organizations address funding needs or gaps for programs or projects that can be completed in 2018. Learn more at www.bnmc.org/spark or by calling Marc Pope at 716-218-7358.

iMatter

The [iMATTER](#) movement organizes youth to spark change across the country. They call on other youth to participate in a shift to a sustainable society by holding leaders accountable, starting or joining teams at schools, and building a national movement of young people to stand together and say “WE MATTER.”

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=AupnMjYaIQQ>.

Cornell Small Farms Program Offers Online Courses

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. 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. Check the listings at <http://www.nebeginningfarmers.org/online-courses/>

Environmental Working Groups Guide to Healthy Cleaning and Safe Drinking Water

Environmental Working Group provides a Guide to Healthy Cleaning which 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 check out their drinking water database which is searchable by zipcode at [EWG’s Tap Water Database](#).

Tool to Analyze Benefits of Green Infrastructure

The University of Maryland Environmental Finance Center recently published a report, [Holistically Analyzing the Benefits of Green Infrastructure](#). This document is intended to help smaller local governments, particularly those with MS4 stormwater programs, to evaluate the benefits of green infrastructure. It details how combining green and gray infrastructure systems allows local governments to lower costs, solve systemic water challenges and enhance a community's quality of life. The report was recently featured in a Chesapeake Bay Program [blog](#).

Communities Recycle More Plastics and Reduce Contamination Through Improved Education

Municipalities work to educate their residents about how to recycle more and recycle right, especially when it comes to plastics. Over the years, more plastics are entering the recycling stream as packaging evolves and more products come in plastics instead of other materials. And because there are so many different types of plastics—and which ones can be recycled varies from community to community—there's potential for plastics to end up in the wrong bin. We've seen that better communication with residents can lead to more and better recycling. Yet, often education materials are only updated when absolutely necessary, like when a recycling program changes what items it accepts since updating education materials can be resource-intensive. So, is there a program to help communities improve recycling education for plastics that is easy, economical, and effective? Three communities used a new resource—the [Plastics Recycling Terms and Tools](#)—and found that the answer is: yes!

2018 Fuel Economy Guide

If you're shopping for a new car, the Fuel Economy Guide will help you compare and choose vehicles that save money at the pump and pollute less. Check it out at <http://fueleconomy.gov/feg/findacar.shtml>

Climate Hubs Launch

The Climate Hubs just [launched a new portal](#) that allows stakeholders to quickly and easily find information for managing risks posed by a changing climate.

Current NY Environmental Bills List

Every week during the New York State Legislative Session, Environmental Advocates of New York reviews all of the bills introduced in legislative committees or on the floor of the State Senate and the Assembly. They then issue a memo that summarizes the legislation and describes our position on measures with significant environmental impact. If you would like to sign up for this listing, you can see the status of New York State legislation and can take action on those that are important to you. <http://www.eany.org/our-work/bill-ratings>

A new approach to rechargeable batteries

A type of battery first invented nearly 50 years ago could change the face of energy storage technologies, thanks to a new finding by researchers at MIT. The battery, based on electrodes made of sodium and nickel chloride and using a new type of metal mesh membrane, could be used for grid-scale installations to make intermittent power sources such as wind and solar capable of delivering reliable baseload electricity. Although the basic battery chemistry the team used, based on a liquid sodium electrode material, was first described in 1968, the concept never caught on as a practical approach because it required the use of a thin membrane to separate its molten components, and the only known material with the needed properties for that membrane was a brittle and fragile ceramic. These paper-thin membranes made the batteries too easily damaged in real-world operating conditions, so apart from a few specialized industrial applications, the system has never been widely implemented. With new materials available to serve as the thin membrane, there may be new opportunities for this battery design. Visit <http://news.mit.edu/2018/metal-mesh-membrane-rechargeable-batteries-renewable-energy-0122>.

Climate Science Special Report

In accordance with the Global Change Research Act of 1990, the USGCRP is required to conduct national climate assessments (NCA) at regular intervals. This recent report states that stronger evidence has emerged for “continuing, rapid, human-caused warming of the global atmosphere and ocean.” Each chapter of the Report includes key findings based on the authors’ expert judgment of the synthesis of the assessed literature. With each key finding, the CSSR provides its level of confidence ranging from “low” (inconclusive evidence, disagreement, or lack of opinions among experts) to “very high” (strong evidence, high consensus). Read the executive summary and access chapters of the report at <https://science2017.globalchange.gov/>

Climate Change Education Partnership Offers Webinar Series for Teachers

A series of four webinars will complement the newly released *Climate Change Education: Effective Practices for Working with Educators, Scientists, Decision Makers, and the Public* [guide](#). Produced by the CCEP Alliance, this guide provides recommendations for effective education and communication practices when working with different types of audiences. Please use this [link](#) to see the archived webinars in this series

Free Riparian Buffer Resource Published

Division of Water publications are now available on the DEC website. [Protect Our Waters: Funding and Assistance for Planting Riparian Buffers](#) (PDF, 801 KB) describes the variety of federal, state and local technical assistance and funding programs for landowners, municipalities and conservation organizations to plant [riparian buffers](#) to improve water quality and wildlife habitat.

Fungi Could Help Repair Concrete?

Researchers at the State University of New York at Binghamton and Rutgers University are developing a self-healing fungi concrete that could repair cracks in crumbling concrete. The *Trichoderma reesei* fungus would be mixed with concrete and remain dormant until cracks appear. When this fungus is mixed with concrete, it originally lies dormant -- until the first crack appears. "The fungal spores, together with nutrients, will be placed into the concrete matrix during the mixing process. When cracking occurs, water and oxygen will find their way in. With enough water and oxygen, the dormant fungal spores will germinate, grow and precipitate calcium carbonate to heal the cracks," as explained by Congrui Jin, Assistant Professor of Mechanical Engineering at Binghamton University. For more info, visit [here](#).

Better than Ed

Actor Ed Begley has gained a reputation for living sustainably and encouraging others to do so. He is featured in a new series of videos, “Better than Ed”. Check out the videos at <http://www.betterthaned.org/> covering topics like population growth, food waste, energy waste and others.

EPA Climate Change Indicators Report Available

The U.S. Environmental Protection Agency (U.S. EPA) has updated 'Climate Change Indicators in the United States (Fourth Edition)'. The report is available for download at www.epa.gov/climate-indicators.

Help Your Local School Reduce Food Waste

It's not uncommon for schools to throw away good food, even when many of their students don't have enough good food to eat. In partnership with the Oakland Unified School District and the public agency StopWaste, Food Shift established a food collection and donation program for Oakland, CA schools. The Earth Island project also helped [develop a guide](#) to capture best practices and templates for replication of the food recovery program. Please share the guide with any parents or school professionals you know who might want to start a similar program.

Summer Case Studies in Science Workshop

Presented by the National Center for Case Studies in Science Workshop, the annual summer workshop will be held from **May 21-25, 2018** at University at Buffalo, State University of New York. We have found the case study method to be a powerful pedagogical technique for teaching science because it humanizes science and effectively illustrates scientific methodology and values. Moreover, since many of the best cases are based on contemporary science problems featured in the news, the use of cases in the classroom makes science relevant to students. Our five-day workshop focuses on training science faculty (all levels) to teach with case studies, to write their own cases, and to assess their students' learning with cases. During the final two days of the workshop, all participants are required to teach a case before a student audience using a case they have developed during the workshop. In addition, workshop participants are expected to produce a case study within six months of the workshop for our national, peer-reviewed case collection. Past workshops have included faculty from biology, chemistry, physics, astronomy, computer science, mathematics, geology, psychology, anthropology, nursing, science education, dentistry, engineering, medicine, and other science-related disciplines. Registration Fee: \$975.00 with space limited to 35. Detailed information about the workshop, including online registration is available at <http://sciencecases.lib.buffalo.edu/cs/training/workshops/>

Teacher's Resources

[KoiKiwi](#) is an educational website with fun environmentally friendly games. Play puzzle games, action games, shooting games (shooting GHG molecules for instance!), rubbish cleaning games, recycling games and others.

[Using Environmental Issues Forums \(EIF\) to Enhance Deliberation: Case Studies](#)-This publication documents, through a series of case studies how educators have developed locally relevant EIF materials, reflect on their experiences holding forums for a variety of audiences, and report assessment results.

[EPA Activity Book for Elementary Age Students](#)-How do you describe to students what the EPA does? This newest activity book for elementary age students to help introduce them to EPA. Kids can learn about the different ways the EPA works to protect our environment and our health. It's a simple, straightforward guide suitable for children of all ages.

[Botany Primer: Understanding Botany for Nature's Notebook](#)- designed to help observers make reliable plant observations for submission to the Nature's Notebook citizen and professional science program. It covers basic botany, phenology vocabulary and the USA-NPN's plant phenophases. It is also very appropriate for those interested in simply learning more about botanical terms and concepts, separate from participation in Nature's Notebook.

[Solar Ovens & Design Critiques](#)-In this unit, students design, build, and test solar ovens. They critique and refine their own oven, as well as their peers' designs. Students learn about how energy is transformed from solar radiation to heat and infrared radiation. They use an interactive simulation to extend the design process. They test their ovens using heat lamps, and use a budget to constrain their design. The budgeting activity helps students consider trade-offs in the design. They evaluate each material they use with regard to their goal. Students go through two iterations of designing, building, and testing. Between the two iterations, student groups critique each other's ovens. During the second iteration, students engage in self-critique of their ovens prior to re-design.

[Conservation Connect](#) is a web-based video series produced by the U.S. Fish and Wildlife Service, National Conservation Training Center (NCTC). Our goal is to connect a new generation of conservationists, ages 8-16, with the great outdoors, wildlife species, and conservation careers. Conservation Connect is available to youth groups, schools, homeschoolers, nature centers, and other educational programs throughout the country, free of charge.

[Humpback whale activity books](#)- Learn about whales and their migration.

[How can teachers get students to learn science from each other](#)-By communicating science, students can reinforce and help others learn.

[Sky, Water, Earth: self-paced online science activities for youth](#)- collection of free, online, self-paced activities that are designed for youth between the ages of 16-22 who are interested in the field of science.

[High School Teacher's Guide for Climate Choices: How should we meet the challenges of a warming planet?](#)

[Middle School Teacher's Guide for Climate Choices : How should we meet the challenges of a warming planet?](#)

[Project GRACE](#)- To prepare youth in economically disadvantaged communities for the prospect of careers in science, technology, engineering, or mathematics (STEM) through Geographic Information Systems (GIS).

[FoodSpan](#) is a free, downloadable curriculum that provides high school students with a deep understanding of critical food system issues, empowers them to make healthy and responsible food choices, and encourages them to become advocates for food system change.

[Climate Change and the Water Cycle: Four Big Questions Answered](#)-Free e-book. Dramatic changes to our planet like glaciers calving into the sea and record-setting temperatures make front page headlines around the world. But while other disruptions caused by the climate crisis – such as the transformation of our planet's water cycle – are a little less immediately striking, they can be even more profound and far-reaching. The consequences can also seem confusing and contradictory. How is it even possible that climate change increases our risk of both heavy rains and extreme droughts?

[PollinatorLIVE: A Distance Learning Adventure](#)- resource that aims to meet national science education standards and promoting conservation action through education. PollinatorLIVE has lesson plans, web seminars, and information to increase the understanding of pollinators and their importance.

[Nature's Lights](#) explores how light is essential in the natural world, and how and why animals that live in the dark produce light via bioluminescence so that they can find food and communicate with others.

[Guess the Pollinator](#) is a fun creative activity which teaches students that certain animals have preferences for a flower type, color, shape or smell. Using the Coloring Sheets, students will colour in a chosen flower, then use the facts written underneath to match their flower up with its pollinator.

[Design a Flower](#) teaches students about what pollination is and how it happens. Using what they learned, students will then receive a card with a specific pollinator on it and will be asked to design the perfect flower for them.

[Seeing Red](#) teaches students about frequencies of light and how different colored light is absorbed or transmitted by colored filters. They will also discover how some animals use bioluminescence and color perception to outsmart prey.

[Materials Science and the Problem of Garbage](#)-Equip students to make informed choices about materials use and disposal with a series of lessons in which they investigate the technological and engineering ingenuity involved in making materials—and also the environmental ramifications.

[Water Agriculture Sustainability](#)-InTeGrate provides this three to five-week module that provides a framework for students to learn about how people interact with water, peer into our water future, and consider ways we might foster more sustainability in water management. After assessing our major water challenges, the module has students learn about the concepts of water sustainability, virtual water trade, and water footprints. The focus then turns to the interplay between agriculture and water resources, as agriculture has the greatest impact on freshwater consumption and quality.

[Remember the Rainforest](#)-free resources for K-12 with images of rainforest ecosystems for awareness.

[Cornell Webinars](#) -Our free webinar series covers topics like bird-friendly gardens and bird communication.

[Book Guide for On Bird Hill](#)- Our free guide for grades K–2 turn [this charming book](#) into lessons in science, art, math, and literacy.

[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.

[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.

[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.

[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](#).

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

["Appetite for Adventure: Exploring Global Food Sustainability"](#) - 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.

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

Contests and Awards

[The Purpose Challenge Essay Contest](#)- Find your purpose and win up to \$25,000 for college! The Purpose Challenge toolkit helps high school seniors explore and identify their purpose - infusing what they learn about themselves into their 2017-2018 college applications. They can enter that essay in a contest; six students will win prizes ranging from \$5,000 to \$25,000. Deadline: **February 1, 2018**.

