

Enviro-News

November, 2017

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](#)
- [Volunteer Opportunities, Recycling, CSAs and Farms, Organization links](#)

Articles:

Penn Dixie/Hamburg Natural History Society Fundraiser

Buffalo Riverworks is the site for the **November 2** fundraiser event for Hamburg Natural History Society/Penn Dixie. The event will be 6-9pm at 359 Ganson St., Buffalo. There will be silent and voice auctions for sports tickets, artwork, and other prizes from the community; door prizes; live music; and hors d'oeuvres with a cash bar. All ages are welcome to attend. Tickets at the door are \$30.

Out of the Shadows: John Edmonston Brent, Architect

During November, Preservation Buffalo Niagara will partner with curator Christine Parker to have a special exhibition in the Buffalo and Erie County Public Library's Central Library about the life of John E. Brent, Buffalo's first African-American Architect. There will be opening remarks on **Thursday, November 2nd** at 5:30 pm where Ms. Parker will introduce the exhibit and show her newly completed John E. Brent documentary. For nearly five decades, John E. Brent designed dozens of religious and commercial structures for private clients, and countless pools, playgrounds, and landscapes as a landscape architect for the City of Buffalo. As a draftsman, architect, and landscape architect, John E. Brent has left a lasting imprint on our historic built environment and this exhibit will bring those achievements to light.

2017 Recycling Conference to Focus on Climate Change

The 2017 NYSAR3 Annual Recycling Conference is **November 7-9** at the Otesaga Resort Hotel in Cooperstown. Make plans to attend this year's conference, titled Keeping Cool in the Age of Climate Change: Impacts of Materials Management. Read More about plans for this event. [Registration is still available. Info](#)

Pen to Paper: Student Service and Engagement

Join educational colleagues and journal editors from around the country for a conference focused on writing about service and engagement. "Pen to Paper" will be held **November 9-11** at Nazareth College in Rochester. Previous conferences in this series have provided time, space, and resources to assist faculty, professional staff, graduate students, and community partners either planning to work, or working on journal manuscripts or book chapters related to service-learning and community engagement. [Info and registration here.](#)

Dino Daze at the Buffalo Museum of Science

Dino Daze, the Buffalo Museum of Science's annual weekend of dinosaur-themed programming is back on **November 11 and 12!** Offering family-friendly activities and demonstrations, guests are invited to become a paleontologist for a day, get your photo taken with costumed dinosaurs, dive into a giant dig pit, and so much more! The events will be 10am to 4pm each day and free with museum admission.

Birders Conference in Western New York

The New York State Birders Conference and New York State Ornithological Association will have their annual meeting in Niagara Falls from **November 10-12**. The meeting is timed to coincide with excellent Niagara birding with our gulls and other shorebirds. A number of speakers and field trips are planned for the event. For details, visit <http://www.buffaloorithologicalsociety.org/nysoa/>

NYS Invasive Species Conference – CCE In-Service

The annual Agriculture, Food & Environmental Systems In-Service allows for the gathering of faculty, educators and other industry professionals all related to a variety of agricultural and environmental fields for the sharing of information on research developments and practices. The New York Invasive Species Research Institute (NYISRI) hosts an invasive species track as part of this conference as well. This year's conference is **November 13-15** at ILR Conference Center in King Shaw Hall, Cornell University, [140 Garden Avenue, Ithaca, NY 14853](#). Please register at [link](#).

Restore the Gorge

The Western New York Land Conservancy will share their plans for Restore the Gorge project with the community on **Monday, November 13** from 7 to 8:30pm. This event will include presentations by our staff and our project consultants with information about project locations, goals, timeline, process and strategy, and renderings of proposed landscapes. This free public event will be at the Niagara Falls Library, 1425 Main Street, Niagara Falls, NY 14305. Register online at <https://restorethegorge.eventbrite.com>

Geothermal Heating and Cooling Seminar and Evening Talk

The New York Geothermal Energy Organization (NY-GEO) supported by The NYS Energy Research and Development Agency (NYSERDA), has engaged instructor Jay Egg to deliver a daytime course on Geothermal Heating and Cooling and an evening public seminar. The free evening talk is from 6 to 8pm at 403 Hayes Hall, UB South campus ([talk](#)). The daytime course will be on **November 14** from 9am-3pm at the National Grid VIP Conference Center, 144 Kensington Ave. The course gives students the knowledge and tools to understand how geothermal heating and cooling might work for a given building. It is primarily designed for practicing engineers, architects and building owners, but also an ideal introduction for students. The student discount will be \$19 (\$169 regularly). For info, visit bit.ly/geoceus.

America Recycles Day

America Recycles Day on **November 15** is the only nationally recognized day dedicated to promoting and celebrating recycling in the United States. Since 1997, every year on and around Nov. 15, thousands of local event organizers mobilize throughout their community to educate millions of people about recycling. Not only are communities uniting for the sake of a common cause, but they are taking time to educate and spread the word on the importance of recycling and recycling correctly. If you want to organize an event or seek out resources, visit [kab](#).

Buffalo Zoo Docent Training

Docent training for the Buffalo Zoo will be held from January through May on Saturdays from 9:30am to 3:30pm. Applications and interview are due by December 1 for this training. There is an orientation on **November 18** from 10am to noon for interested parties. Call 995-6132 for info and to register for the orientation session.

Cranksgiving: Biking Food-Raiser

Cranksgiving is a fun food-raiser on two wheels on **November 18** from 12-5pm. Get some exercise and collect food donations for Buffalo Food Not Bombs. Participate solo or form a team. Bring a bike (any bike will do), a bag, a lock, a helmet and about \$10-15 to buy food. Riders will receive a manifest with a list of stores to visit and food items to purchase. Being fast is not a requirement! Trophies/Prizes will be awarded with refreshments at the after party at the GObike workshop (98 Colvin Ave) at 3 p.m, free for riders, but we ask that non-riders bring a donation of 4 vegan non-perishable food items or \$5. Registration will take place at Lafayette Square beginning at noon; the ride starts promptly at 1 p.m. **Please note that the ride does not begin and end at the same location.* [info](#)

Nature Expedition with Earth Spirit

Earth Spirit Educational Services is offering their Winter Yellowstone trip from **December 9-17, 2017**. The trip includes 8 nights lodging at Lamar Valley Cabins, 2 meals (brunch, dinner) per day, transportation, cozy fires, folk guitar songs, daily wolf and wildlife watching, meetings and adventures with Nat Geo Photographer Dan Hartman, snowshoe hikes, and more! Cost is \$2500. For info, visit <http://www.earthspiritedu.org/excursions/index.html>

2018 Legacy Cities Preservation Conference in Buffalo

Preservation Buffalo Niagara is thrilled to announce 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](#).

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. Adoption status recognizes the sponsor with a plaque on the carousel and the right to name the animal. For info, visit <http://buffaloheritagecarousel.org/>

Food Policy Council Seats Open

The Food Policy Council of Buffalo and Erie County (FPC) is now accepting applications for 5 open seats on the Council. The FPC was created in May 2013 as a sub-commission of the Erie County Board of Health. Our mission is to build and strengthen a sustainable and just regional food system through policy recommendations, awareness and education. If you're interested in affecting positive change in the Buffalo and Erie County food system, and feel that you can add value and perspective to the Council, please consider applying. Applications are currently being accepted *until November 30, 2017*. Please send a copy of your resume to FPC@erie.gov and fill out [application](#). For further info on our Council composition, please see our operating principles, which can be found on our website, erie.gov/fpc.

Life Science Career Lab at the Buffalo Zoo

In January of 2018, the Buffalo Zoo is pleased to offer a Life Science Career Lab program, an eight-week, career-based educational program for teens ages 14-18 who have limited opportunities to gain exposure to life science careers. This program provides in-depth hands-on experiences in 6 different life science careers, career-related activities, group project work and work with a life science mentor. Space is limited. For program and eligibility information and an application, visit <https://buffalozoo.org/single-experience/life-sciences-career-lab/>.

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>.

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](#).

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.