[P3 National Student Design Competition](#)- This collegiate design competition promotes the use of scientific and engineering principles in creating innovative projects to address challenges and develop real world solutions. EPA is seeking applications in research areas of air quality, clean and safe water, land revitalization, and safer chemicals in the marketplace. Applications are due **February 7, 2018**.

[Fourth Annual UL Innovative Education Award](#) invests in and supports youth engagement in local and environmental issues, while encouraging youth interest in engineering, technology, science, and mathematics. \$250,000 in prize money. Deadline: **February 21, 2018**.

[2018 USFS BioBlitz Grant](#)-The National Environmental Education Foundation (NEEF), with major funding support from US Forest Service (USFS), is offering a little over \$17,000 through mini-grants to facilitate BioBlitz activities. Awarded grantees will be expected to facilitate the development of educational and conservation activities on local Forest Service lands, other partner public lands, local and municipal public lands, or on lands within urban communities. Programming should connect participants to urban forests and nature-based spaces: meeting people where they are. These activities will be accomplished by mobilizing community volunteers and educating participants about the importance of their actions and their relationship to the long-term sustainability of the lands. Deadline: **February 26**.

[2018 USFS Pollinator/Community Garden Grant](#)-The National Environmental Education Foundation (NEEF), with major funding support from US Forest Service (USFS), is offering a little over \$10,700 through mini-grants to facilitate Pollinator Garden and/Community Garden activities. Awarded grantees will be expected to facilitate the development of educational and conservation activities on local Forest Service lands, other partner public lands, local and municipal public lands, or on lands within urban communities. Programming should connect participants to urban forests and nature-based spaces: meeting people where they are. These activities will be accomplished by mobilizing community volunteers and educating participants about the importance of their actions and their relationship to the long-term sustainability of the lands. Deadline: **February 26**.

[Eco-Hero Awards](#)-Action For Nature has sought to recognize and reward young people between the ages of 8 and 16 who are taking action to solve the world's tough environmental problems through creative environmental projects with a cash prize up to \$500, certificate of achievement, and public recognition. Deadline: **February 28**.

[President's Environmental Youth Award](#) (PEYA) - program recognizes outstanding environmental projects by K-12 youth. Each year the PEYA program honors a wide variety of projects developed by young individuals, school classes (kindergarten through high school), summer camps, public interest groups, and youth organizations to promote environmental awareness. Recent award-winning student projects included forming recycling programs for pencils and books, starting an environmental news YouTube channel, and creating a better method to protect migratory birds from airplanes. Projects need an adult sponsor. Talk to your students today about submitting their work. Deadline: **March 1**.

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

[The EMC Environmental Excellence Awards Program](#) recognizes exceptional projects carried out by municipal and non-profit organizations in Erie County that stand to have a significant and lasting positive impact on the natural environment. The awards program 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. Deadline: **March 15**.

[Green Difference Maker Award](#) -Project Green Schools honors and recognizes Outstanding National Environmental Education & STEM Education efforts led in our Schools & Communities at our Annual Green Difference Awards. Deadline: **March 22, 2018**.

[Apply to Become a 2018 U.S. Department of Education Green Ribbon School](#)-The U.S. Department of Education invites state education authorities to nominate schools, districts, and postsecondary institutions for U.S. Department of Education Green Ribbon Schools (ED-GRS) 2018. Deadline: **March 31, 2018**.

[The Biomimicry Global Design Challenge](#) is an annual team competition that focuses on addressing critical sustainability issues with nature-inspired solutions. This year's focus is on climate change. Deadline: **May 1, 2018**.

[The Gloria Barron Prize for Young Heroes](#) honors outstanding young leaders ages 8 to 18 who have made a significant positive impact on people, their communities, and the environment. Each year, up to 20 winners each receive \$10,000 to support their service work or higher education. <http://www.barronprize.org/>. Deadline: **April 15**.

Grant and Scholarship Opportunities

[2018 Healthy Watersheds Consortium Grant Program](#)- Funding Watershed Action Projects, Watershed protection capacity and Advancing the state of practice - Awards new experimental technologies, methods, strategies, or approaches to incentivize watershed protection that can be scaled to a broader level. Awards may not be used for lobbying or political advocacy. At least a 25% in-kind match is required. Deadline: **February 1**.

[The North American Pollinator Protection Campaign](#) (NAPPC) is seeking proposals for research related to improving the health of honey bees. Proposals should focus on research to manage, suppress, and eradicate Varroa mites, small hive beetles, and other pests, pathogens, and diseases contributing to colony losses. Deadline: **February 2**.

[Project Orange Thumb](#)-The Fiskars Project Orange Thumb Grant Program will grant 30 recipients \$3,500 in gift cards and tools to help support their goals of neighborhood beautification and horticulture education. The garden initiative must be for a not-for-profit or 501(c)(3) organization within North America that has not received a Project Orange Thumb grant in the past. The Project Orange Thumb team looks for organizations committed to the long-term success of gardens. Deadline: **February 2**.

[Urban Environmental Education Centers](#)-To help community-based organizations in their efforts to educate residents on environmental issues. Centers will explore a broad range of topics such as urban ecology, environmental justice challenges, green technology, and urban environmental sustainability. Grant # DEC01-EJ-2017. Deadline: **February 2**.

[Beginning Farmer and Rancher Development Program](#) (BFRDP) – the only USDA program specifically dedicated to training the next generation of farmers. BFRDP is entering its ninth and final annual round of grant funding before its authorization expires next year. BFRDP will need to be reauthorized in the 2018 Farm Bill in order to offer additional grant funding beyond FY2018. Deadline: **February 8, 2018**.

[Enhancing Agricultural Opportunities for Military Veterans](#) (AgVets) – a new grant program offered for the first time this year that provides grants to non-profit organizations for training programs and services to establish and enhance farming and ranching opportunities for military veterans. . Deadline: **February 8, 2018**.

[Fiskars Project Orange Thumb](#)—Nonprofits located in the US and Canada. Projects within communities who are working on collaboration, neighborhood beautification, and healthy, sustainable food sources. Deadline: **February 9**.

[Resilience and Durability to Extreme Weather Pilot Program](#)- U.S. Department of Transportation. Letters of Interest Deadline: **February 9, 2018**.

[Sustain Our Great Lakes](#)- will award grants to improve and enhance: 1) stream and riparian habitat; 2) coastal wetland habitat; and 3) water quality in the Great Lakes and its tributaries. Up to \$5.4 million is expected to be available for grant awards in 2018. The program is administered by the National Fish and Wildlife Foundation (NFWF). Pre-proposals deadline: **February 13th, 2018**.

[2018-19 Great Lakes Commission – Sea Grant Fellowship](#) -This fellowship focuses environmental and sustainability Deadline: **February 16, 2018**.

[EJ Collaborative Grants](#) - \$1.2 million is available for Environmental Justice Collaborative Problem-Solving (CPS) Cooperative Agreements. These funds will be distributed to 10 community-based organizations that work to address environmental justice issues nationwide. Each recipient receives up to \$120,000 for two-year projects that create self-sustaining, community-based partnerships that will continue to improve local environments in the future. Learn more about this opportunity and how to apply. Deadline: **February 16**.

[GRO1000 Grassroots Grants](#)-Grassroots Grants from The Scotts Miracle-Gro Company are awarded to local communities to help bring edible gardens, flower gardens, and public green spaces to neighborhoods across the United States. Any non-profit organization that is helping to foster community spirit and public service is eligible to apply for up to \$1,500 for community gardens and green spaces. About 120 grants are awarded each year in the U.S., plus additional grants in Canada and Europe. The majority of grants awarded are \$500. **Deadline: February 19**.

[New York State Wetlands Forum Research Grant](#)- supports candidates in independent research with a focus on wetland science. Through this grant program the Forum hopes that students (junior/senior undergrad or graduate student) may become enriched with knowledge, which will help them attain their career goals. Deadline: **February 19, 2018**.

[2019 National Sea Grant College Program Dean John A. Knauss Marine Policy Fellowship](#)- A fellowship for students interested in ocean, coastal and Great Lakes resource policy. Deadline: **February 23, 2018**.

[Conservation Innovation Grants](#)- administered by USDA's Natural Resources Conservation Service (NRCS) and provides grant funding for the development, application, and demonstration of innovative conservation technologies and approaches including pilot projects, field demos, and on-farm conservation research. Deadline: **February 26, 2018**.

[N.G. Kaul Memorial Scholarship](#)- In honor of the former Director of the Division of Water, up to \$5,000 in scholarships is available 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: **February 28, 2018**.

[HHW Assistance Grant for NY municipalities](#)-For those municipalities that wish to apply for a HHW assistance grant, applications will be accepted during January and February of each year for expenses incurred during the previous calendar year. Deadline: **February 28, 2018**.

[National Science Foundation Smart and Connected Communities](#) . The goal of the NSF Smart and Connected Communities (S&CC) program solicitation is to accelerate the creation of the scientific and engineering foundations that will enable smart and connected communities to bring about new levels of economic opportunity and growth, safety and security, health and wellness, and overall quality of life. Deadline: **February 28, 2018**.

[Solarize Campaign Projects](#)-NYSERDA funded community solar projects to bring solar customers together for economics of scale. Deadline: **February 28, 2018**.

[2018 Master Gardener College Scholarship](#)- All college-bound seniors who reside and attend school in Erie County are encouraged to apply. To be eligible for the scholarship, students must be accepted by a recognized, accredited college or university in New York State to study horticulture, botany or a related field. Related fields may include: agriculture, botany, entomology, environmental sciences and engineering, forestry, genetics, landscape design, sustainable agriculture, urban geography and urban planning. Deadline: **March 7th, 2018**.

[FY2018 NOAA Coastal Resilience Grants](#)- project proposals are being solicited for habitat restoration projects only. Mandatory pre-proposal deadline: **March 7, 2018**.

[Annie's Sustainable Agriculture Scholarships](#)-Open to undergraduate or graduate students studying organic and/or regenerative agriculture, Annie's is accepting applications for its scholarship program, which will grant \$20,000 in funding to 20 students. Deadline: **March 15**.

[Environmental Education Local Grants Program for Region 2](#)-to support locally-focused environmental education projects that increase public awareness and knowledge about environmental and conservation issues and provide the skills that participants in its funded projects need to make informed decisions and take responsible actions toward the environment. Deadline: **March 15, 2018**.

[Flame Challenge](#) challenges scientists at every level – from graduate students to senior researchers – to communicate familiar yet complex concepts in ways that are understandable to an 11-year-old. The [2018 challenge](#) asks, "What is Climate?" Deadline: **March 16**.

[Geothermal Clean Energy Challenge](#) provides New York facilities with the opportunity to apply for an analysis to determine whether their buildings are best suited for the installation of geothermal pumps for heating and cooling of buildings, by transferring heat to or from the ground. **Eligible entities:** State and local governments, K–12 schools, colleges and universities, healthcare organizations. **Applications are being accepted on a first-come, first-served basis until 75 sites are successfully enrolled in the program or March 30, 2018, whichever occurs first.**

[NOAA Environmental Literacy Grants](#)- to support the education of K-12 students and the public so they can help make their community more resilient to extreme weather events and/or other environmental hazards, and become involved in achieving that resilience. Project topics must relate to mission of the National Oceanic and Atmospheric Administration (NOAA) in the areas of ocean, coastal, Great Lakes, weather, and climate sciences and stewardship and should focus on one or more of the goals of NOAA's Next Generation Strategic Plan: healthy oceans; weather-ready nation; climate adaptation and mitigation; and resilient coastal communities and economies. For more information, visit the [funding opportunity description](#). **Deadline: April 6, 2018**

[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.**

[Project Produce: Fruit and Veggie Grants for Schools](#)-designed to help increase kids' access to fresh fruits and vegetables and create experiential nutrition education when and where students make their food choices: in the cafeteria. The \$2,500 one-year grants support food costs to incorporate school-wide fruit and vegetable tastings into the school's nutrition program. Grants will be determined on an ongoing basis depending on available funding.

[Industrial Hemp Processing Grant Fund](#)-New York State has also allocated up to \$5 million for grants for machinery and equipment required to process industrial hemp for commercialization in New York. Grants may provide a minimum of \$50,000 and a maximum of \$500,000 for up to 50% of total project costs supporting capital investments. To be eligible, the facility must be located wholly in New York State which processes industrial hemp for commercialization.

[NIEHS Conference Grants](#)-The mission of the National Institute of Environmental Health Sciences (NIEHS) is to discover how the environment affects people in order to promote healthier lives. The NIEHS Conference grant program is considered an integral part of the overall mission of the Institute; thus it is critical that all conference grant applications have a direct relationship to advancing the mission of NIEHS. In order to be responsive, all conference grant proposals must focus on or clearly indicate relevance to advancing our understanding of the role of environment and/or gene-environment interactions in disease/dysfunction. **Deadline: Rolling.**

[Youth Pollinator Gardens Grant](#)- up to \$200, are available for projects that include educational materials on the vital role pollinators play in nature and youth involvement in planning and planting gardens providing nesting and food sources for pollinators. Youth will learn the importance of providing appropriate food sources, nesting areas, shelter, and practicing sustainable gardening practices for pollinators by planning, planting, and maintaining these pollinator gardens. To apply for a grant, complete an NGC Grant Application, provide detailed information about the project, and submit your request to the NGC Youth Committee Chairman for approval.