NY-Sun Solar Guidebook and Technical Assistance for Local Governments

[NY-Sun Solar Guidebook for Local Governments](#) includes updates to the NYS Unified Solar Permit and guidance on the New York State fire code, along with other practical information to aid local officials. Does your town need an expert's opinion on a solar question? Local governments can access free training and technical assistance from NYSERDA's NY-Sun Photovoltaic Trainers Network (PVTN). The PVTN offers in-person [trainings](#) for municipal officials statewide and a set of [online resources](#) about solar energy.

DEC's New York Green Business Program

Would you like to support the expansion of green businesses in your community? Governor Cuomo and DEC are pleased to announce the launch of the New York Green Business (NYGB) program. NYGB provides recognition and benefits to businesses that are committed to sustainability and protecting New York's environment. As one benefit, NYGB members will receive priority access to technical assistance programs, including experts at the New York State Pollution Prevention Institute, to help them carry out sustainability programs. Local governments can play a role in helping green businesses thrive in their communities through planning, outreach, and incentives. Local governments can even earn points under the Climate Smart Communities Certification program for actions completed under pledge element 8: Support development of a green innovation economy. For more information on how you can promote the New York Green Business program in your community, contact brendan.woodruff@dec.ny.gov. NYGB is managed by DEC and is free and voluntary for businesses to participate in. DEC is accepting applications for the program through the close of business on **Friday, December 15, 2017**.

New "Levitating" Crosswalk Design to Increase Pedestrian Safety

To reduce our pedestrian accidents, we may consider a creative strategy used by a town in Iceland. A new crosswalk design, which appears three-dimensional with the crosswalk seemingly suspended above the road, should keep drivers more alert to pedestrians. Check out the ingenious design at <https://qz.com/1113713/a-small-town-in-iceland-created-a-levitating-crosswalk-to-slow-traffic/>.

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.

Project Sunroof

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

Reuse Action 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/>

Living Chandeliers May Filter Your Air in the Future

A design engineer has created a 'living chandelier' that is aesthetically pleasing but also absorbs carbon dioxide from the air and releases oxygen. The Exhale Chandelier is the work of Julian Melchiorri, the first Engineer in Residence at London's Victoria and Albert Museum. He based the chandelier on his previously developed 'Silk Leaf', an artificial leaf made of chloroplasts (the chlorophyll containing part of the plant) stabilized in a silk protein. Water and nutrients are supplied to the leaf through osmosis, in a similar way to how natural leaves work. For the Exhale Chandelier, he adapted the artificial leaves into 70 petals in three different sizes. Each petal contains green algae, sustained by a drip-feed of nutrients and water, and lit by LED lights. The algae absorb carbon dioxide and 'breathes out' oxygen. View the chandelier and more info at <https://www.springwise.com/living-chandelier-improves-air-quality/>

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](#)

Hemlock Woolly Adelgid Educational Video

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

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. If you aren't able to attend the webinars in real-time, they are recorded for later viewing. Check the listings at <http://www.nebeginningfarmers.org/online-courses/>.

DEC Surveys Endangered Mussel Population in Western NY

In early September, DEC Region 9 staff surveyed Cassadaga Creek for the federally and NYS-endangered [clubshell mussel](#) (*Pleurobema clava*). DEC staff had stocked the mussels in 2015 and 2016 as part of a project with the U.S. Fish and Wildlife Service and the Pennsylvania Fish and Boat Commission to bolster the population in western New York. The survey turned up 175 tagged mussels and revealed a preliminary survival rate of 50-75%.

DEC Invites Public to Comment on Draft Lake Sturgeon Recovery Plan

DEC invites public comments on the [Draft Lake Sturgeon Recovery Plan](#), last updated in 2005. The New York recovery plan separates the historic range of lake [sturgeon](#) into seven management units based on distribution of known sturgeon populations, movement within and among populations, and the genetic structure of lake sturgeon populations across the state. The recovery plan aims to maintain the species in NYS, restore self-sustaining populations, and remove the species from the Threatened Species list in New York by 2024. To comment on the plan, send an email with the subject line "Lake Sturgeon" to rarefish@dec.ny.gov. Comments will be accepted through **November 25, 2017**.

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](#).

Community Planning Resource Available

[Design Your Town](#) is an interactive web-based resource for citizen planners, professionals and anyone concerned about the quality of the villages and landscapes where they live. Collaborators on Design Your Town were the Orange County Department of Planning, Regional Plan Association, Pace University Land Use Law Center and the Lincoln Institute of Land Policy, with additional funding from the Hudson River Valley Greenway.

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>.

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.

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.

Green Strides Webinar Series

The Green Strides Webinar Series promotes sessions that provide free tools to reduce schools' environmental impact and costs; improve health and wellness; and teach effective environmental education. Upcoming November webinars include Remote Sensing (Nov. 2), Water (Nov. 8) and Food Organics Waste (Nov. 9). Check out all of the topics and access info at <http://www.greenstrides.org/webinars>.

Teacher's Resources

[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.

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

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

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

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

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

Contests and Awards

[Wildland Fire Sensors Challenge](#)- This challenge seeks a field-ready prototype system capable of measuring constituents of smoke, including particulates, carbon monoxide, ozone, and carbon dioxide, over the wide range of levels expected during wildland fires. The prototype system should be accurate, light-weight, easy to operate, and capable of wireless data transmission, so that first responders and nearby communities have access to timely information about local air quality conditions during wildland fire events. Deadline: **November 22**.

[INNOVATION 2030](#) is the title and theme of the 2017-2018 COTE Top Ten for Students design competition, presented by AIA COTE and ASCA, in special collaboration with Architecture 2030 and Design Intelligence. Students are invited to submit design projects that meaningfully address the causes of climate change and anticipate its future impacts, well into the second half of this century. Registration Deadline: **December 6 (submission due January 17)**.

[Shell Science Lab Challenge](#). The Challenge encourages science teachers (grades 6–12) in the United States and Canada, who have found innovative ways to deliver quality lab experiences using limited school and laboratory resources, to [apply](#) for a chance to win up to \$93,000 in prizes, including a grand prize school science lab makeover support package valued at \$20,000. The deadline for submissions is **December 15**.

[9th Annual Arbor Day Poster Contest](#)- for Fifth Graders. The New York State Department of Environmental Conservation (DEC) is now accepting submissions with the theme "Trees for Bees." Students are asked to create an original poster depicting this theme. The winner will have his or her artwork replicated as DEC's official 2018 New York State 5th Grade Arbor Day Poster and the winning poster will be presented at the annual Arbor Day Celebration in Albany. State Accepting Poster Submissions, Deadline: **January 5, 2018**.

[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**.

Grant and Scholarship Opportunities

[Plant America Grants](#)- sponsored by National Garden Clubs, Inc. for new or existing club projects in their respective communities. Projects may be a joint venture with another organization/s. The scope of these projects may include: beautification, community or school gardens, Habitat for Humanity landscaping, implementation of environmental practices or a horticulture or environmental educational event for the public. Up to \$1000. Deadline: **November 1**.

[MLK Day of Service Impact School Grants](#)-Grants of up to \$1,500 are available to schools in the United States that meaningfully engage students to #LeadASAP on national days of service (9/11 Day of Service, MLK Day of Service, and Global Youth Service Day) and help them learn, lead, and achieve. YSA, in partnership with the Corporation for National and Community Service, will select 50 K-12 public schools to receive a grant to support engaging students in a schoolwide service activities during the weekend of Martin Luther King Jr. Day of Service (January 13-15, 2018) with some classes continuing through Global Youth Service Day (April 20-22, 2018). Deadline: **November 10**.

[2017 Community Change Grants for Walkability](#)- America Walks, partners of the Every Body Walk! Collaborative, the W.K. Kellogg Foundation and other generous sponsors, are excited to announce another round of our popular micro grant funding. This program will award grantees up to \$1,500.00 in community stipends for projects related to creating healthy, active, and engaged places to live, work, and play. Deadline: **November 10, 2017**.

[NYFVI Competitive Grants Program](#)-The New York Farm Viability Institute (NYFVI) is seeking proposals for its competitive grant program. New this year, the organization is encouraging proposals that will accelerate the adoption of technology and help farmers make better use of data on their farm. The projects may range from improving operational practices through applied research and education to developing new routes to market. Proposals up to \$150,000 will be accepted. Proposals are welcome from any individual, business or organization seeking to build and share knowledge to improve the economic viability of New York's farmers. Deadline: **November 13, 2017**.

[IPM Partnership Grants Program](#)-Projects funded through the IPM Partnership Grants Program must further the mission of the Northeastern IPM Center, address or identify regional IPM stakeholder priorities, and benefit the region at large. Extension projects are encouraged. Funded projects are expected to contribute significantly to the adoption and/or development of IPM by addressing regional priorities. The IPM Partnership Grants Program funds three types of projects: IPM Issues, IPM Working Groups, and IPM Communications. A total of \$250,000 is available for 2017, with a maximum of \$50,000 per project. Public and private institutions or organizations, businesses, commodity groups, and private individuals are eligible to apply. Project Directors must reside in the Northeast. Deadline: **November 15, 2017**.

[Taylor L. Willingham Grants](#)- funding to plan or kickstart a public engagement project in your community. Grants are provided to individuals to enable them to develop an understanding of deliberative democracy and launch one or more deliberative dialogues in their communities and organizations in order to advance NIFI's overall mission, which is to promote public deliberation about national issues. Grants in the range of \$500-1,000. Deadline: **November 20**.

[Conservation Alliance Grants](#)- seek to protect threatened wild places throughout North America for their habitat and recreational values. As a group of outdoor industry companies, we recognize our responsibility to help protect the wild lands and waterways on which our customers recreate and wildlife thrives. Deadline: **December 1, 2017**.

[New York State Agricultural Society Foundation](#)-The Foundation supports the mission of the NYS Agricultural Society, focusing on education, leadership development, and recognition for future generations involved in the New York State food and agriculture industry. The foundation will provide financial support to nonprofit organizations serving New York State residents in the form of grants of up to \$2,500. Deadline: **December 1, 2017**.

[Community Food Projects Competitive Grant Program](#) is a program to fight food insecurity through developing community food projects that help promote the self-sufficiency of low-income communities. Preferred projects develop linkages between two or more sectors of the food system, support the development of entrepreneurial projects, develop innovative linkages between the for-profit and nonprofit food sectors, encourage long-term planning activities and multisystem, and build long-term capacity of communities to address the food and agricultural problems of communities, such as food policy councils and food planning associations. Deadline: **December 4, 2017**.

[Northeast SARE Farmer Grants](#)- for commercial producers who have an innovative idea they want to test using a field trial, on-farm demonstration, marketing initiative, or other technique. A technical advisor-- extension agent, crop consultant, or other service professional--must also be involved. Projects should seek results other farmers can use, and all projects must have the potential to add to our knowledge about effective sustainable practices. To apply, you must be a commercial farmer in the Northeast SARE region. Deadline: **December 5, 2017**.

[Annie's Homegrown School Garden Grants](#)—Public schools, public charter schools, private schools with 501c3 non-profit status, nonprofits supporting a garden at a public or a non-profit private school, school districts and homeschools with 501c3 or charity status. What projects are eligible? Edible school gardens. Deadline: **December 5**.

[Farm to School Grant Program](#) helps to facilitate the relationship between institutional school food purchasers and local farmers and ranchers. The Farm to School Grant Program provides grants on a competitive basis to increase local food procurement for school meal programs and expand educational agriculture and gardening activities. These grants can be used for training and technical assistance, planning, purchasing equipment, developing school gardens, developing partnerships, and implementing farm to school programs. Deadling: **December 8, 2017**.

[Food Insecurity Nutrition Incentive Competitive Grant Program](#) supports projects to increase the purchase of fruits and vegetables among low-income consumers participating in the Supplemental Nutrition Assistance Program (SNAP) by providing incentives at the point of purchase. The anticipated amount available for NIFA to support this program in FY 2018 is approximately \$21 million. Deadline: **December 13, 2017**.

[KidsGardening Youth Garden Grants](#)— Nonprofits, public or private school, and youth programs in the United States for new garden program or expanding an established one that serves at least 15 youth between the ages of 3 and 18. US \$500—US \$750 in in-kind support. Deadline: **December 15**.

[Scholarships available for garden communication](#) -College and technical school students interested in a career in garden writing, photography or blogging can apply for a scholarship from the GWA Foundation, the 501(c)(3) charitable partner of GWA: The Association for Garden Communicators. Deadline: **December 15**.

[Electronic Waste Assistance Grants](#)-Funding available to NYS municipalities to help offset costs associated with the collection and recycling of e-waste. Municipalities may receive reimbursement of up to 50% of eligible expenses incurred for the recycling of e-waste between April 1, 2017 and December 31, 2017. Deadline: **January 31, 2018**.

[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**.

[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, 2018**.

[ScottsMiracle-Grow GRO1000 Grant](#)— Nonprofits located in the US. Grassroots Grants are awarded to local communities to help bring pollinator habitats, edible gardens and public green spaces to neighborhoods across the United States. Deadline: **February 20, 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](#)-National Garden Clubs, Inc. is excited to announce it is continuing a grant opportunity for Garden Clubs working with youth clubs or groups planning and planting Pollinator Gardens. Grants, 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

[Slender False Brome Project Manager](#)- WNY PRISM is looking for a highly motivated candidate to take the lead on coordination of the Slender False Brome Working Group and implementation of the Great Lakes Restoration Initiative (GLRI) grant recently awarded to WNY PRISM for this project. The goal of this project is to develop a strong collaborative that provides the region with the information and resources necessary to effectively manage the threat posed by slender false brome. The position requires excellent interpersonal skills for communication with a diverse group of partner agencies and individuals, along with strong writing and organizational skills, and experience with invasive species ecology and management. In addition, this position requires experience with field data collection methods and analysis, meeting facilitation, supervision of seasonal employees, budget management, supply procurement, and development of outreach materials. Applications accepted until filled.

[Part Time 4H STEM Afterschool Educator](#) - Serve as a member of the 4-H Youth Development team for Cornell Cooperative Erie County to assist in providing quality youth development opportunities by conducting out-of-school programming using established 4-H Youth Development principles. Responsibilities include providing young people ages 8 to 14 with high quality Science, Technology, Engineering, and Mathematics (STEM) learning experiences through hands-on, experiential learning activities. This position will utilize existing program resources and materials in program work, assist in the creation of program lessons plans, utilize a variety of delivery methods and assist in delivering established innovative educational programs as assigned. Temporary position until September 2018.

[Land Protection Director](#)-The Western New York Land Conservancy is seeking a full-time Land Protection Director that will identify and lead all new land conservation projects. Qualified candidates will have a deep passion for conservation, ability to manage complex projects and coordinate with numerous partners. The position is available 10/4/17 and is 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.

[Professional Engineer 2 \(Environmental\)](#)- Supervise Region 9 Division of Air Resources staff, Dept. Environmental Conservation in the Buffalo office. Deadline: **November 10**.

[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.

Citizen Science

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

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

[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.

Upcoming Community Activities:

Wednesday, November 1

Cultivate: How to Create a Profitable Urban Farm (Market Garden)- 8:30 AM - 4:30 PM. Cornell Cooperative Extension of Erie County (CCE Erie) and the Massachusetts Avenue Project (MAP) invite you to, a workshop for anyone currently farming in a city or exploring opportunities to farm in an urban setting. Market Arcade, 617 Main Street, Buffalo, NY (take the elevator to level 3R). Cost: \$35 if not enrolled in the CCE Erie Agriculture Program, and \$25 for CCE Ag enrollees (If you would like to enroll in CCE Erie, please go to erie.cce.cornell.edu/agriculture/ag-enrollment. Enrollees receive reduced registration fees for CCE Erie events as well as a quarterly newsletter. Register: Contact Megan Burley, msb347@cornell.edu, or 716.652.5400 x 138. Registration limited to 25 people. [To REGISTER ONLINE, please click here.](#)

Volunteer Day at Beaver Meadow-9am to 2pm. Beaver Meadow Audubon Center.