[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.**

[Cornell Douglas Foundation](#)- Its mission is to provide small grants to organizations which promote the vision of the foundation: advocating for environmental health and justice, encouraging stewardship of the environment, and furthering respect for sustainability of resources. **Deadline: Rolling.**

[Saving Species](#)- We help local conservation groups purchase land for conservation and habitat restoration, and may consider projects for restoration of habitat on land that is within an existing protected area. We maximize our effectiveness by providing grants for the purchase and restoration of land that connects existing habitat fragments, or that prevents isolation of habitat that would otherwise continue due to habitat loss. **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. 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.**

[Doris Duke Environment Program Grants](#)-For Nonprofits registered and working in the US. Permanent land protection (i.e., the acquisition of conservation easements or fee title interests to secure high-priority sites), management of lands already in protected status, and more. **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. 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.

[Home Depot Community Impact Grants](#)-Grants, up to \$5,000, are available to non-profit organizations and tax-exempt public service agencies in the U.S. that are using the power of volunteers to improve the physical health of their community. Grants are given in the form of The Home Depot gift cards for the purchase of tools, materials, or services.

[The Pollination Project](#) seeks to unleash goodness and expand compassion all over the world. We make daily seed grants to inspiring social change-makers who are committed to a world that works for all. We support passionate, committed people with an early-stage social change vision. We fund individuals and community groups, and you do not need to be a registered or established organization to apply.

[Shell Foundation Grant](#)—Programs that restore critical ecosystems, address water, air quality research, preserve wetlands and sponsor wetlands initiatives. Deadline: **Rolling**.

[Fluor Foundation Grants](#)—Nonprofits and academic institutions. Projects promoting responsible stewardship of the environment and supports organizations that protect natural resources and habits through conservation, restoration and beautification, and environmental education. Deadline: **Rolling**.

[Disney Conservation Fund: Rapid Response Grants](#)—Nonprofits and academic institutions located in the US. Projects which help animals during emergencies and natural disasters through its Rapid Response Fund. Deadline: **Rolling**.

[Patagonia Environmental Grants](#)- We are most interested in making grants to organizations that identify and work on the root causes of problems and that approach issues with a commitment to long-term change. Because we believe that the most direct path to real change is through building grassroots momentum, our funding focuses on organizations that create a strong base of citizen support. Deadlines: **April 30 and August 31**.

Employment and Internship Opportunities

[Buffalo Audubon Executive Director](#)-Primary responsibilities include implementation of the strategic plan, staff development and supervision, financial management, fundraising, public relationship, program development, site management and evaluation. Deadline: **January 15, 2018 or until filled**.

[Landscape Designer Planner](#)-Buffalo Niagara Waterkeeper position. Deadline: **January 15, 2018 or until filled**.

[SNAP-Ed Nutritionist](#)-Cornell Cooperative Extension of Niagara County has an opening for a full-time Supplemental Nutrition Assistance Program Nutrition Education and Obesity Prevention (SNAP-Ed) Nutritionist that will primarily be responsible for delivery of established SNAP public education programming to improve healthy food and lifestyle choices among families and individuals encompassing all age groups throughout the Western SNAP Region and Niagara County. This position will also assist with marketing efforts for SNAP programming in collaboration with other nutritionists in the SNAP region. Deadline: **February 5**.

[Youth Education Director](#)-MAP is THE place to get involved in addressing food insecurity issues in Buffalo! And NOW is the time to get involved! As a key member of our team, the Growing Green Youth Education Director, will be responsible for coordination of all youth job training, education and support services, and will work closely with program staff to involve in hands-on learning in sustainable food production and marketing, organizing and civic engagement, cooking, nutrition, microenterprise development, and youth development and leadership education. This is a full-time salaried position with benefits. Deadline: **February 9**.

[2018 – WNY PRISM Education and Outreach Assistant – Buffalo — A Sponsored Program of The Research Foundation for The State University of New York](#)-The WNY PRISM Education and Outreach Assistant will work closely with WNY PRISM Coordinator and Partners to implement and expand our education, outreach and volunteer programs. Late May to early September position. Deadline: **March 2**.

[2018 – WNY PRISM Invasive Species Management Assistant – Buffalo — A Sponsored Program of The Research Foundation for The State University of New York](#)-The WNY PRISM Invasive Species Management Assistants (2) will work with WNY PRISM Project Manager and Partners to implement invasive species prevention, early detection, management, and habitat restoration projects within the 8-county WNY PRISM region. The selected candidates will conduct invasive species surveys and assessments using iMapInvasives, assist Partners with priority invasive species removal and restoration projects, provide project reports, and assist with outreach events such as tabling at farmers' markets and festivals. Invasive species removal efforts will include use of both manual and chemical (herbicide) methods. In addition, Invasive Species Management Assistants (ISMA) will assist with development of WNY PRISM resource and educational materials, as needed. This is primarily a field position and the selected candidates can expect to spend the majority their time working outdoors and in remote locations. Late May to early September position. Deadline: **March 2**.

Aquatic Invasive Species Strike Team – 3 positions (crew members) seasonal employment (late May to mid-November) at DeVeaux Woods State Park, Niagara Falls, NY. Requires overnight travel and camping. For information, contact Logan West at Logan.West@parks.ny.gov. Deadline: **March 2, 2018**.

[FoodCorps service member](#) - Opportunities in New York City as well as many other cities. FoodCorps AmeriCorps service members work with schools, local organizations, and communities to build healthy school food environments. Here's what they do: Hands-on learning: Teach students to grow, cook, and taste new foods, building their skills and helping them fall in love with fruits and veggies; Healthy School Meals: Cultivate a cafeteria experience that steers students toward the healthiest options and gets them excited to try new foods and Schoolwide Culture of Health: Collaborate with the school community to ensure that the whole school environment—from hallways to classrooms to cafeteria to grounds—celebrates healthy food. Deadline: **March 15**.

[Team Manager- Excelsior Conservation Corps \(ECC\)](#) is looking for a to supervise seven staff and up to 50 members working on environmental stewardship projects in other parts of the state. The ECC, an AmeriCorps program, trains New York students between the ages of 18 and 25, to work on environmental stewardship projects that protect natural resources on public lands held by DEC and the NYS Office of Parks, Recreation, and Historic Preservation. Optional onsite housing is available.

[Voice Buffalo Community Organizer](#)- VOICE is faith-based community organizing project dedicated to building the civic capacity of ordinary people and equipping them to address social, racial, and economic justice issues through leadership development, negotiation, direct action and coalition building. VOICE is a multi-racial and multi-faith federation of over 50 member congregations and community organizations from Buffalo and Erie County. Our current organizing work includes creating alternatives to arrest and decreasing mass incarceration, creating greater workforce diversity and ownership of businesses from People of Color, addressing economic disparities, and working to improve the quality of life for Buffalo residents. Deadline: **Open until filled**.

[Organizer for Grassroots Development](#)-The Clean Air Coalition builds power by developing grassroots leaders who organize their communities to run and win environmental justice and public health campaigns in Western New York. The Organizer for Grassroots Development is responsible for working with Clean Air's base and constituency to expand our grassroots fundraising program, build and sustaining relationships with members, leading teams dedicated to resourcing organizing campaigns, and maintaining day-to-day operations of the office.

[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.

[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/Americorps](#)-Opportunities for paid community involvement. Check out the available opportunities and eligibility. Some positions are summer only, so apply now.

[Sustainable Initiatives Manager at RIT](#)-Fifty percent of this job will be developing and implementing behavior change programming that will engage campus stakeholders in RIT's sustainability and conservation goals. The other fifty percent of this position will be providing administrative support to the senior sustainability advisor including management of budgets, communication platforms, coordination of event logistics and meetings, student supervision, development of visual programming materials, and data collection for STARS and other sustainability reports.

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. Throughout February, representatives from the Roger Tory Peterson Institute (RTPi), Jamestown Community College (JCC) and Chautauqua Watershed Conservancy (CWC) will collaboratively survey a number of sites within our area for the presence of HWA, and they are looking for volunteer 'Citizen Scientists' to contribute to these important efforts. Visit our [website](#) for the complete survey

[Ticks and Project Acari](#)- a new citizen science project tracking tick disease. We are studying the ticks themselves, as well as how other factors, like climate change and the tick's microbiome, may affect the risk of tick diseases. Ticks carry over 20 different known diseases that affect hundreds of thousands of humans and our pets, and there may be more we haven't discovered yet. As global temperatures rise, these diseases are spreading. You can help! Send us the ticks you find in your neighborhood. By testing the DNA of ticks from across the United States, we can build the most complete map yet of how these diseases are affecting ourselves and our pets. To find out more, and to get a free, easy-to-use kit, please visit www.projectacari.org.

[Bumble Bee Watch](#) is a collaborative effort to track and conserve North America's bumble bees. Individuals upload photos of bumble bees to start a virtual bumble bee collection; Identify the bumble bees in your photos and have your identifications verified by experts; Help researchers determine the status and conservation needs of bumble bees; Help locate rare or endangered populations of bumble bees; Learn about bumble bees, their ecology, and ongoing conservation efforts; and Connect with other citizen scientists.

Upcoming Community Activities:

Thursday, February 1

PLANT WNY CNLP Day: Horticulture 101 & Education Trade Show Conference - Salvatore's Italian Gardens Restaurant 6461 Transit Rd Depew, NY 14043. Contact : PLANT WNY (716) 741-8047 or [brochure](#)

Postcards for the Planet-7-9pm at Spot Coffee,765 Elmwood Ave., Buffalo. Let's make our voices heard regarding the current rollback of vital environmental protections. Materials and ideas will be provided. Check Events at niagarasierraclub.com for any changes and further dates. During this first session we will focus on writing comments regarding a proposal to roll back regulations for offshore drilling in our coastal waters. Suggested comments and information will be available. Bring along any ideas for future sessions. Please feel free to join us for all or any portion of the time from 7-9 pm.

After-School Escape-4:30 to 5:30pm. 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.

Business Planning for Beginning Farmers- 6 to 8 p.m. at the Frank Bratt Agricultural Center, 3542 Turner Rd., Jamestown. Part of [2017-2018 L.E.A.F. \(Learn. Empower. Achieve. Farm.\) Workshop Series](#). This seminar introduces the new farmer to the basic format and concepts expected in a business plan. In addition to the actual farming, a farm operation requires management, record keeping, taxes, financing, marketing, permits, competition analysis and research. Research is ongoing for suppliers, competition, new products and services, resources and most importantly – customer needs. Once your farm is established, you can revisit each area for improvements on a regular basis. It's your business so make it the best it can be. Don't underestimate the importance of planning. While it is possible to start with minimal planning, successful businesses typically have a plan, know their market, their customers and have a good understanding of the financial requirements of the business. A farm business plan is also necessary in most instances when seeking financing. This workshop will be taught by Scott Miller, business advisor with the Small Business Development Center at Jamestown Community College who has had several years of experience working with beginning farm business owners in our area. The cost is \$5 per family. Pre-registration is required prior to the workshop to allow for adequate time to prepare printed resources and materials. To register, email kaw249@cornell.edu, or call 716-664-9502, ext. 202.

Orchard Park Garden Club: Native plants, invasive species-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 "Native Plants & Invasive Species." A speaker from Reinstein Woods in Cheektowaga will present a talk/slide show on native plants & invasive species with information to be distributed.

Friday, February 2

PLANT WNY Education Trade Show Conference - Salvatore's Italian Gardens Restaurant 6461 Transit Rd Depew, NY 14043. Contact : PLANT WNY (716) 741-8047 or [brochure](#)

Buffalo Geological Society Meeting - 7:30pm at 100 Lee Street features William and Kristen Parsons speaking about the discovery of a well-preserved embryo of the raptor dinosaur, *Deinonychus* found in Montana. Rescheduled from canceled January meeting.

Saturday, February 3

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 Friends of Reinstein members. 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. Reinstein Woods Nature Preserve.

Snowshoeing & Cocoa-10am to 1pm at [Darwin Martin House State Historic Site](#). Borrow a pair of our snowshoes for a trip through Delaware Park and finish the trek at the Martin House for some hot cocoa! Afterwards participants have the option of taking a tour of the beautiful house. FREE for snowshoeing and hot chocolate. Optional Darwin Martin House tour \$10 a person. ***For information & registration call (716) 549-1050.***

Superb Owl Saturday – 2 to 5pm at Beaver Meadow Audubon Center. Join us for a live owl presentation, crafts, owl pellet dissection, trading card exchange and more during our all day celebration of Owls! Vote throughout the day to determine this year's Superb Owl! Pre-registration is required. \$5. Indoor program. To register, call (585) 457-3228.

Owl Prowl – 6 to 8pm. Finish off Superb Owl Saturday with a nocturnal hike with Buffalo Audubon Naturalist Tom Kerr. We'll search for the Eastern Screech-owls and Barred Owls that make their home at Beaver Meadow Audubon Center. Pre-registration is required. \$7. To register, call (585) 457-3228.

Making Valentines w/ Caesandra Seawell-3pm. Make your loved ones a special valentine using antique and modern materials. Urban Roots workshop in collaboration with Grass Root Gardens of WNY. Call the store @ [716-362-8982](tel:716-362-8982) or email us @ info@urbanroots.org to secure your spot as space is limited. All classes are FREE except where noted.