Hemlock Woolly Adelgid Training at RTPI-6pm – 7pm at Roger Tory Peterson Institute of Natural History, 311 Curtis St, Jamestown, NY 14701, USA ([map](#)). During this training, RTPI Conservation Technician Elyse Henshaw will present information on the impact HWA is having on forests throughout the eastern United States, identify signs and symptoms of an infestation, and describe what to do if in fact they are found within the region. Once equipped with knowledge, citizens are invited to assist in field surveys and work alongside RTPI, JCC, and CWC conservationists, researchers, and professors in search of gauging the health of our local forests. Survey dates will be announced later this year. Any questions about the training session or survey efforts can be directed to Elyse Henshaw at ehenshaw@rtpi.org or 716-665-2473, ext. 231.

GBNRTC Monthly Meeting-Public welcome. 9:30 to 11am at Erie County Public Works Department ([map](#)) 95 Franklin Street, Buffalo, NY, 14202. All are invited to attend Planning and Coordinating Committee (PCC) Meetings to discuss transportation events, planning initiatives, and projects with [GBNRTC Member Agencies](#).

Thursday, November 2

1st Thursday Work Evening-Pelion Community Garden @ 4pm, 206 Best. St.
<https://www.facebook.com/pg/PelionCommunityGarden/events/>

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.

Annual Fundraiser Dinner and Auction for Penn Dixie-6 to 9 pm. We'll have silent and voice auctions for sports tickets, artwork, and other prizes from the community; door prizes and raffles; and hors d'oeuvres with a cash bar. Riverworks, 359 Ganson Street, Buffalo, NY. Tickets: [Pre-sale \\$25](#); Door \$30. Donations of prizes valued at \$20 or more are most welcome. Please [contact us](#) to arrange a pickup.

Connecting to Our Water: Lighthouses of Buffalo and Swift Running Water, Histories from North Tonawanda-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 7-9 PM on Thursday evenings at First Presbyterian Church of Buffalo on Symphony Circle. Admission per session: \$10, Explorer Pass Holders: Free

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

Clean Air Coalition Participatory Budgeting (PB) Process- Clean Air invites Buffalo residents who want a say in how public dollars are spent in our communities to attend a planning session as we dive deep into planning the future of Participatory Budgeting in Buffalo. 6-8pm at Belmont Housing Resources Center of Western New York- [1195 Main Street](#) Buffalo NY 14209. **Out of the Shadows: John Edmonston Brent, Architect**

John Brent, Buffalo's first African-American Architect-Preservation Buffalo Niagara will partner with curator Christine Parker to have a special exhibition in the Buffalo and Erie County Public Library's Central Library about the life of John E. Brent, Buffalo's first. Opening remarks at 5:30 pm where Ms. Parker will introduce the exhibit and show her newly completed John E. Brent Documentary. For nearly five decades, John E. Brent designed dozens of religious and commercial structures for private clients, and countless pools, playgrounds, and landscapes as a landscape architect for the City of Buffalo. As a draftsman, architect, and landscape architect, John E. Brent has left a lasting imprint on our historic built environment and this exhibit will bring those achievements to light. This exhibition is made possible by support from the National Trust for Historic Preservation and First Niagara Foundation.

Triad Recycling & Energy Tour-Tour of its twin 100kW wind turbines, plastic grinder, wood chipper, & more 12-4pm on [3725 River Road](#) in Tonawanda. More details on the event and how to RSVP at [info](#)

Jumpstarting the Next Generation: Business Planning Workshop for Future Farm Leaders (Fall 2017)-1st of 4 10am to 3pm sessions (others Nov. 9, 17, 30). Classes held at the Roycroft Campus (in the Powerhouse building) at 21 South Grove Street, East Aurora, NY 14052. 10:00 AM – 3:00 PM. Space is limited to 20 participants. Cost: \$130 per person / \$160 for two people, if from the same farm (the cost will cover lunch & materials for all four days). Contact [Megan Burley](#) Farm Business Management Educator, msb347@cornell.edu, (716) 652-5400 x138

Friday, November 3

Then & Now Photography Hiking Series-1:30 to 3:30pm at [Fort Niagara State Park](#). Everything changes! Learn about history and enjoy a relaxing photography hike to some of our favorite scenic spots. Compare historic photos to what you see before you and photos you capture along the way. Call (716) 282-5154 to register for program.

Buffalo Niagara Waterkeeper Restore Corps Event-3 to 6pm @ Hyde Park, Niagara Falls. Help us restore shoreline habitat by planting trees and shrubs! **Events are FREE! Registration Required.** [register](#)

WNY Peace Center's 50th Annual Dinner Celebration -5 to 9pm at the Buffalo Niagara Convention Center. This annual dinner recognizes the WNYPC's 50 years of community service and movement building. Amy Goodman - Investigative Reporter, American Broadcast Journalist, Syndicated Columnist, Best-selling Author and Host of Democracy Now! - is the keynote speaker. More information at www.wnypeace.org/50th.

“Garnet Hill Outcrop”-Buffalo Geological Society Meeting at 7:30pm features guest speaker Heather McCarthy, a doctoral candidate at the University of Buffalo. Her presentation will focus on her research at the Garnet Hill outcrop located near Roxbury, Connecticut. The Garnet Hill outcrop contains the garnet-mica schist (GMS) unit of the Rowe Formation that formed as a result of a metamorphosed Ordovician and Cambrian oceanic shelf sequence. This study investigates the fabric and chemical composition of the schist at this location and includes a comparison with similarly conducted studies of differently aged schists along the east coast of the United States. Meetings are held at a NEW LOCATION which is the Heritage Discovery Center, 100 Lee Street, Buffalo, NY 14210.

Saturday, November 4

Recycled Crafts: Books, Boxes, Bows and More-10:30am. Get a jump on making Christmas gifts for mom, dad and grandparents with these recycled crafts. For kids age 7 to 12. Registration required; call 716-683-5959 to sign up. Reinstein Woods Nature Preserve, Depew.

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

Full Beaver Moon Walk –7 to 8:30pm. Join naturalist Mark Carra for his favorite full moon of the year. Named after the animal that helped to shape Beaver Meadow. We’ll explore the amazing world of nature’s architect, the only animal besides man that creates its own habitat and keeps up with the maintenance. Pre-registration is required. Please call 585-457-3228 to register. \$5.

Night Prowl-8 to 9:30pm at Beaver Island State Park. Bundle up for a cool evening and enjoy a chance to see the park as never before with a special “after hours” walk lit by a full moon. **Call (716) 282-5154 to register for program.**

Bison Day at the Buffalo Zoo-Celebrate our city’s mascot at the Buffalo Zoo from 11:00 a.m. to 3:00 p.m. Enjoy watching bison enrichment, keeper talks, and special animal-themed crafts. Free with paid zoo admission.

Fall into Fitness: High Above the Gorge at Low Water-10am to 1pm at Whirlpool State Park. Take a scenic hike along the rim to look at the changing water level of the Niagara River below. **Call (716) 282-5154 to register for program.**

Putting Garden to Bed-1 to 3pm at 206 Best St., Buffalo. Hosted by [Pelion Community Garden at City Honors School](#).

Lichens, Mushrooms & Mosses, Oh My!-1:30 to 3:30pm at Knox Farm State Park. Venture out to enjoy the crisp autumn air as we explore the forgotten world of lichens, mushrooms and mosses. **Call (716) 549-1050 to register for program.**

Crepuscular Hike: Moonlight Meander-5:30 to 7:30pm at Knox Farm State Park. Embark on a nighttime journey through Knox Farm and experience the park in the glow of a full moon. Stargazing to follow program weather permitting. **Call (716) 549-1050 to register for program.**

Gill Creek Volunteer Planting-12:00 pm – 3:00 pm. @ Hyde Park, Niagara Falls. Help us restore shoreline habitat by planting trees and shrubs! **Events are FREE! Registration Required.** [register](#)

Horticultural Class: Advanced Plant Propagation-11am to 1pm at Buffalo & Erie County Botanical Gardens. \$20/class or \$105 for series (members). Info and registration at [register](#)

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.

Partners for Livable WNY Walk and Neighborhood Planning Discussion- The event starts at 8:30 am, at the St. Teresa's Parish Center, 33 Mineral Springs Road (at Seneca Street). The walk starts at 9:30, but those arriving an hour earlier will see a slide show of best practices for streetscape improvements. For the walk, two groups will fan out in different directions along Seneca Street, return to the church, and discuss what they've seen. Walk participants also will get to explore several little-known neighborhood parks; these hidden gems could play a significant role in connecting and revitalizing surrounding neighborhoods. Refreshments will be served both before and after the walk, hosted by the [Wellness Institute of Greater Buffalo](#), with support from *WNY Refresh*. **Questions?** Contact **Marc Pasquale** at marcpasquale@roadrunner.com.

Animals Get Ready for Winter-Bond Lake Nature Center, The Nature Center is located within the Bond Lake Park Warming House at 2353 Lower Mountain Road in Ransomville. For info, email bondlake@gmail.com.

Sunday, November 5

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

Family Hike: Royalton Ravine Park-Summer is over and some of the most shared family scenic adventures is by hiking. This adventure is geared for the young at heart. Parents are welcome to join us too! Come out and join us for a morning hike from 9:00 am until approximately 11:00 am. This is the wonderful time of year when the Autumn leaves change and present to us bouquets of colors all along paths. As we get into the fall enjoy walking the paths and crunching on the crisp leaves. As we near winter enjoy walking the paths with new fresh snow falling. Dress for the weather! Your adventure is presented by the Paths, Peak & Paddles Guides and Instructors. http://www.pathspeakspaddles.com/calendar/view_entry.php?id=1101&date=20171008

"Rut" at Sprague Brook Park-Join Erie County Park Ranger Jerry @ Sprague Brook Park as we learn about the "Rut", the signs that deer leave behind, and hike through deer habitat! Please wear weather appropriate clothing and footwear. We will begin our hike at shelter #6 at 10 am.

Monday, November 6

"Disentangling Dreissena mussels effects on larval fish growth, survival, condition, and potential recruitment in Great Lakes ecosystems"- Talk by Ed Rutherford, NOAA, 4 to 5:15pm at Buffalo State College. Join us for Great Lakes Center, Biology Department and the Great Lakes Ecosystem Science Program for our Fall 2017 Seminar Series to be held p.m. in Bulger Communication Center W.

Tuesday, November 7

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

Wednesday, November 8

Teachers in Nature: Professional Development Series-4 to 7pm. "STEM in the Schoolyard". Sign up for one or more workshops to learn how to connect your students to nature! CTLE credit hours may be available for select programs. Registration required; call 716-683-5959 to sign up. Reinstein Woods Nature Preserve, Depew.

Director's Walk – 1 to 2:30pm. Come explore the trails at Beaver Meadow with Buffalo Audubon Executive Director Loren Smith. Please call 585-457-3228 to register.

Volunteer Day at Beaver Meadow-9am to 2pm. Beaver Meadow Audubon Center.

UB Fall Architecture Lecture Series: James DeFilippis-6 to 7pm at 403 Hayes Hall, University at Buffalo South Campus, 3435 Main Street, Buffalo, NY, 14214. James DeFilippis' research focuses on the politics and economics of cities and communities. He is particularly interested in the processes of social change, and questions of power and justice in cities.

Tax Credit Drop-In Workshop - 6–8 pm at Preservation Buffalo Niagara offices, Suite 201, 607 Main St., Buffalo. Call the office at (716) 852-3300 for more information. This Drop-In Workshop is FREE for PBN members and \$10 for non members- no pre-registration is required.

Thursday, November 9

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.

Beakers and Beer-Networking at Hauptman Woodward Research Institute from 5-7pm. **Free but [register](#).**

Introduction to Zoning for Solar in Niagara Falls Workshop-6:30 to 9pm at [Conference & Event Center of Niagara Falls, 101 Old Falls Street](#). This workshop will review strategies and best practices for developing a clear, comprehensive, and enforceable solar regulatory framework. This workshop is for planners, local officials, land use board members, municipal staff, attorneys, and anyone who needs to understand zoning in order to challenge established regulations in your locality. All are welcome. Policymakers who complete this course are eligible to receive complementary one-on-one technical support in designing and implementing smart solar policy in their local jurisdiction. RSVP at <https://www.eventbrite.com/e/intro-to-zoning-for-solar-niagara-falls-tickets-39013525505>

Sun, Sea, and STEM: Turning Environmental Passion into Careers-9 to 10:30am at Ecology & Environment, 368 Pleasantview Dr., Lancaster. [register](#) Harnessing Earth's energy powers our planet and provides a wealth of jobs. Hear how evolving technologies create new jobs and exciting opportunities. Free.

Friday, November 10

Then & Now Photography Hiking Series-1:30 p.m. - 3:30 p.m. at [Artpark State Park](#). Things change! Learn about history and enjoy a relaxing photography hike to some of our favorite scenic spots. Compare historic photos to what you see before you and photos captured along the way. *Call (716) 282-5154 to register for program.*

Veteran's Day Celebration - Meet With War Veteran Theodore Roosevelt – Come have a conversation with former president and outdoorsman Theodore Roosevelt while hiking the Long Trail at Beaver Meadow. Enjoy this icon of conservation and naturalist from a bygone age. Be thankful there are no “soapboxes” in the woods. Pre-registration is required. Please call 585-457-3228 to register. \$5.

South Town Gardeners-9:30am at West Seneca Senior Center. 4620 Seneca St., West Seneca. Lynn Chimera will give a presentation on eco-friendly gardening and lawn care. Guests are welcome. For more information, call 668-0209.

Niagara Frontier Koi and Pond Club-7pm at Zion United Church of Christ, 15 Koenig Circle, Tonawanda.

Buffalo Astronomical Association Monthly General Meeting- @ Buffalo State College Classroom Bldg C122, 7:30 pm – 10:00 pm.

Saturday, November 11

Nature's Gathering-5 to 8pm. Sample fine regional wines and enjoy hors d'oeuvres, as you help support the Friends of Reinstein Woods. Western New York artisans will be showcasing their nature-themed artwork and specialty items, all available for purchase. Please note: This event will take place at the Knights of Columbus Hall, 2735 Union Road in Cheektowaga. Call 716-683-5959 for more information, or purchase tickets online at www.reinsteinwoods.org

“The Accidental Big Year”-Vaughan Lecture, 8:30-9:30pm. Come hear about exotic birds, remote places, and more with Neil Hayward, author of “Lost Among the Birds”. **DoubleTree by Hilton Hotel, 401 Buffalo Ave. Niagara Falls NY.** <http://www.buffaloornithologicalsociety.org/NYSOA/Registration.aspx>

Smart Cycling Class: Winter Biking-Learn how to be a smart, safe, confident bicyclist all year round by attending our winter biking class. We'll cover basic biking skills in a classroom setting as well as on our bikes for skill drills. We'll discuss topics related to clothing, tires, riding in winter weather conditions and even go for a group ride. \$20. 8am to noon at 640 Ellicott St., Buffalo. Register at <https://gobikebuffalo.wildapricot.org/event-2694630> *Do you work on the Buffalo Niagara Medical Campus? The BNMC will cover the cost of your registration! Just provide your information and they'll take care of the rest!*

Autumn Night Walk-6:30-8:30pm at Taylor Road Park. Bundle up and join a naturalist for an evening hike through mature forests in search of wildlife and seasonal stories. Hot beverages will be provided following the hike. \$8 Members, \$12 Non-Members. www.earthspiritedu.org

Gorge at Low Water-10am to 3:30pm at Whirlpool State Park. Two opportunities to enjoy the Niagara Gorge after the volume of water in the Niagara River is reduced by 25%. We'll go beyond the Whirlpool to the site of the Great Gorge Route station and beyond. *Call (716) 282-5154 to register for either program.*

ReUse Action Fall Party-Noon to Four. [The Guild at 980](http://TheGuildat980.com), 980 Northampton St, Buffalo, New York 14211 [Facebook event here](#). Food, fun, beer, coffee and of course our store!