Electronics Recycling Day- East Aurora Rotary Club's Electronic Recycling Day from 9:30am - 1pm. [Parkdale Elementary School](#), 141 Girard Ave, East Aurora, New York 14052 For acceptable materials: [list](#)

Permaculture of Greater Buffalo: tour of kombucha brewery -11am to noon at Bootleg Bucha, Buffalo New York

WNY Hosta Society-Breakfast at 10 a.m. at the Forest View Restaurant, 4781 Transit Rd., Depew. This is a social get together. You buy your own breakfast. To get the conversation flowing, take something that can be passed around the table. Please RSVP to Mike at 941-6167 or H8staman@aol.com.

Building a Healthy Buffalo & WNY Community Panel & Discussion- featuring Dr. Kate Kraft, CEO [America Walks](#), 9:15-2pm at St. Teresa Parish Center; 1974 Seneca St, Buffalo, NY 14210. Cost: FREE. Register at <https://www.eventbrite.com/e/building-a-healthy-buffalo-and-wny-tickets-42044433031>

Clean Air Coalition Annual Meeting-11am to 1:30 p.m at the Buffalo Employment and Training Center, UB Gateway Room, 77 Goodell St. in Buffalo. To celebrate these successes and prepare for another year of smart, grassroots organizing. Our membership and partners from across the region will come together to learn from each other, and share their successes and challenges from the past year. Our meeting is open to anyone who wishes to attend, however only members are able to vote on this year's incoming board of directors. Info- call our office at 716-852-3813.

Winter Tree ID Hike at Niagara Escarpment Preserve-10am to noon. Bundle up and join us for a winter walk at the Niagara Escarpment Preserve in Lockport and learn how to identify our region's trees in the wintertime. Led by guest guide and tree expert, Erik Danielsen; register online by clicking below or call [\(716\) 687-1225](tel:716-687-1225). There are only a few slots left. [Register](#)

Robotics Workshop-1 to 3pm. Join us for a workshop on basic robotics. Students will learn how to make a table top robot move and sense its environment. We will explore basic electronics and prototype circuits. We will also use the Arduino programming language to do beginner level coding including input, output, looping and variables. The Sensational Saturday Series at NYPA's Niagara Power Vista is presented by WNY STEM Hub and Mission Ignite: Powered by Computers for Children. 716-286-6661. 5777 Lewiston Rd., Lewiston. Free of charge, Registration preferred, please reserve a spot via email: npvista@nypa.gov, Suitable for kids in grades 5-8.

Free snowshoe demo-12 to 4pm at Royalton Ravine. Instead of watching the winter months pass by from your windows learn to enjoy the winter and what mother nature has to offer. Snowshoeing is a fun activity for all ages. Snowshoeing makes exploring terrain as easy as walking in the summer time. Come out and try snowshoeing with the instructors and guides from Paths, Peaks & 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 have the opportunity to take a short tour in the park so you can experience how to walk with snowshoes. This free event will run from 12:00 PM to 4:00 PM. Dress for the weather. [Contact us](#) if you have any questions.

Sunday, February 4

GObike Buffalo Community Workshop - 6-8 pm, Class: Drivetrains. What's the difference between a fixed gear and a freewheel? Gear ratios? Sounds like math. Why does my chain drop every time I downshift to climb a hill? We have the answers! Join us for hands-on learning and discussion of different crank types, chain sizes, cassettes, freewheels, derailleurs and shifting. *Cost for classes is \$10 and most sessions are limited to 10 people. Please RSVP to stacy@gobikebuffalo.org at least TWO days prior to class if you plan to attend.*

WNY Iris Society: "Iris Love Company"- 2 p.m. in the Lancaster Public Library, 5466 Broadway, Lancaster. Brenda Fox from the Greater Rochester Iris Society will present the program. She is a garden photographer and gardener from East Pembroke. All are invited and welcomed to attend the program.

Monday, February 5

Budding Naturalists-9:00am - 11:30am at Tifft Nature Center. Our Reggio Emilia-inspired drop-off early childhood program and dedicated classroom will nurture your child's sense of wonder and curiosity for nature while encouraging physical, cognitive, social and emotional development. Attend one or two days per week. Advance [registration](#) required. Call 716.896.5200 x204 for more information. Ages 3-5.

Tuesday, February 6

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>

"A Photo Garden Tour of Chanticleer Gardens,"-Genesee County Master Gardeners talk from 12:15 to 12:45 pm. at the Cooperative Extension office, 420 E. Main St., Batavia. Take your lunch. The series is free. Registration is not required. Get rid of the winter blues with a look at Chanticleer's spectacular gardens, described as "America's most inspiring garden." Located outside of Philadelphia, Chanticleer is a colorful, contemporary garden within a historic setting. Adolph Rosengarten, Jr. bequeathed the family estate for the enjoyment and education of the public following his death in 1990. The garden opened to the public in 1993.

Social Media Marketing for Farms: Getting Started- 6 to 8 p.m. at the Frank Bratt Agricultural Center, 3542 Turner Rd., Jamestown. It is presented by [Cornell Cooperative Extension of Chautauqua County](#)'s Agriculture Program as part of their [2017-2018 L.E.A.F. \(Learn. Empower. Achieve. Farm.\) Workshop Series](#). Social media has become the fastest, easiest way to stay connected to your customers and tell your story, but it can be hard to know where to begin. This seminar is geared towards participants who want to learn more about marketing their farm or farm business through social media and will detail the basics of Facebook, Instagram and Twitter, how to set up social media for a farm or small business and how best to tell each unique story to connect with customers and the community. The cost is \$5 per family. Pre-registration is required prior to the workshop to allow for adequate time to prepare printed resources and materials. To register, email kaw249@cornell.edu, or call 716-664-9502, ext. 202.

Buffalo Air Barrier Symposium-9am to 4pm. \$20 for members, \$30 for non-members, \$10 for AIAS. Registration is required to attend. [Register here](#). University at Buffalo South Campus 3435 Main Street, 301 Crosby Hall, Buffalo, NY. Educational credits available.

Wednesday, February 7

The Dynamic World beneath the Snow-1 to 2pm. Buffalo Audubon Naturalist Mark Carra will take you to the fascinating world that goes on beneath your feet at Beaver Meadow. We'll begin inside to learn the facts about life under the cover of snow then hike outside to look for signs of life. We will either walk or snowshoe depending on the weather conditions. Pre-registration is required. \$5. To register, call (585) 457-3228.

GBNRTC Monthly Meeting-Public welcome. 9:30 to 11am at City Hall, Buffalo. All are invited to attend Planning and Coordinating Committee (PCC) Meetings to discuss transportation events, planning initiatives, and projects with [GBNRTC Member Agencies](#).

Budding Naturalists-9:00am - 11:30am at Tifft Nature Center. Our Reggio Emilia-inspired drop-off early childhood program and dedicated classroom will nurture your child's sense of wonder and curiosity for nature while encouraging physical, cognitive, social and emotional development. Attend one or two days per week. Advance [registration](#) required. Call 716.896.5200 x204 for more information. Ages 3-5.

Buffalo Talks: Adaptive Reuse of the former Women and Children's Hospital -noon to 1 pm at Erie County Main Library! Women and Children's Hospital of Buffalo has completed the successful relocation to become the Oishei Children's Hospital. What's next for the former hospital site? Join a member of the development team, Sinatra & Company Real Estate and Ellicott Development Company, to hear more about plans for reuse. Guest Speakers: Nick Sinatra, President and Founder, Sinatra & Company Real Estate, and Tom Fox, Director of Development, Ellicott Development Company. [Reserve your space today!](#)

Thursday, February 8

After-School Escape-4:30 to 5:30pm. 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 -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 <https://explorebuffalo.org/speaker-series-2/>. Topic: Adaptive Reuse & Buffalo and Re-Imagining Transportation.

Vegetable Fertility Considerations for Season Extension- 6 to 8 p.m. at the Frank Bratt Agricultural Center, 3542 Turner Rd., Jamestown. It is presented by [Cornell Cooperative Extension of Chautauqua County's](#) Agriculture Program as part of their [2017-2018 L.E.A.F. \(Learn. Empower. Achieve. Farm.\) Workshop Series](#). This workshop is for farmers interested in pushing their fruits and vegetables further with season extension techniques. Mulch, low tunnels, high tunnels and greenhouses all can increase yield and harvest window, but require a different fertility approach. In this session, we will discuss how to provide adequate nutrients to your crops without overloading the soil. By taking a balanced approach we can assure long-term, high yielding soils. Nitrogen, phosphorus, potassium and more. The cost is \$5 per family. Pre-registration is required prior to the workshop to allow for adequate time to prepare printed resources and materials. To register, email kaw249@cornell.edu , or call 716-664-9502, ext. 202.

Beakers and Beer-5 to 7pm at Buffalo Niagara Medical Campus. Open to all, RSVP at www.bnmc.org/beakers UB Bioinformatics and Life Sciences, 701 Ellicott St., Buffalo.

WNY Herpetological Society Meeting- at the Julia Boyer Reinstein Library at 7 pm. Please check out or facebook page <https://www.facebook.com/wnyherpsociety/> for updates on meetings and possible date changes. We are looking forward to meeting you.

Integrated Design for Low-Slope Roof System Performance-5:45-6:45 at Big Ditch Brewery, 55 E. Huron, Buffalo. This course will discuss design considerations of combining multiple roofing components and their impact on long term system performance. Roofing membranes, methods of attachment, and deck options will be reviewed from both a cost and performance perspective. Understanding how integrated design decisions affect the installation and performance of a low-slope roof system will result in specifications with fewer change orders, more accurate bids, and improved long-term performance. AIA LUs available: 1 HSW. This event is free, but registration is required to attend. [Register here.](#)

Science After Hours: Science of Attraction-Ages 21+ from 07:00pm - 09:00pm at the Buffalo Science Museum. Examine love in the natural world! University at Buffalo's Dr. Lance Rintamaki talks science of sex communication and the dynamics of social attraction and communication between sexual partners, including biological, socio-cultural and mediated variables that affect sexual attitudes, beliefs and behaviors. Cost: \$16. <https://13520.blackbaudhosting.com/13520/Science-After-Hours-Science-of-Attraction>

Affordable Housing for all in Buffalo: A Panel Discussion- 6-7:30 pm. Hosted by Assemblymember Sean M. Ryan, 149th District. What does affordable housing look like in Buffalo and New York State in the next 10-20 years? Madonna Lounge in Madonna Hall - D'Youville College, 334 Porter Ave., 14201

Friday, February 9

South Town Gardeners- meet at 9:30 a.m. at the West Seneca Senior Center, 4620 Seneca St., West Seneca. After a short business meeting where programs for the coming year are discussed, the club will travel to the Snail's Place in Elma where Carol Melnik will give a program on a hint of spring. Guests and new members are welcome. Get more information at 668-0209.

Buffalo Astronomical Association Meeting-7:30-10pm at Buffalo State College, Classroom Bldg C122, Ketchum Hall, 1300 Elmwood Ave. Free.

Behind-the-Scenes Collections Tour (Adults Only): Geology Rocks!-10:00am - 12:00pm at the Buffalo Science Museum. Holmes! What kind of rock is this? Sedimentary, my dear Watson. Learn why this and other CoRn Y jokes are funny by investigating the Museum's Geology Collection. What you see on display is just the tip of the iceberg. Come behind the scenes and see the rock cycle, marvel at our minerals and discover our large fossil collection. Ages: adults 18+, Cost: \$25 non-members, \$15 BMS members. Registration deadline: one week in advance. <https://13520.blackbaudhosting.com/13520/Behind-the-Scenes-Collection-Tour-Geology-Rocks-09Feb2018>

Saturday, February 10

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, winter crafts for kids, and more! Refreshments for sale. For more information, visit www.reinsteinwoods.org or call 716-683-5959. No registration required. Reinstein Woods Nature Preserve.

Forest to Lake Snowshoe Hike at Evangola State Park-10am to noon. Explore nature's outdoor wonders snowshoeing the park's forested trails and ending with a look at Lake Erie's famous Ice Volcanoes! Snowshoes will be provided. *For information & registration call (716) 549-1050.*

Architects Ski Day-Join the Construction Specifications Institute (CSI) and Buffalo Architecture Foundation at Holiday Valley. Fundraising at the event will benefit BAF's educational programs, like Architecture+Education, our Native American Program and more! Don't let the name fool you: you don't need to be an architect OR a skier to attend! <https://architectskiday.com/>.

Ecokids: Why is it still snowing?-11:00 a.m. – 12:30 p.m. at DeVeaux Woods State Park. A program geared for pre-school & early elementary students! Once a month, each will involve an exploratory hike along with a book reading and a craft. We hope you and your little ones can join us for one or more of these fun classes. *Call (716) 282-5154 to register for any of these. Why is it still snowing?*-Snowflakes, snow forts, snow balls, snowmen... It may be cold but little is as much fun in the winter as SNOW! Come join us for a story, craft and hike to celebrate this frozen entertainment.

Everything Snowshoes – 10am to noon at Beaver Meadow Audubon Center. Where were snowshoes invented and when? Why are there so many different designs? Buffalo Audubon Naturalist Mark Carra will attempt to answer these questions then take you out for a hike on modern snowshoes to show just how efficient they are as winter transportation. Pre-registration is required. Donation includes use of a pair of snowshoes. \$5. To register, call (585) 457-3228.