Sunday, November 12

Go Bike Class: Fix a Flat- All classes are held at the GObike Community Workshop (98 Colvin Ave) on Sundays from 6pm-8pm. Pay what you can. Our suggested donation 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.

Animal Survival in Winter-Join Erie County Park Ranger Jerry as we hike around Ellicott Creek Park and learn about how our animal friends survive the winter. Please wear weather appropriate clothing and footwear. We will begin our hike at the soccer field parking lot at 12 noon.

Monday, November 13

"Give me that candy bar! The physiological and psychological effects of eating comfort food"-4 to 5:15pm at Buffalo State College. Naomi McKay, Psychology Department, Buffalo State College. Join us for Great Lakes Center, Biology Department and the Great Lakes Ecosystem Science Program for our Fall 2017 Seminar Series to be held p.m. in Bulger Communication Center W.

Restore the Gorge- event will include presentations by WNY Land Conservancy staff and our project consultants with information about project locations, goals, timeline, process and strategy, and renderings of proposed landscapes. This event is free and open to the public from 7:00 - 8:30PM at Niagara Falls Library, 1425 Main Street, Niagara Falls, NY 14305. Register online at <https://restorethegorge.eventbrite.com>

Tuesday, November 14

Geothermal Heating and Cooling Seminar-9am to 3pm, Register at bit.ly/geoceus. National Grid VIP Conference Center, 144 Kensington Avenue. Student discount available.

Renewable Heating and Cooling: Geothermal-6 to 8pm. 403 Hayes Hall, UB South Campus. Free and open to the public. Info at www.renewableheatnow.org

“The Long History of Apples”- Darrel Oakes owner of Lynoaken Farms, one of the largest commercial apple growers in WNY. In 2006 he partnered with an Amish horticulturist to plant over 350 varieties of heritage apples, including many varieties dating from the 1700s and 1800s. He has promised to bring both apples and wines for us to sample. General meetings are held at 7:30 p.m. on the second Tuesday of each month, September through May, at the Harlem Road Community Center, 4225 Harlem Road, one block south of Main Street in Snyder (except April meeting). All General Meetings are open to the public and free of charge.

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>

Kenmore Garden Club- meet at 10 a.m. at Kenmore United Methodist Church, 32 Landers Rd., Kenmore. Erin Bauer will speak on "Designs with Natural Materials." Her program will have a holiday theme. She will make one large arrangement and two small ones that will be raffled off.

Ken-Sheriton Garden Club- meet at 7 p.m. at St Mark's Lutheran Church. 576 Delaware Rd., Kenmore. Connie Oswald Stofko, publisher of Buffalo-Niagaragardening, will host a program called "Get Crafty in Your Garden." Get ideas for items you can make for your garden as well as from your garden.

ROCC Humboldt Harvest Membership Drive-Restore Our Community Coalition will be meeting from 5:30 to 7:30 pm. Learn about what ROCC does for the community and how you can get involved! Hors d'oeuvres and fall treats will be available! [Get your tickets today!](#) The Landmark on Pearl St., 318 Pearl St., Buffalo.

ADK Meeting and Presentation-6:30pm at Fellowship Hall – Amherst Community Church, 77 Washington Highway, Snyder NY 14226. NOTE: Please park in rear and enter through back door (walk up to 2nd floor). 6:30 – 7:15pm: Education Workshop – Basic Map and Compass Skills, 7:00 – 7:30pm: Meet, Greet & Treats – Social Time with Refreshments, 7:30pm: General Meeting and Presentation – "Amphibian Conservation Initiatives" Presented by the Buffalo Zoo. This program will focus on the threats to amphibians worldwide, and the measures that institutions like the Buffalo Zoo take to preserve populations globally and locally. We will discuss our motivations for preserving amphibians, including their role as indicator species. We will review the Buffalo Zoo's participation in three specific conservation projects. The program will conclude with an overview with our yearly participation in the Citizen Science project, Frogwatch. The program will also feature 2-3 live amphibians from the Buffalo Zoo.

Wednesday, November 15

Teachers in Nature: Professional Development Series-4 to 7pm. "Flying WILD". Sign up for one or more workshops to learn how to connect your students to nature! CTLE credit hours may be available for select programs. Registration required; call 716-683-5959 to sign up. Reinstein Woods Nature Preserve, Depew.

Buffalo Audubon Society Volunteer Day- 9 a.m. – 2 p.m. every Wednesday at Beaver Meadow Audubon Center, 1610 Welch Rd., Java Center. This event is for all Audubon volunteers, even first timers. There's no need to register, but bring a lunch.

WNY Rose Society Meeting- meet at 7 p.m. at St. Stephens-Bethlehem United Church of Christ, 750 Wehrle Dr., Cheektowaga. "Garden Design" will be presented by Peter BonSey, celebrity garden designer and author.

Thursday, November 16

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.

Beerffalo: The Ales & Tales of Buffalo, Buffalo Culinary Journey-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](#)

Beaver Meadow Eagle Watch – 10am to noon. Join Buffalo Audubon Naturalist Tom Kerr for a weekday Eagle Watch on the Beaver Pond. Every fall, Bald Eagles stop by Beaver Meadow for a quick rest on their migration journey. We'll look for waterfowl, hawks, and other wildlife as well. Binoculars and Spotting Scopes are available. Pre-registration is required. Please call 585-457-3228 to register. \$5.

AIA Buffalo/WNY Design Awards-6 to 10pm at Twentieth Century Club of Buffalo, 595 Delaware Avenue Buffalo, NY, 14202. Tickets available soon at <https://www.aiabuffalowny.org/schedule/2017/11/14/design-awards>.

Friday, November 17

Night Sky Over Niagara-8 to 10pm at Fort Niagara State Park. Be sure to dress for the weather and come view the night skies over Fort Niagara with a chance to see the shooting stars of the Leonids Meteor Shower. **Call (716) 282-5154 to register for program.**

Saturday, November 18

Nature Vacation Adventure-10am. Plan your next vacation as we journey through redwood forests, ocean reefs and other natural wonders in this slideshow presentation. For adults only. Registration required; call 716-683-5959 to sign up. Reinstein Woods Nature Preserve, Depew.

Cranksgiving-A fun food-raiser on two wheels. Participate solo or form a team, choose between provided options of grocery stores and win prizes for fastest, most frugal and most generous. Bring a bike (any bike will do), a bag, a lock, a helmet and about \$10-15 to buy food. All of the food collected at grocery stores will be donated to Buffalo Food Not Bombs. Riders will receive a manifest with a list of grocery stores around the city to visit and food items to purchase. Participants will bring their completed purchases to the GObike workshop. Families and teams (limit 4 people per team) along with individual riders are encouraged to enter. Being fast is not a requirement! Trophies/Prizes will be awarded and refreshments will be had at the after party at the GObike workshop (98 Colvin Ave) at 3 p.m. The after party is free for riders, but we ask that non-riders bring a donation of 4 vegan non-perishable food items or \$5. Registration will take place at Lafayette Square beginning at noon; the ride starts promptly at 1 p.m. **Please note that the ride does not begin and end at the same location.* <https://gobikebuffalo.org/>

Buffalo Zoo Docent Orientation-10am to noon. Come learn whether docent training and volunteering is for you. Application and interview due by December 1. Orientation from January-May on Saturdays from 9:30am to 3:30pm. Adults 25+. Call 995-6132 for info and to register for an orientation session.

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

Boy Scout Bird Study Merit Badge – 10am to 3pm. Don't be one of those people who see something in flight & dismiss it as "just a bird." Come & learn how to ID most birds quickly & dive into their fascinating world. Color, field marks, behavior, & song are the things that make each species unique. Pre-requisites include #2, #3 & #8a. Be sure to read your entire official booklet before the workshop. Pre-registration is required. Please call 585-457-3228 to register. Beaver Meadow Audubon Center. \$12.