Junior Audubon Club : Make a Birdfeeder – 10am to noon. Bring three identical beverage containers and join Buffalo Audubon Naturalist Tom Kerr at Beaver Meadow to turn them into a birdfeeder for your backyard friends! A limited amount of supplies will be available for those who can't find their own materials. Pre-registration is required. Ages 6-12. Donations gratefully accepted. Indoor program. To register, call (585) 457-3228.

Snowy Owl Irruption – 2 to 4pm. Snowy Owls migrate south into the United States each winter, but every few years they come our way in increased numbers called an irruption. Join Buffalo Audubon Naturalist Tom Kerr at Beaver Meadow Audubon Center to learn about Snowy Owls and find out what causes this extraordinary event. Pre-registration is required. \$5. Indoor program. To register, call (585) 457-3228.

Native Plants w/ Ken Parker-2pm. Renown educator and nurseryman Ken Parker will bring his knowledge and insight on the importance of native plants and their place in our gardens. Urban Roots workshop in collaboration with Grass Root Gardens of WNY. Call the store @ [716-362-8982](tel:716-362-8982) or email us @ info@urbanroots.org to secure your spot as space is limited. All classes are FREE except where noted.

Candlelight Valentine Hike-6 to 7:30pm at Tiff Nature Preserve. Grab your favorite someone and enjoy the crisp night air while we stroll through Tiff's trails by candlelight and end with a hot cocoa bar in Tiff's cozy Education Center. Advanced registration required. Snowshoe rentals are additional \$2 per person, weather permitting. Cost: \$8 per participant. BMS Members save 10%, Ages: 18+. [register](#)

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. \$7 members, register at <http://earthspiritedu.org>

Animal Tracks Snowshoe Tour at DeVeaux Woods State Park -10am. Niagara Falls, NY, Join Buffalo Niagara Waterkeeper on a free tour and enjoy the winter weather! *Pre-registration required. Free snowshoe rentals available at time of registration.* [Click Here For More Tours And Registration.](#)

Rocket Mass Heaters-Permaculture of Greater Buffalo will meet from 1:30 to 3:30 p.m. at the LaSalle Public Library, 8728 Buffalo Ave., Niagara Falls to learn about these efficient kinds of heaters. The founder of the group, Brett Andrzejewski, will teach the theory behind rocket mass heaters and batch boxes for this meetup. It will cover some fascinating topics such as heat transfer, combustion, and rocket mass heater/batch box construction. He will present the material via a PowerPoint presentation on a large display TV. The graphical presentation really helps as pictures are worth thousands of words. Classes for rocket mass heaters are often very expensive (\$500 per person is typical). Andrzejewski would like to donate his time and effort toward this project and the group. Donations to him for this informational meetup will be re-invested in this Permaculture meetup (subscription costs) and materials (refractory bricks, refractory cement, insulation, ducting, etc.) for the second portion of the class.

Snowshoeing and Yoga at Kenneglenn-10am to 2pm. To help you stay warm and active this winter, the Land Conservancy has teamed up with local yoga instructor Spencer Jones for a one-of-a-kind event at our Kenneglenn office in Wales. Kenneglenn Scenic and Nature Preserve is 131 acres with a gorgeous hemlock forest, gentle rolling hills, and spectacular views of Hunters Creek Gorge. Don't miss your chance to enjoy a 2-hour hike through the preserve, followed by a relaxing and invigorating 75 minute vinyasa yoga class inside our cozy, cabin-like office. Homemade chai tea and energy snacks will be provided for your enjoyment. If you think you will need a full meal you are welcome to bring one. Registration fee is \$30. Proceeds from this event will directly benefit the Land Conservancy and our mission. Space is limited and preregistration on Eventbrite is required. Be sure to dress in layers and bring snowshoes, a yoga mat, water, and last but not least - a smile. www.wnyc.org for registration link.

Explorers Story Hour-10am. Bring your little ones (ages 4-8, parent present) & join us for a fun-packed Explorers Story Hour! We'll read a book about architecture, engineering, or local history, followed by a STEAM-based craft activity. Youngsters are encouraged (but not required!) to bring their favorite explorer pal along with them, whether it's an American Girl doll, a stuffed animal, or an action figure. Explorers Story Hour will be held at the Explore Buffalo Learning Center inside First Presbyterian Church of Buffalo at One Symphony Circle, Buffalo, NY 14201. Parking is available in the church parking lot accessible from Pennsylvania Street. Reserve your spot (\$5 adult, kids free) https://explorebuffalo.vbotickets.com/event/Explorers_Story_Hour/24844

Java Script Workshop-1 to 3pm. Join us for a workshop to develop your own news story or game using the features of the Java Script programming language. Learn about Java Script which is a programming language that can talk directly to web pages. You will be able to create your story using video, graphics and audio and enjoy trying different things to how it turns out. The Sensational Saturday Series at NYPA's Niagara Power Vista is presented by WNY STEM Hub and Mission Ignite: Powered by Computers for Children. 716-286-6661. 5777 Lewiston Rd., Lewiston. Free of charge, Registration preferred, please reserve a spot via email: npvista@nypa.gov, Suitable for kids in grades 5-8.

Winter Birding-9am to noon at Cayuga Overlook (Rt 77), Iroquois National Wildlife Refuge. RSVP to Celeste Morien at celeste.morien@gmail.com. Free and open to the public.

Sunday, February 11

Go Bike Buffalo Workshop-“Fall and Winter Bike Maintenance”. If you've been riding in all conditions this winter, your bike definitely needs a little extra love and attention. Our workshop staff are ready to help keep you rolling! All classes are held at the GObike Community Workshop (98 Colvin Ave.) from 6 to 8 p.m. The fee for each class is \$10 and most classes are limited to 10 people. Please RSVP to stacy@gobikebuffalo.org at least TWO days prior to class if you plan to attend.

Woodland Winter Walk-10am to 12:30pm at [Knox Farm State Park](#). Embark on a woodland winter walk as we investigate animal tracks, admire 150 year-old trees, and discuss how the park's wildlife endures the winter months. *For information & registration call (716) 549-1050.*

Embroidered Rose Petal Valentine's Day Cards – 1 to 3:30pm. Using pre-pressed rose petals, makers will have a chance to learn a couple of embroidery stitches and create a beautiful one-of-a-kind handmade card for a loved one. Additional art supplies will be available to decorate cards with. Preregistration is required. \$10. Ages 14+ To register, call (585) 457-3228.

Valentine Showshoe Brunch at Bond Lake-11:00 am - 2:30 pm, \$25.00. 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 main breakfast (vegetarian mountain man breakfast will also be served), 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 \$25.00 (this includes your brunch and guided hike). If you do not have snowshoes and need to rent [contact us](#). Snowshoe rental with poles is \$10.00pp. Reservations are a must. If you have never snowshoed this is the time to come out and try it. Trails are easy to hike. Instructors and NYS Licensed Guides will accompany you on this hike. For further information [contact us](#).

Monday, February 12

Budding Naturalists-9:00am - 11:30am at Tiff Nature Center. Our Reggio Emilia-inspired drop-off early childhood program and dedicated classroom will nurture your child's sense of wonder and curiosity for nature while encouraging physical, cognitive, social and emotional development. Attend one or two days per week. Advance [registration](#) required. Call 716.896.5200 x204 for more information. Ages 3-5.

Sierra Club Niagara Group Climate and Energy Committee- 6:30pm at the Tri-Main Building Conference Room, [2495 Main St., Buffalo](#). Second Floor conference Room. Topics include: Further work on handouts for Sierra Club members on our initiatives and action opportunities, planning to meet with elected officials on pending state legislation and local climate initiatives, plan for opposition to fracked gas infrastructure, and an update on Zero Emission Bus project. All are welcome!

Tuesday, February 13

ADK Meeting –6:30 p.m 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: Nature in Winter We will explore some of the ways wildlife adapt to winter, wildlife signs you can spot while hiking, skiing and snowshoeing, and some of the best places to spot wildlife in winter. We will also explore ways to be more nature aware all year long with the science of phenology. We will meet in the community room adjacent to our main meeting room from 6:30 until 7:15. Please come prepared to learn and share your knowledge as well. 7:30: Ice Volcanoes: Dave McQuay, Naturalist, NY State Parks. Learn about Lake Erie ice volcanos which transform the winter ice into a bizarre lunar like ice scape of craters, cones, ice caves and ice sculptures! Along the lakes' shoreline large ice cones form and erupt through the ice volcano vents like geysers shooting water high into the air. Discover ice volcanoes and more with a power point spanning the last 10 years of Lake Erie ice formations. Question and answer period to follow.

Niagara Frontier Botanical Society Meeting- 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 (except April meeting). All General Meetings are open to the public and free of charge. “Seed Collection, Cleaning, and Storage for Restoration; A Puzzling Adventure in WNY”. Speaker Priscilla Titus is a member of the staff at the WNY Land Conservancy. She has previously been active as a board member of the New York Flora Assn (NYFA), is a NFBS member, and has previously spoken to us about her hunt for the rare Lileopsis plant (Parsley Family) in southeastern Arizona. She is currently working to collect local seeds as part of the Niagara Gorge restoration project.

SciNights: Romance In The Wild-6:30pm - 08:00pm. Join us on the 2nd Tuesday of the month at Tifft Nature Preserve for our new science discovery series for adults. Meet local nature-enthusiasts, share your interests and learn something new. Light refreshments included. The birds and the bees know what they're doing, but do you? Investigate how Buffalo's wildlife ensure the survival of their species through some hilarious games, trivia, food, and hands-on science fun! Pre-registration required. Cost: \$12 per participant. BMS Members save 10%, Ages: 18+. [register](#)

Social Media Marketing for Farms-6 to 8 p.m. at the Frank Bratt Agricultural Center, 3542 Turner Rd., Jamestown. It is presented by [Cornell Cooperative Extension of Chautauqua County](#)'s Agriculture Program as part of their [2017-2018 L.E.A.F. \(Learn. Empower. Achieve. Farm.\) Workshop Series](#). Social media marketing is much more than advertising an event or a product for sale: in this seminar, participants will learn how to create a conversation between customers and the farm or farm business, network with other farms, organizations or events and best use the unique features of several platforms to market to new audiences. This seminar is geared towards participants who are familiar with social media and may already have social media set up for their farm or business, but all are welcome. The cost is \$5 per family. Pre-registration is required prior to the workshop to allow for adequate time to prepare printed resources and materials. To register, email kaw249@cornell.edu, or call 716-664-9502, ext. 202.

Ken-Sheriton Garden Club- meet at 7 p.m. in St. Mark's Lutheran Church, 576 Delaware Rd., Kenmore. "Growing Your Own Plants from Seeds" will be presented by Linda Blyth, the co-owner of Song 'n Bird Gardens, editor of the Figure 8 newsletter and a gardener for over 30 years. She will explain how and why you would want to grow your own plants from seed. Everyone is welcome to attend.

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>

Wednesday, February 14

Valentine's Day Candle Lantern Walk-6:30 to 8pm at DeVeaux Woods State Park. Bring your family, friends, significant other or just yourself out for a fun-filled night. Sip some hot chocolate while making your own lantern then go enjoy a walk through the old growth woods. *For information & registration call (716)282-5154.*

Budding Naturalists-9:00am - 11:30am at Tifft Nature Center. Our Reggio Emilia-inspired drop-off early childhood program and dedicated classroom will nurture your child's sense of wonder and curiosity for nature while encouraging physical, cognitive, social and emotional development. Attend one or two days per week. Advance [registration](#) required. Call 716.896.5200 x204 for more information. Ages 3-5.

Alden Garden Club- 7 p.m. at the Alden Community Center, 13116 Main St., Alden. Jen Weber from [Mike Weber Greenhouses](#) will speak on "plugs."

Behind-the-Scenes Collections Tour (Adults Only): Cabinet of Curiosities-5 to 7pm at the Buffalo Museum of Science. Take a peek into the Vertebrate Zoology Collection's spine tingling Cabinet of Curiosities to explore the mind bending stories of some of nature's unique freaks, morbid mistakes and seemingly scientific impossibilities! We invite (dare) you to join us for a hair raising tour to get an eyeful of all this, and more... You truly never know what you might encounter in the Cabinet! Ages: adults 18+, Cost: \$25 non-members, \$15 BMS members. Registration deadline: one week in advance. <https://13520.blackbaudhosting.com/13520/Behind-the-Scenes-Collection-Tour-Cabinet-of-Curiosities-14Feb2018>

Buffalo Ornithological Society Meeting-7pm. in the Cummings Room of the Buffalo Museum of Science. Jajean Rose-Burney WNY Land Conservancy will focus on the Western New York Land Conservancy, our work to protect wildlife habitat, especially that of birds.

Hamburg Garden Club Membership Tea-noon at the Hamburg Community Center, 107 Prospect Ave., Hamburg. Liz Cecchettini, owner of Dandelion Rose Design, will give a presentation on the local history of quilts. She will display her quilt creations. Guests are welcome. Make a reservation by emailing lonabutler4@gmail.com.

Thursday, February 15

After-School Escape-4:30 to 5:30pm. 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.