Artpark Fall Birding Hike – 9am to 11am. Spend a morning birding at the Niagara Gorge with Buffalo Audubon Naturalist Tom Kerr and Buffalo-Niagara Waterkeeper staff. Thousands of Bonaparte's Gulls flock to the Niagara River Gorge every year in the fall. Watch them catch fish (or steal another Gull's fish) as we hike along the gorge trails. All participants must fill out a waiver and all participants under the age of 18 must be accompanied by a parent or guardian. Binoculars are available. Pre-registration is required. Please call 585-457-3228 to register. Meet at Fisherman's Parking Lot. Donations gratefully accepted. To register, visit: <http://conta.cc/2gfkBTg>

Tonawanda Turkeys – 1 to 2:30pm. Join Buffalo Audubon Naturalist Tom Kerr for a walk through Tonawanda's Elmlawn Memorial Park in search of their resident Wild Turkey Flock. We'll learn all about this iconic American bird and other wildlife that are doing their best to adapt to life in suburbia. Binoculars are available. Pre-registration is required. Please call 585-457-3228 to register. Meet at Brighton Rd. entrance. Donations gratefully accepted.

Adventure Hike-10:00am-12:30pm at Erie County Forest Lands. A challenging hike through conifer plantations and mature forests with a focus on seasonal ecology, wildlife signs and botanical surveys. \$7 Members, \$10 Non-Members. www.earthspiritedu.org

Gorge at Low Water-10am, 3:30pm at Whirlpool State Park. Two opportunities to enjoy the Niagara Gorge after the volume of water in the Niagara River is reduced by 25%. We'll go beyond the Whirlpool to the site of the Great Gorge Route station and beyond. *Call (716) 282-5154 to register for either program.*

Autumn Tree ID Hike-10am to 12:30pm at Knox Farm State Park. A hike through the fall woods to learn some basic tips and tricks that will help you to identify trees even after they have lost their leaves! *Call (716) 549-1050 to register for program.*

Horticultural Class: Hydroponics-11am to 1pm at Buffalo & Erie County Botanical Gardens. \$20/class or \$105 for series (members). Info and registration at [horticulture](#)

Bentley Nature Preserve Guided Tour-10am to noon at Bentley Sanctuary, Bentley Ave, Jamestown, NY 14701, USA ([map](#)). Join us on Saturday, November 18th at 10am to tour our beautiful Bentley Preserve! This 40-acre preserve has recently seen several new features such as an information kiosk as well as the installation of more than 300 feet of foot bridges! You will learn about this landscape from a CWC tour guide! This event is open to the public and free for CWC members, with a suggested \$5 per person or \$10 per family donation for non-members. Come out, get some fresh air, and enjoy the nature before the weather gets to be too cold!
www.chautauquawatershed.org/index.php/events/events

Sunday, November 19

Family Hike: Wilson Tuscarora State Park-Summer is over and some of the most shared family scenic adventures is by hiking. This adventure is geared for the young at heart. Parents are welcome to join us too! Come out and join us for a morning hike from 9:00 am until approximately 11:00 am. This is the wonderful time of year when the Autumn leaves change and present to us bouquets of colors all along paths. As we get into the fall enjoy walking the paths and crunching on the crisp leaves. As we near winter enjoy walking the paths with new fresh snow falling. Dress for the weather! Your adventure is presented by the Paths, Peak & Paddles Guides and Instructors. http://www.pathspeakspaddles.com/calendar/view_entry.php?id=1101&date=20171008

Monday, November 20

"Protein coupled receptors: How extracellular signals trigger intracellular responses"- Mark Dumont, Biochemistry & Biophysics Department, University of Rochester, 4 to 5:15pm at Buffalo State College. Join us for Great Lakes Center, Biology Department and the Great Lakes Ecosystem Science Program for our Fall 2017 Seminar Series to be held p.m. in Bulger Communication Center W.

Tuesday, November 21

"Winter Skywarn: NOAA-WNY Chapter of the American Meteorological Society, Classroom Building Room A 209AT, Buffalo State College, 1300 Elmwood, Parking passes given out in Lot I-37. This is a new training program specific to winter-related hazardous weather. Free and open to all. For info, contact info@weathermedic.com or AMSChapterWNY@gmail.com

Toddler Time: Gobble Gobble – 10 to 11am. Let's get together and learn a little bit about turkeys at Beaver Meadow! We'll read a story, make a turkey call, and look at a real turkey mount and feathers up close! Indoor program. Pre-registration is required. Please call 585-457-3228 to register. \$3.

Niagara River Greenway Commission Meetings-A business meeting will be held at 2pm followed by a general meeting at 3pm at DeVeaux Woods State Park, 3160 DeVeaux Woods Drive, Niagara Falls, NY 14305.

Wednesday, November 22

Buffalo Audubon Society Volunteer Day- 9 a.m. – 2 p.m. every Wednesday at Beaver Meadow Audubon Center, 1610 Welch Rd., Java Center. This event is for all Audubon volunteers, even first timers. There's no need to register, but bring a lunch.

Thursday, November 23

Happy Thanksgiving!

Friday, November 24

National Native American Heritage Day Celebration – 1 to 2:30pm. Join Buffalo Audubon Naturalist Mark Carra and Native American shaman Mike Bastine for your chance to learn about the history of the people that originally settled what is now New York. From the unification of the original 5 nations into a strong confederation to the games they played and the way they have treated their earthly home. We'll hike and talk about the creatures they call their "Brothers and Sisters." Pre-registration required. Call 585-457-3228 to register. \$5.

Saturday, November 25

Family Nature Quest: Turkeys-2:30pm. Discover the secret world of turkeys as we search for wild birds and make turkey calls. Registration required; call 716-683-5959 to sign up. Reinstein Woods Nature Preserve, Depew.

Niagara River Gulls – 10am to noon. Start your weekend with the birds! Join Buffalo Audubon Naturalist Tom Kerr at the NYPA Fishing Platform below the Robert Moses Dam. Every fall, thousands of Bonaparte's Gulls congregate in the Niagara River. Watch them catch fish (or steal another Gull's fish) up close before they head further south. Binoculars are available. Pre-registration is required. Please call 585-457-3228 to register. Meet at parking lot off Hyde Park Boulevard. Donations gratefully accepted.

Sunday, November 26

Go Bike Class: Bearing Overhauls- All classes are held at the GObike Community Workshop (98 Colvin Ave) on Sundays from 6pm-8pm. Pay what you can. Our suggested donation 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.

Monday, November 27

"Microtubule highways for axonal transport"-4 to 5:15pm at Buffalo State College. Join us for Great Lakes Center, Biology Department and the Great Lakes Ecosystem Science Program for our Fall 2017 Seminar Series to be held p.m. in Bulger Communication Center W., Shirmali Gunawardena, UB Biological Sciences Department will present.

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

Tuesday, November 28

Sierra Club Meeting- 7 to 9pm in Room 324, Duns Scotus Hall, Daemen College, 4380 Main St., Amherst, 14226. All welcome.

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

Wednesday, November 29

Buffalo Audubon Society Volunteer Day- 9 a.m. – 2 p.m. every Wednesday at Beaver Meadow Audubon Center, 1610 Welch Rd., Java Center. This event is for all Audubon volunteers, even first timers. There's no need to register, but bring a lunch.

Thursday, November 30

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.

Make a Terrarium in a Mason Jar – 1 to 2:30pm. Join Buffalo Audubon Naturalist Mark Carra for a celebration of National Mason Jar Day by making a terrarium in a mason jar for you to keep for yourself or give as a handmade gift for the holidays. We'll supply all the materials, but you can bring any plant small enough to fit into a mason jar. Pre-registration is required. Please call 585-457-3228 to register. \$10.