Erosion and Sediment Control Workshops for Construction Site Contractors and Operators -8am to 1pm. All contractors and subcontractors working under the NYS Department of Environmental Conservation's (NYSDEC) Permit GP-0-15-002 (SPDES General Permit for Stormwater Discharges from Construction Activity), must identify at least one Trained Contractor from their company that will be responsible for implementation of the Stormwater Pollution Prevention Plan (SWPPP), and have at least one Trained Contractor perform a daily site inspection when soil disturbance activities are being performed. Also, developers must have a Qualified Inspector conduct regular site inspections in accordance with GP-0-15-002. All Qualified Inspectors and Trained Contractors must complete 4 hours of training in the principles and practices of erosion and sediment control through a program endorsed by NYDEC, SWCD or CPESC, Inc. every three years. Upon completion, each participant will receive a NYS DEC registration number that is valid for 3 years. Certified Professionals in Erosion and Sediment Control (CPESC), LA's and PE's are exempt from these training requirements. . Registration fee is \$95.00 per attendee and includes refreshments and all training materials. Attendees must pre-register by February 7. Please contact Don Stribick at (716) 652-8480 or don.stribick@ny.nacdnet.net to register for either of the workshops. Gateway Building, 3556 Lake Shore Road, Hamburg, NY 14219. Also check the NYSDEC website for more trainings and additional information at <http://www.dec.ny.gov/chemical/8699.html>.

Soil Health and Your Land Learning Circle - [Click here to register and for additional information.](#) [Livingston County Center for Emergency Operations and Training, 3360 Gypsy Lane, Mount Morris, NY 14510.](#) New York Women Farmland Owners Learning Circles are for women farmland owners and managers that would like to get together with other women and share information about conservation and stewardship in a relaxed, nonjudgmental setting. \$10 per session.

The Greater WNY Vegetable Farming Collaborative Teach-In- 10am-3pm. Jordan Hall 2nd floor Lounge, Geneva, NY Experiment Station. Teach-ins are meant to be practical, participatory, and oriented toward action. While they include experts lecturing on the area of their expertise, discussion and questions from the audience are expected. In the case of this farming program, audience participation is necessary! To launch this farming Teach-In program, responses from a survey sent out broadly to the regional vegetable community lead to topics chosen. For this session equipment and labor were at the top of the list. So let's use this inaugural Teach-In to get things started and cover what people are looking for in the way of necessary equipment. Following this topic, it would be beneficial to talk about how to come up with a plan for solving our seasonal labor issues. For more information, contact Robert Hadad at rgh26@cornell.edu or (595) 739-4065.

Postcards for the Planet-7-9pm at Spot Coffee, 765 Elmwood Ave., Buffalo. Let's make our voices heard regarding the current rollback of vital environmental protections. Materials and ideas will be provided. Check Events at niagarasierraclub.com for any changes and further dates. During this first session we will focus on writing comments regarding a proposal to roll back regulations for offshore drilling in our coastal waters. Suggested comments and information will be available. Bring along any ideas for future sessions. Please feel free to join us for all or any portion of the time from 7-9 pm.

Foodplots and Woodlots: A Step Farther Workshop- 6 to 8 p.m. at the Frank Bratt Agricultural Center, 3542 Turner Rd., Jamestown. It is presented by [Cornell Cooperative Extension of Chautauqua County's](#) Agriculture Program as part of their [2017-2018 L.E.A.F. \(Learn. Empower. Achieve. Farm.\) Workshop Series.](#) This informative and useful 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 as well as proper management to ensure the long-term success of your woodlot. The cost is \$5 per family. Pre-registration is required prior to the workshop to allow for adequate time to prepare printed resources and materials. To register, email kaw249@cornell.edu , or call 716-664-9502, ext. 202.

Friday, February 16

Medicinal Herb Walk-11am Learn the medicinal values of wild herbs that grow in Reinstein Woods. For adults and children ages 12 and older. Registration required; call 716-683-5959. Reinstein Woods Nature Preserve.

Shake it Don't Break it: Valentine's Dance Party-fundraiser for Go Bike Buffalo. 7 to 10pm. Food, drinks, DJs, dancing — you know, a party! This year, we'll be busting a move at the Hostel Buffalo-Niagara, 667 Main St., Buffalo. We'll also be showing you some love with deep discounts on GObike membership, so you can renew or become a member and start taking advantage of [great benefits](#).

Saturday, February 17

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

Birding 101: Class #2-2:30pm. Join us for a bird identification adventure. This is a continuation of class #1 in January, but new participants are welcome. For adults and children ages 8 and older. Registration required; call 716-683-5959. Reinstein Woods Nature Preserve.

Winter Wonderland Ski Tour! -10am to noon at [Evangola State Park](#). Cross-country skiing is a way to enjoy winter at nearby parks without a long drive! Learn from the Buffalo Nordic Ski Club experts how to X/C ski or improve your technique on a cooperative ski tour program with NYS Parks. **For information & registration call (716) 549-1050.**

Great Backyard Bird Count – 10am to noon. Join Buffalo Audubon for the Annual Great Backyard Bird Count at Beaver Meadow! We'll get you started with everything you need to know about how to participate in this world-wide event, including tips on identification, using binoculars, and how to make an eBird checklist. Binoculars are available. Pre-registration is required. FREE. To register, call (585) 457-3228.

Animals in Winter– 1 to 2:30pm. Get out of your comfy stuffed chair and join Buffalo Audubon Naturalist Mark Carra for an enlightening program about the ways that creatures in Western New York survive our harsh winters. From dynamic indoor audio-visuals to an invigorating hike around beautiful Beaver Meadow. If they can make it out there so can we. Pre-registration is required. \$5. To register, call (585) 457-3228.

Snow Rolls with Go Bike Buffalo- Sports City Pizza Pub, 1407 Niagara Street, Buffalo. Meet at noon, ride at 12:30pm. Register at <https://slowrollbuffalo.org/>

Seed Starting w/ Richard Price-2pm. For eleven years Richard has been sharing his knowledge and most successful methods for starting seeds indoors. Urban Roots workshop in collaboration with Grass Root Gardens of WNY. Call the store @ [716-362-8982](tel:716-362-8982) or email us @ info@urbanroots.org to secure your spot as space is limited. All classes are FREE except where noted.

Microbits Workshop-1 to 3pm. Join us for a workshop. Microbits are programmable devices that are smaller than a credit card and can be programmed by you. The device has a display of 36 tiny LED lights which can be used to make letters or images, along with buttons and sensors that allow for programming of simple games. We'll learn how to make it display messages and counters and finally to program a rock, paper, scissors game. The Sensational Saturday Series at NYPA's Niagara Power Vista is presented by WNY STEM Hub and Mission Ignite: Powered by Computers for Children. 716-286-6661. 5777 Lewiston Rd., Lewiston. Free of charge, Registration preferred, please reserve a spot via email: npvista@nypa.gov, Suitable for kids in grades 5–8.

Communities in Bloom Classes-The Cornell Cooperative Extension of Erie County Master Gardener Program will hold its annual classes (offered again on Feb. 24 at different location). 9 a.m. to 2:30 p.m. at the Unitarian Universalist Church, 695 Elmwood Ave., Buffalo. The registration fee is \$25 for the public. Active Cornell Cooperative Extension Master Gardener Program volunteers are eligible for a registration discount. [Register online](#) or contact the Master Gardener Program for registration information at 716-652-5400, ext.177. Registration is not complete until payment has been received. The registration fee is non-refundable.

Small Scale Hops Production –10 a.m. to 12 p.m. at CLEREL: Cornell Lake Erie Research and Extension Laboratory, 6592 W. Main Road, Portland. This workshop will build upon last year's Small Scale Hops Production L.E.A.F. workshop. To give participants an opportunity for a firsthand look at a hop yard, we will be meeting at the Cornell Lake Erie Research and Extension Laboratory in Portland. There will be classroom lectures, tours of the CLEREL hopyards, mobile hops harvester and drying operation as well as plenty of time for questions and answers. Whether you are new to hops or have some in the ground, this workshop will provide the opportunity to gain the research-based knowledge to make growing hops less mysterious. As a portion of the workshop will be held outside, so dress appropriately for the weather. The instructor will be Tim Weigle, Senior Extension Associate with the NYS IPM Program who has been working with hops for eight years. The cost is \$5 per family. Pre-registration is required prior to the workshop to allow for adequate time to prepare printed resources and materials. To register, email kaw249@cornell.edu , or call 716-664-9502, ext. 202.

Horticultural Class: Gardening with Native Plants-11am to 1pm at Buffalo & Erie County Botanical Gardens. \$20/class or \$100 for series (members). Info and registration at <https://www.buffalogardens.com/collections/adults/products/horticulture-i-certificate-series>

Family Snowshoeing-10am to noon. Meet at Kanyoo Trail (Rt 77) at Iroquois National Wildlife Refuge. Free and open to the public. Register at 716-683-5959.

Sunday, February 18

Cross Country Ski Tour at Knox Farm State Park– 1 to 3pm. Join us for a serene guided crosscountry ski tour of the park. Bring your own skis and join us! This is a snow dependent program. Preregistration required by Saturday, February 17th. Space is limited. Meet at the Knox Farm Visitor Center parking lot located on Buffalo Road. Donations gratefully accepted. To register, call (585) 457-3228.

GObike Buffalo Community Workshop - 6-8 pm, Class: Maintaining your bike through the fall and winter. *Cost for classes is \$10 and most sessions are limited to 10 people. Please RSVP to stacy@gobikebuffalo.org at least TWO days prior to class if you plan to attend.*

Sunday Evening Snowshoe Hike & Chili Dinner-5:00 pm - 8:00 pm. Come out and join us for a Sunday evening snowshoe hike and Chili Dinner at Wilson Tuscarora State Park. If there is no snow we will hike the trails. Meet in the back parking lot out in Wilson Tuscarora State Park at 5:00 PM SHARP! We want to head out onto the trail by 5:15 PM at the latest. When we come off the trail join us for a chili Dinner and hot beverages. If you have your own snowshoes & poles the cost is \$15.00pp – this covers the chili dinner. If you do not have snowshoes contact us for rentals. Snowshoe rental with poles plus Chili Dinner is \$25.00 (\$10.00 shoe/pole rental). Reservations are a must. Instructors and NYS Licensed Guides will accompany you on this hike. For further information or directions call 716-213-0350 or Christine@pathspeakpaddles.com

Monday, February 19

Budding Naturalists-9:00am - 11:30am at Tifft Nature Center. Our Reggio Emilia-inspired drop-off early childhood program and dedicated classroom will nurture your child's sense of wonder and curiosity for nature while encouraging physical, cognitive, social and emotional development. Attend one or two days per week. Advance [registration](#) required. Call 716.896.5200 x204 for more information. Ages 3-5.

Warm Up to Winter Discovery Camp- Tifft Nature Preserve from 09:00am - 04:00pm. Stay cozy in the cabin while investigating all things winter with fun science experiments, live animals, crafts and games, as well as daily outdoor exploration for campers! Snacks provided. Please bring lunch in a reusable container. Campers must have completed kindergarten. Late pick-up arrangements must be reserved at the time of registration. Register by February 12. Advance registration required. <http://www.tifft.org/tifft/>. Ages 5-8.

Smallwood Garden Club- 7 p.m. at Williamsville United Methodist Church, 5681 Main St., Williamsville. A program on “Gardens Across the Sea” will be given by Robert Poczik. He will present an overview of the philosophy and thought processes involved in creating a Japanese Garden. His PowerPoint presentation includes photos of spectacular landscapes created by Asia designers and will provide inspiration for those looking to do something different in their gardens this year.

Tuesday, February 20

Point of No Return: National Geographic Live talk-7pm at Kleinhan's Music Hall. For tickets (\$35), visit <https://events.nationalgeographic.com/locations/city/buffalo>

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>

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 Friends of Reinstein members. Registration required; call 716-683-5959. Reinstein Woods Nature Preserve.

Vet 101: what to do when things go wrong- 6 to 8 p.m. at the Frank Bratt Agricultural Center, 3542 Turner Rd., Jamestown. It is presented by [Cornell Cooperative Extension of Chautauqua County](#)'s Agriculture Program as part of their [2017-2018 L.E.A.F. \(Learn. Empower. Achieve. Farm.\) Workshop Series](#). Many beginning farmers and homesteaders have limited access to vet care and it's important to know how to care for animals when things go wrong. Join New York State Veterinarian, Dr. Shannon Carpenter, who has many years of experience with livestock animal operations and has previously worked as a private veterinarian. This workshop will cover many of the basics for a beginning or small farmer, including items to have on hand in your "tool kit," signs of illness, a discussion on when to call the vet, information on vets in our area to contact and how to measure key vital signs. The cost is \$5 per family. Pre-registration is required prior to the workshop to allow for adequate time to prepare printed resources and materials. To register, email kaw249@cornell.edu, or call 716-664-9502, ext. 202.

Wednesday, February 21

The Life and Times of Theodore Roosevelt – 1-2pm at Beaver Meadow Audubon Center. Special Guest Theodore Roosevelt himself. Let's look at the life of one of the most beloved presidents from the perspective of his passion for nature. His love of learning about the natural world around him shaped his character and his presidency. From a PowerPoint of his life to a stroll with him around the wilds he love so dearly. Bully! Pre-registration is required. \$5. To register, call (585) 457-3228.

Budding Naturalists-9:00am - 11:30am at Tifft Nature Center. Our Reggio Emilia-inspired drop-off early childhood program and dedicated classroom will nurture your child's sense of wonder and curiosity for nature while encouraging physical, cognitive, social and emotional development. Attend one or two days per week. Advance [registration](#) required. Call 716.896.5200 x204 for more information. Ages 3-5.