Friday, December 1

Hackathon-4pm through Saturday. Think like an *innovator!* Get a taste of what it's like to pitch ideas and develop strategic and technological innovations within the context of a large organization. Join us for the Univera Helathcare Innovation Sprint as we work to solve a challenge the company faces. Univera Healthcare team members have identified the issue—now it will be your job to help come up with solutions. Think of an Innovation Sprint like a Hack-A-Thon or Case Competition, where you'll work to develop and design a solution to the problem over the course of 24-hours. No worries, no need for a sleeping bag or a pillow, just plan to stay-late and return early! Why participate? Make connections, grow your network, and earn a chance to get an internship or full-time job. University at Buffalo, 210 Student Union, Buffalo, NY 14260. Register at [event](#).

Saturday, December 2

Crafting Herbal Remedies-10:00am-12:30pm at Buffalo Ski Club. Sharing the basics of creating herbal home remedies for Winter-related ailments. Participants will be provided with samples of our herbal concoctions. \$10 Members (ES and Buffalo Ski Club), \$15 Non-Members. www.earthspiritedu.org

Jingle Falls: Holiday Kid Crafts-10am to 2pm at [Niagara Falls Conference Center](#). Stop by the holiday marketplace at the Conference Center and join us for festive fun and kid friendly crafts. **No registration required.**

Breakfast with Santa – 9am to noon. Come enjoy a delicious homemade breakfast with Santa and his elf at Beaver Meadow Audubon Center. Activities include crafts, face painting, live animals and storytelling. The cost of the event is \$7 adults / \$5 children ages 4-12 / 3 and under are free.

Decorative Birch Bark Ornaments – 1:30 to 3:30pm. Join Buffalo Audubon Director of Education, Lauren Makeyenko at Beaver Meadow and make a birch bark canoe, star, and owl ornaments. This program will include simple sewing techniques. Pre-registration is required. Please call 585-457-3228 to register. Ages 12+. \$10.

Get Handy DIY Homeowner Workshop-10am. If you're looking to cut down on contractor bills and make some of those round-the-house repairs yourself, this workshop is for you. Featuring a wide range of post-purchase topics, you'll gain the know-how and confidence to keep your house a happy and healthy home. 1239 Niagara St. Registration required due to limited space, but free event. [Get Handy! Free DIY Homeownership Workshop](#)-

Sunday, December 3

Family Hike: Ellicott Creek Park-Summer is over and some of the most shared family scenic adventures is by hiking. This adventure is geared for the young at heart. Parents are welcome to join us too! Come out and join us for a morning hike from 9:00 am until approximately 11:00 am. This is the wonderful time of year when the Autumn leaves change and present to us bouquets of colors all along paths. As we get into the fall enjoy walking the paths and crunching on the crisp leaves. As we near winter enjoy walking the paths with new fresh snow falling. Dress for the weather! Your adventure is presented by the Paths, Peak & Paddles Guides and Instructors. http://www.pathspeakspaddles.com/calendar/view_entry.php?id=1101&date=20171008

Go Bike Class: Drivetrains- All classes are held at the GOBike Community Workshop (98 Colvin Ave) on Sundays from 6pm-8pm. Pay what you can. Our suggested donation 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.

Tips for the Environment

1. **Reduce Food Waste at Thanksgiving**- Think green beyond the green bean casserole. If you dread days of turkey sandwiches, consider freezing leftovers or resizing your cooking plans. Americans waste approximately 30-40% of our food; this contributes to our climate change problem and degradation of our natural resources. Find other tips for Thanksgiving at [ecowatch](#) and [thanks](#).

2. **Vote on Election Day**-Educate yourself on the issues. We will be voting on an environmental proposition #3. The proposed amendment will create a land account with up to 250 acres of forest preserve land eligible for use by towns, villages, and counties that have no viable alternative to using forest preserve land to address specific public health and safety concerns; as a substitute for the land removed from the forest preserve, another 250 acres of land, subject to legislative approval, will be added to the forest preserve. The proposed amendment also will allow bicycle trails and certain public utility lines to be located within the width of highways that traverse the forest preserve while minimizing removal of trees and vegetation. Yes to approve amendment, no for against the amendment.
3. **Single Use Plastic Bags**- These bags have a large environmental impact from their production for limited use to their contribution to litter and plastic pollution in our waterways. You can spread the word through social media by snapping a picture the next time you see a bag littered in your community and sharing it with #ErieBYOBag. Learn more at the Erie County website at [single-use-bag-pollution](#).

Ongoing Volunteer Opportunities Available

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Tift Nature Preserve also needs volunteers for their programs, communications, fund-raising and other events. Call 662-1342 or email 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.metrowny.com/events.php>

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

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

<http://buffalorising.com>

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

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

Additional local blogs and websites-

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Outdoors Niagara- <http://www.outdoorsniagara.com/>

Environmental Tips- <http://www.globalstewards.org/ecotips.htm>

Good Neighborhood- <http://thegoodneighborhood.com/>

Buffalo Architecture and History- <http://www.buffaloah.com/>

Richardson-Olmsted <http://www.richardson-olmsted.com/>

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

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

Black Dog Rescue- www.blackdogsecondchance.org

Peace Weavers- <http://peaceweavers.org/>

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

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

Erie Canal Trailway- www.ptny.org/bikecanal

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

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

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

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

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

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

We Love Outdoors-<http://www.weloveoutdoors.com/>
WNY Chapter/American Chemical Society- <http://wny.sites.acs.org/>
Fishing Outdoors- <http://www.huntnyoutdoors.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.buffaloaudubon.org
www.buffalogardens.com
www.buffscience.org
www.tifft.org
www.buffalozoo.org
www.penndixie.org
www.yourspca.org

Education Resources

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

Grant Opportunities/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)
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](http://realsimple.com)
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://alleganynaturepilgrimage.com/
Alliance for the Great Lakes	www.greatlakes.org
American Planning Association-WNY Section/Upstate	www.wnyapa.com
American Meteorological Society-WNY Chapter	www.facebook.com/amswnychapter
Amherst State Park Arboretum	http://www.amherststatepark.org/ASP/Welcome.html
Animal Advocates of Western New York	http://www.animalswny.org/
Aquarium of Niagara	www.aquariumofniagara.org
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 Meetings 7:30pm, first Fri. Oct-April, Parkside Lutheran	www.bgsny.org
Buffalo Green Code	http://www.buffalogreencode.com/
Buffalo Heritage Carousel	http://buffaloheritagecarousel.org/
Buffalo in Bloom	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	www.gardenclubsofwny.com
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://janeswalk.org/united-states/buffalo-ny/
Junior Solar Sprint Buffalo	www.jssbuffalo.com
Lake Erie Seaway Trail Center	http://lakeerieseawaytrail.org/

League of Women Voters of Buffalo Niagara	http://www.lwvbn.org/
Learning Sustainability Campaign	http://www.learningsustainability.com/
Local Initiatives Support Corporation	http://www.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.nannearboretum.org/
Nature Conservancy-Central and Western New York Chapter	http://Nature.org/centralwestern
Nature Sanctuary of Western New York	http://nsswny.org/
New York Farm Bureau	http://www.nyfb.org/
New York Flora Association	http://www.nyflora.org/
New York Forest Owner's Association	www.nyfoa.org
New York Interfaith Power and Light	www.newyorkipl.org/
New York League of Conservation Voters	http://www.nylcv.org/
New York Power Authority	www.nypa.gov
New York Public Interest Research Group	http://www.nypirg.org/
New York State Association of Conservation Commissions	http://www.nysaccny.org/index.php
New York State Ornithological Association	http://nybirds.org/index.html
New York State Outdoor Education Association	http://nysoea.org/
New York State Parks	www.nysparks.com
New York State Sea Grant	http://www.seagrantsunysb.edu/
New York State Soil and Water	http://www.nys-soilandwater.org/
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 Frontier Botanical Society	https://sites.google.com/a/niagarafontierbotanicalsociety.org/niagarasociety/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://rocctbuffalo.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-Buffero-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.sustainableeartholutions.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.unwastenyc.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://wnysc.org/
Western New York Service Learning Coalition	http://levesqueinstitute.niagara.edu/programs/wnyslc/
Western New York Soil Health Alliance	www.wnysoilhealth.com
WNY STEM	http://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/