Hide & Seek: Winter Clues-2:00pm - 03:30pm at Tifft Nature Preserve. Get more out of your winter walk by investigating real animal clues along the trail and in the Education Center with a knowledgeable guide. We'll become detectives as we make observations, measurements and hands-on comparisons! Snowshoe rentals additional \$2 per person, weather permitting. Advanced registration required. Cost: \$6 per participant. BMS Members save 10%, Ages: All. [register](#)

Beaver Meadow Audubon Volunteer Training- 10-11 am at Beaver Meadow. Beaver Meadow Audubon hosts two community breakfasts each year to the general public. The Wyoming County Department of Health will provide training to cover "**Necessary Procedures for Safe Food Preparation**". We are offering this training for anyone interested in helping with Maple Festival, Breakfast with Santa, or any other community event you may be involved with. Please call or email me to register. (585) 457-3228.

Baby Mama Drama: do's and don'ts of animal birth on the farm- 6 to 8 p.m. at the Frank Bratt Agricultural Center, 3542 Turner Rd., Jamestown. This interactive workshop will discuss many of the key aspects to birth on the farm including gestation lengths for multiple species, signs of labor, creating the ideal freshening environment, baby care, mama care and what to look for as you try to prevent issues that can sometimes arise. Leading this workshop will be New York State Veterinarian Dr. Shannon Carpenter who has many years of experience with livestock animal operations and has previously worked as a private veterinarian. The cost is \$5 per family. Pre-registration is required prior to the workshop to allow for adequate time to prepare printed resources and materials. To register, email kaw249@cornell.edu, or call 716-664-9502, ext. 202.

Thursday, February 22

After-School Escape-4:30 to 5:30pm. 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.

Family Snowshoe Walk-10:30am. Please join us for a morning snowshoe walk along the trails as we look for evidence of wildlife. Snowshoe rental \$5.00/person; Friends of Reinstein members \$2.00/person. Registration required; call 716-683-5959. Reinstein Woods Nature Preserve.

Jr. Audubon Club: What Do You Wonder About Birds? – 10am to noon. Join us for a Special Jr. Audubon Meeting as we unveil our new Beaver Meadow Birds Guide! We'll look for winter birds at Beaver Meadow and spend some time talking about all the amazing things they do! Binoculars are available. Pre-registration is required. Donations gratefully accepted. To register, call (585) 457-3228.

Polar Bites- Buffalo's wintertime fundraiser hosted by the Pro Zoo Board of the Buffalo Zoo will take place from 6:00 p.m. until 9:00 p.m. at the Buffalo Niagara Convention Center inside The Grand Ballroom. \$30 Presale, \$40 at door. Purchase Tickets [Here](#)

Adventures in Buffalo History-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 <https://explorebuffalo.org/speaker-series-2/>. Topic: Stories of Buffalo's Immigrants.

Measuring Greenhouse Gas Emissions from Natural Gas Infrastructure-5:30 PM-9pm • The 33 Speak Easy Grille, 3455 Genesee Street, Cheektowaga, NY 14225. <https://awmanfs.wildapricot.org/event-2742514>

Friday, February 23

Winter Nature Play-10:30am. Enjoy a variety of nature play activities, including snow and twig sculptures, evergreen painting, animal tracking, and more! For children in grades K through 5. Registration required; call 716-683-5959. Reinstein Woods Nature Preserve.

Saturday, February 24

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.

Winter Survival Skills-10:00am-12:30pm at Chaffee Preserve. Bundle up and immerse yourself in a variety of Winter Survival skills such as shelter construction, fire building and wildlife tracking. Snowshoes will be provided if necessary. Free of charge - sponsored by Waste Management of Chaffee. www.earthspirit.edu

Ice World "Erie" Exploration!-10am to noon at [Evangola State Park](#). Transport yourself to another world! Join a rare adventure to experience the bizarre and constantly changing icescape of craters, caves and frozen ice volcanoes along the lunarlike surface of Lake Erie! ***For information & registration call (716) 549-1050.***

Backyard Birds and Birdfeeders –10am to noon. Join Buffalo Audubon Naturalist Tom Kerr for a birdfeeder demonstration at Beaver Meadow and learn about the common birds that frequent our backyards. Everyone who attends will receive a coupon good for 20% off a birdfeeder or bag of birdseed in the Beaver Meadow Gift Shop. Binoculars are available. Pre-registration is required. \$5. To register, call (585) 457-3228.

Plants for Birds – 1 to 2pm. Come and learn how to create an outdoor haven by welcoming birds to your garden, patio, or balcony, while also providing them with the food and shelter they need. Buffalo Audubon Naturalist Mark Carra will help guide you through this National Audubon Society program designed to promote native planting to benefit local wildlife so you can create a bird sanctuary in your own backyard this summer. Pre-registration is required. \$5. To register, call (585) 457-3228.

Birding on the River-10am to 12:30pm 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. *For information & registration call (716) 282-5154.*

Fairy Gardens w/ David Clark-2pm. Come enter the world of fairies and build your very own Fairy Garden to take home. (fee of \$35.00 for supplies and plants). Urban Roots workshop in collaboration with Grass Root Gardens of WNY. Call the store @ [716-362-8982](tel:716-362-8982) or email us @ info@urbanroots.org to secure your spot as space is limited. All classes are FREE except where noted.

Explore Water at its Source in our Headwater Forests at Hunters Creek County Park, Wales - 10am Join Buffalo Niagara Waterkeeper on a free tour and enjoy the winter weather! *Pre-registration required. Free snowshoe rentals available at time of registration.* [Click Here For More Tours And Registration.](#)

Communities in Bloom Classes-The Cornell Cooperative Extension of Erie County Master Gardener Program will hold its annual classes. 9 a.m. to 2:30 p.m. at the Print Shop Building, Roycroft Campus, 21 South Grove St. East Aurora. The registration fee is \$25 for the public. Active Cornell Cooperative Extension Master Gardener Program volunteers are eligible for a registration discount. [Register online](#) or contact the Master Gardener Program for registration information at 716-652-5400, ext.177. Registration is not complete until payment has been received. The registration fee is non-refundable.

A Rural Landowners Workshop- 10 a.m. to 12 p.m. at the Frank Bratt Agricultural Center, 3542 Turner Rd., Jamestown. It is presented by [Cornell Cooperative Extension of Chautauqua County](#)'s Agriculture Program as part of their [2017-2018 L.E.A.F. \(Learn. Empower. Achieve. Farm.\) Workshop Series.](#) Workshop participants will join leaders in the area for a discussion on real estate taxes, Agricultural Districts, Agricultural Assessments, Right to Farm protections and Regulations, leasing and renting farmland and more. Speakers for this workshop are still being organized. The cost is \$5 per family. Pre-registration is required prior to the workshop to allow for adequate time to prepare printed resources and materials. To register, email kaw249@cornell.edu, or call 716-664-9502, ext. 202.

Horticultural Class: Shade Gardening-11am to 1pm at Buffalo & Erie County Botanical Gardens. \$20/class or \$100 for series (members). Info and register at [classes](#)

Sunday, February 25

Winter Tree I.D.-11am to 1:30pm at [Knox Farm State Park](#). Identifying tree species in winter can be an exciting challenge. Hone your skills to identify trees based on their shape, bark and twigs. *For information & registration call (716) 549-1050.*

Bowl-a-Rama- Fundraiser for Massachusetts Avenue Project from 1:30-4pm at Kenmore Lanes. Dust off those bowling shoes! It's time to get ready for the annual Bowl-a-Rama. We need your help raising \$10K to support urban agriculture and youth development. Gather a team of five and spend your Sunday Funday with MAP! [CLICK HERE FOR TICKETS.](#) The cost of the event is \$25 per bowler or \$100 for a team of up to 5 people. To help us reach our \$10k goal, purchase your tickets and ask your friends, family, and colleagues to sponsor you. The suggested pledge total for each individual bowler is \$100. For teams, we suggest raising \$500 for urban ag and youth jobs at MAP. [Click here to download the sponsorship form.](#)

Monday, February 26

Budding Naturalists-9:00am - 11:30am at Tifft Nature Center. Our Reggio Emilia-inspired drop-off early childhood program and dedicated classroom will nurture your child's sense of wonder and curiosity for nature while encouraging physical, cognitive, social and emotional development. Attend one or two days per week. Advance [registration](#) required. Call 716.896.5200 x204 for more information. Ages 3-5.

Clean Air Coalition Member Monday - Come Help Out! 4pm – 6pm at Clean Air Headquarters - 52 Linwood Ave. ([map](#)). 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.

'Applying GIS Technology to Local Environmental Problems: Erie County Examples'-Buffalo State College Great Lakes Center seminar from 4:00 p.m. to 5:15 p.m. at Bulger Communication Center W. Presented by Lisa Matthies, director of Geographic Information Services at the Erie County Department of Environment and Planning. This seminar is presented by the Great Lakes Center, Biology Department, and the Great Lakes ecosystem science program and is open to all.

Tuesday, February 27

Little Tykes Mini Nature Camp-9:30am - 11:30am at Tiff Nature Preserve. Enjoy a morning of fun and exploration in our early childhood classroom with a different theme each month! Story-time, crafts, outdoor investigation and more help to foster the nature explorer in your child. Healthy, kid-friendly snacks provided too! Advanced registration required. Cost: \$7 per child with adult. BMS Members save 10%, Ages: 3-5. [register](#)

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>

Behind-the-Scenes Collections Tour (Adults Only): Knox Your Average Piggy Bank-2:00pm - 04:00pm at the Buffalo Science Museum. Teeth and hair and cheese, oh my! Have you ever wondered how people "paid" for things before the adoption of standardized money? Here is your chance to find out. Come behind the scenes and learn about the Knox Money Collection and the evolution of money. Ages: adults 18+, Cost: \$25 non-members, \$15 BMS members. Registration deadline: one week in advance. [register](#)

Intentional Networking with WNY Service Learning Coalition-Join college faculty and community organizations for an intentional networking night. 4-6 pm. Build stronger connections with individuals who are making change in the community through their nonprofit work and/or partnerships with service-learning courses. Come enjoy appetizers and one drink ticket on the WNY Service-Learning Coalition. Tewksbury Lodge, 249 Ohio Street, Buffalo, NY 14204. [REGISTER HERE](#). The Western New York Service Learning Coalition is a collaboration of colleges, universities and community organizations. We are committed to sharing resources, knowledge and practices related to service learning in an effort to strengthen campus-community partnerships & promote student engagement in the community.

Sierra Club Meeting- 7 to 9pm in Room 324, Duns Scotus Hall, Daemen College, 4380 Main St., Amherst, 14226. All welcome. Check meeting details at <https://niagarasierraclub.com/>

Wednesday, February 28

"Earth Stewardship/Creation Care: Seeking Nature's Truths through Science, Philosophy, and Faith" -7 pm, at St. Luke's Episcopal Church, 410 N Main St, Jamestown, NY 14701. Presented by Becky Nystrom. Sponsored by Green Up Jamestown Coalition.

Budding Naturalists-9:00am - 11:30am at Tiff Nature Center. Our Reggio Emilia-inspired drop-off early childhood program and dedicated classroom will nurture your child's sense of wonder and curiosity for nature while encouraging physical, cognitive, social and emotional development. Attend one or two days per week. Advance [registration](#) required. Call 716.896.5200 x204 for more information. Ages 3-5.

Aquarium of Niagara Touch Tank- 6:30 pm program for Penn Dixie Fossil Park & Nature Reserve. You've dug up their fossilized relatives, now you can experience arthropods, echinoderms, and other marine animals up close! The Traveling Touch Tank program is suitable for all ages. After a brief lesson, participants will be able to touch the animals using a gentle two finger touch. After participants interact with the animals, an aquarium educator will present a few incredible animal artifacts that everyone will be able to hold and feel. The touch tank presentation will be held in the Gateway Auditorium, 3556 Lake Shore Rd., Blasdell, NY. \$5/person, FREE for members. Registration not needed.

All Food has a Carbon Footprint-12:00 PM - 1:30 PM at [Capen Hall - Silverman Library](#), UB North Campus. Join a lunchtime presentation and discussion. How can we eat more sustainably to benefit our bodies and our planet? Plant-based diets, reducing food waste, and more! Janice Cochran of UB Wellness Services leads the discussion.

Thursday, March 1

Life Under a Lens-2:30-4:30pm at [Knox Farm State Park](#). Venture into a winter wonderland and investigate winter hardy springtails, lichens on trees and overwintering mushrooms and plant galls. Bring a hand lens if you have one! *For information & registration call (716)549-1050.*

Crepuscular Hike: Full Moon Over Frozen Forest-6 to 8pm at [Knox Farm State Park](#). Enjoy a winter night under moonlit skies as we embark on a relaxing snowshoe hike through Knox Farm. *For information & registration call (716)549-1050.*

Raising poultry for egg production: class no. 1, housing and equipment- 6 to 8 p.m. at the Frank Bratt Agricultural Center, 3542 Turner Rd., Jamestown. It is presented by [Cornell Cooperative Extension of Chautauqua County](#)'s Agriculture Program as part of their [2017-2018 L.E.A.F. \(Learn. Empower. Achieve. Farm.\) Workshop Series](#). This is a three-part series with multiple workshop offerings. Participants can attend one or all. The cost is \$10 for each class or \$25 to attend all three. Backyard chickens are a popular way to get started with homesteading and farming. In this workshop series, participants will take a closer look at some of the nuts and bolts of raising poultry for egg production (backyard and beyond). Each class participant will receive a resource guide with informational handouts and reference materials, opportunity for hands-on demonstrations, and the option for follow up consultations. Even if you've come to a poultry workshop in the past, this year's classes have some new tips and tricks along with hands-on demonstrations throughout this series. For someone just getting started, or just thinking about raising poultry, the classes will cover almost everything you need to know. This first class is also offered from 10 a.m. to 12 p.m. Saturday, March 3. It will cover site analysis, equipment checklist, housing options, predator control, supplies and cleaning. There will be demonstrations on making a dust bath and cleaning equipment. Pre-registration is required prior to the workshop to allow for adequate time to prepare printed resources and materials. Registration is available [online](#), by emailing kaw249@cornell.edu or by calling 716-664-9502, ext. 202.

Saturday, March 3

Explore Water at its Source in our Headwater Forests at Concord Community Forest, East Concord, NY- 9:45am. Join Buffalo Niagara Waterkeeper on a free tour and enjoy the winter weather! *Pre-registration required. Free snowshoe rentals available at time of registration.* [Click Here For More Tours And Registration.](#)

Western New York Hosta Society- breakfast at 10 a.m. at the Forest View Restaurant, 4781 Transit Rd., Depew. This is a social get together. You buy your own breakfast. To get the conversation flowing, take something that can be passed around the table. Please RSVP to Mike at 941-6167 or H8staman@aol.com.

Raising poultry for egg production: class no. 1, housing and equipment- 10am to 12p.m. at the Frank Bratt Agricultural Center, 3542 Turner Rd., Jamestown. This is a three-part series with multiple workshop offerings. Participants can attend one or all. The cost is \$10 for each class or \$25 to attend all three. Backyard chickens are a popular way to get started with homesteading and farming. In this workshop series, participants will take a closer look at some of the nuts and bolts of raising poultry for egg production (backyard and beyond). Each class participant will receive a resource guide with informational handouts and reference materials, opportunity for hands-on demonstrations, and the option for follow up consultations. Even if you've come to a poultry workshop in the past, this year's classes have some new tips and tricks along with hands-on demonstrations throughout this series. It will cover site analysis, equipment checklist, housing options, predator control, supplies and cleaning. There will be demonstrations on making a dust bath and cleaning equipment. Pre-registration is required prior to the workshop to allow for adequate time to prepare printed resources and materials. Registration is available [online](#), by emailing kaw249@cornell.edu or by calling 716-664-9502, ext. 202.

National Invasive Species Awareness Week-1 to 2pm event at Iroquois National Wildlife Refuge Center. Free and open to the public. Register @585-948-5445.

3D Printing Workshop-1 to 3pm. Join us for a workshop. Participants will learn to design a simple 3D model, convert the model to G code and set up and run a basic 3D printer. The Sensational Saturday Series at NYPA's Niagara Power Vista is presented by WNY STEM Hub and Mission Ignite: Powered by Computers for Children. 716-286-6661. 5777 Lewiston Rd., Lewiston. Free of charge, Registration preferred, please reserve a spot via email: npvista@nypa.gov, Suitable for kids in grades 5-8.

Sunday, March 4

GObike Buffalo Community Workshop - 6-8 pm, Class: Basic wheel maintenance. *Cost for classes is \$10 and most sessions are limited to 10 people. Please RSVP to stacy@gobikebuffalo.org at least TWO days prior to class if you plan to attend.*

Monday, March 5

Budding Naturalists-9:00am - 11:30am at Tiff Nature Center. Our Reggio Emilia-inspired drop-off early childhood program and dedicated classroom will nurture your child's sense of wonder and curiosity for nature while encouraging physical, cognitive, social and emotional development. Attend one or two days per week. Advance [registration](#) required. Call 716.896.5200 x204 for more information. Ages 3-5.

Essential Oils and Your Garden- 6 to 8 p.m. at the Frank Bratt Agricultural Center, 3542 Turner Rd., Jamestown. It is presented by [Cornell Cooperative Extension of Chautauqua County](#)'s Agriculture Program as part of their [2017-2018 L.E.A.F. \(Learn. Empower. Achieve. Farm.\) Workshop Series](#). Essential oils are the life blood of plants. They are amazing volatile compounds that can enhance our gardens. Workshop participants will sample oils and hear ideas on how to use oils in your garden for a great growing season. Mollie Vacco, local entrepreneur, mom to three boys, horse owner and hobby farm owner, will be leading this workshop, drawing from her experience with using essential oils for more than 10 years. Bring your questions and a notebook for this interactive workshop. For more information, check out www.mollievacco.com. The cost is \$10 per family and covers the cost of one "take home goodie" and workshop materials. Pre-registration is required prior to the workshop to allow for adequate time to prepare printed resources and materials. To register, email kaw249@cornell.edu, or call 716-664-9502, ext. 202.

Tips for the Environment:

1. **Make the Planet your Valentine and show some love**-Be mindful of your choices if you give Valentine's gifts. Need some ideas, visit [here](#).
2. **Green Apps**- Lots of apps help people save time, but some help make your home more energy efficient, use/eat healthier products, support local businesses or reduce your food waste. Not all are available for all devices. Here are some sources: [Buycott](#), [Rippl](#), [JouleBug](#), [Oroeco](#), [Lovefoodhatewaste](#), [GoodGuide](#),

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

By Lesley Haynes

Recycling:

Did you know that there are State Mandatory Take-Back Programs?

Some of the items required by law to be accepted by retailers or manufacturers are **car batteries, motor oil and auto tires**.

Car Batteries: To reduce the number of times that you have to replace your battery consider paying a little more for longer-life, lead-acid batteries or sealed gel-cell batteries. The acid is in semi-solid gel form, rather than liquid, so a cracked gel cell does not leak. They last twice as long, do not require the addition of sulfuric acid, and involve less maintenance because no corrosion forms on the terminals. A typical auto battery weighs 36 pounds and contains nearly 18 pounds of lead, a toxic metal, and one gallon of sulfuric acid, a corrosive liquid; all are materials of concern in lead-acid batteries. It is illegal in New York State to discard a car battery in the trash or on the street, so return it to the dealer.

Motor Oil: All service stations that change oil are required to accept up to five gallons of used motor oil per day, per person, at no charge. It is illegal to discard used motor oil or transmission fluid in the trash, on the ground, or into sewers. Used oil and oil filters can contain toxic substances that have negative consequences for local waterways. Improperly disposed motor oil from just one oil change can contaminate up to a million gallons of water.

Motor oil doesn't wear out - it just gets dirty. The oil you take to a collection center to be recycled can be made into re-refined lubricating oils that meet the same standards as virgin motor oil. The American Petroleum Institute (API) estimates that only 10 percent of the 400 million gallons of used oil generated annually are recycled. Consider installing synthetic oil, which, while more expensive than traditional lubricating oil, offers longer intervals between oil changes without compromising engine life. It also keeps your engine cleaner and reduces engine wear.

Auto Tires: dumped at the side of the road, in vacant lots, or along railroad tracks are unsightly and can provide a breeding site for mosquitoes. Extend the life of your tires by taking a few minutes each month to check the pressure and tread depth – this can reduce tire life by 50 percent. Buy retreaded tires. Retreading bonds new tread to the existing tire body using a process very similar to the manufacture of a new tire and the retread is 30 to 50 percent cheaper than a new tire. Two studies conducted by the American Retreaders Association (ARA) concluded that residual body strength in worn tires is at least equal to that of new tires, in some cases doubling the standards requirement of the National Highway Traffic Safety Administration's (NHTSA) Federal Motor Vehicle Safety standard test, which applies to all new tires.

Recycle: when buying new tires, return your old ones to be recycled. Businesses that sell or install tires must take back tires of approximately the same size that they sell. Also, residents can drop off up to four passenger car tires at any NYC Department of Sanitation garage. These tires are collected by a contractor and taken to a facility where they are converted to electricity.

If you take these suggestions you will be lowering your auto upkeep costs and the recycling of batteries, motor oil and auto tires will help to keep the environment clean and free from contamination.

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 Waterkeeper- <https://bnwaterkeeper.org/programs/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 tiftfriends@yahoo.com.

Additional calendars with local events-

<http://artvoice.com/calendar>

<http://www.citybration.com>

<http://www.buffalospree.com>

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

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

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

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

<http://buffalorising.com>

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

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

Additional local blogs and websites-

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Erie Cattaraugus Rail Trail- <http://www.ecatrail.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](#)

New York State Resources

Geographic Information Gateway <http://opdgig.dos.ny.gov/#/home>

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

Youth Summer/Holiday Camps/Home School Series

www.aquariumofniagara.org
www.buffaloudubon.org
www.buffalogardens.com
www.buffscience.org
www.tiftt.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/Tools

<https://trust.guidestar.org/grant-writing-101-resources-for-grant-writers>

<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>

<https://grantsreform.ny.gov/>

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)

Groundwork Market Garden- <http://www.groundworkmg.com>

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

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

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

Native Offerings- <http://nativeofferings.com/>

Niagara Malt- www.niagaramalt.com

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

Porter Farms- <http://porterfarms.org/>

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

Queen City Farm- www.queencityfarm.org/

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

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

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

Root Down- www.therootdownfarm.com

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

Singer Farms Naturals-www.singerfarmnaturals.com

Thorpe's Organic Farm- www.thorpesorganicfamilyfarm.com

T-Meadow Farms- <http://tmeadowfarm.com/>

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

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

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

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

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

Local Meats- <http://meatsuite.com/>

Local Tourism promoting Sustainability

Buffalo Bites Food Tours- <http://www.buffalobitesfoodtours.com/>

Buffalo Tours- <http://www.preservationbuffaloniagara.org/buffalo-tours/>

Niagara Wine Trail - <http://www.niagarawinetrail.org/>

Recycling, Reuse, Disposal, 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, 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 and sites- <http://www.dec.ny.gov/chemical/45083.html>,

<http://www.dec.ny.gov/gmk/index.html?url=http://www.dec.ny.gov/maps/gmnysmeddropbox.kmz>

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

Pharmaceuticals-dropoff sites at [map](#)

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. fors clean, white Styrofoam at 2101 Kenmore Ave., 14207. 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

Wetsuits- <https://www.sugamats.com/recycling/>, <https://www.greengurugear.com/pages/recycling-to-upcycle-program>

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/>

Air and Waste Management Association

<https://awmanfs.wildapricot.org/>

Allegany Nature Pilgrimage

<http://allegannaturepilgrimage.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

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 Astronomical Association	http://buffaloastronomy.com/
Buffalo Audubon Society/Beaver Meadow Nature Center	www.buffaloudubon.org
Buffalo Bike Share	www.buffalobikeshare.org/
Buffalo Niagara Community Reinvestment Coalition	https://www.facebook.com/BNCRC/
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	www.bgsny.org
Buffalo Green Code	http://www.buffalogreencode.com/
Buffalo Heritage Carousel	http://buffaloheritagecarousel.org/
Buffalo in Bloom	http://www.buffaloinbloom.com
Buffalo Maritime Center	http://www.buffalomaritimecenter.org/
Buffalo Museum of Science	www.sciencebuff.org/
Buffalo Niagara Waterkeeper	https://bnwaterkeeper.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/
City Action Corps	www.cityactioncorps.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/
Coalition of Positively Charged People	https://www.coalitionpositive.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	https://www.facebook.com/d2lsBuffalo/
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 Forward	www.fillmoreforward.org/
First Hand Learning	www.firsthandlearning.org
Food Policy Council of Buffalo & Erie County	http://www2.erie.gov/fpc/
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

Gardens Buffalo Niagara	https://gardensbuffaloniagara.com/
Garden Clubs of WNY	www.gardenclubsofwny.com
Genesee County Nature Center	http://co.genesee.ny.us/departments/parks/inc.php
Genesee County Village & Museum	https://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/
Green Sun Seed Library	www.facebook.com/groups/GreenSunSeedLibrary/
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
H.O.P.E of WNY	http://bkhopeducation.wixsite.com/hopeducation-network
Housing Opportunities Made Equal	http://www.homeny.org/
Imagine Greater Buffalo Lifelong Learning	http://imaginelifelonglearning.com/

Innovation Center Buffalo	http://innovationcenterbuffalo.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://janewalk.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.lisc.org/buffalo/
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.nylecv.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.nysacny.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/
Northeast Sustainable Agriculture Working Group	http://nesawg.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 Fishing Expo	http://niagarafishingexpo.com/
Niagara Frontier Botanical Society	https://sites.google.com/a/niagarafontierbotanicalsociety/botanical-society/home/
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/
Partners for a Livable WNY	https://www.livablewny.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-Bufferalo-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.sustainableearthssolutions.com
Tesla Fest	https://www.teslafest.org/
Tifft Nature Preserve	http://www.tifft.org/tifft/
Tonawanda Creek Watershed Committee	https://tonawandacreek.shutterfly.com/
Tonawanda Tomorrow	http://tonawandatommorrow.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 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 Mountain Bike Association	http://www.wnymba.org
WNY Permaculture	https://www.facebook.com/WNY-Permaculture-1098493876841295/
Western New York Science Congress	http://wnyssc.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://wnystem.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/wp/
West Side Ministries (716 Ministries)	http://www.westsideminstries.org/
West Valley Citizen Task Force	www.westvalleyctf.org
Wild Kritters	http://www.wildkritters.com/
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/>