

# Enviro-News

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

## Articles:

### Volunteers Needed for Soil Sampling

The Citizen Science Community Resources project is collecting soil samples to measure emissions from Tonawanda Coke. To participate, you must attend a 90-minute training session on either **August 2** from 6 to 7:30pm or **August 5** from 11am to 12:30pm at the CSCR office, 3200 Elmwood Ave., Kenmore. Deadline to sign up is **August 1** by calling 873-6191 or emailing [katie@csresources.org](mailto:katie@csresources.org). Sampling teams will be led by UB staff and students with collections made from August through September at multiple sites in the Town and City of Tonawanda and surrounding towns.

### Erie County Household Hazardous Waste Dropoff

The final Erie County Household Hazardous Waste Dropoff for 2017 will be held on **Saturday, August 5** from 9am to 2pm at ECC North Campus (Wehrle Drive entrance) For more information: call 858-6800 or visit [www.erie.gov/recycling](http://www.erie.gov/recycling). No latex paint, computers, tires, pharmaceuticals or alkaline batteries. Due to high demand, allow at least one hour of waiting for unloading of your materials.

### "Toolkit for Taking Action"-Exhibitors and Public Invited

The annual Environmental Summit will be held on **Saturday, September 30** from 8:30am-12:15pm at Daemen College. This year's event "Toolkit for Taking Action" will feature workshops to prepare individuals and organizations to raise awareness on issues, help influence policy and understand how to navigate the political and legal system. Organizations are invited to have a free display table and provide information on how individuals can get involved. To reserve a table, contact [byoung@daemen.edu](mailto:byoung@daemen.edu).

### August is County Fair Month

Our local county fairs showcase our region's agriculture and provide informational exhibits. The Niagara County Fair is being held from August 2-6. Event schedule is <http://cceniagaracounty.org/niagara-county-fair>. The Erie County Fair is August 9-20. Check out the schedule at <https://www.ecfair.org/>.

### Beaver Meadow's Wild Summer

Beaver Meadow Audubon Center will be hosting "Wild Summer" from 11am to 4pm on **Sunday, August 5**. Explore Beaver Meadow through playing in nature - just like you did way back when. Visit our pop-up Nature Play area, craft a crown made with natural materials, and build a fairy house! Everyone will enjoy paddling our pond, playing in the mud, and catching insects in the meadow. We'll also have live birds of prey demonstrations! Cost is \$8/person or \$30 for family of 4, ages 2 and under free. For more info, [www.buffaloaudubon.org](http://www.buffaloaudubon.org).

## 2017 Garden Writers Association Annual Conference & Expo

Garden writers, bloggers, photographers, speakers and communicators from across the world will be in Buffalo for their 2017 Conference from August 3-7. The public can chat with a few dozen of the hottest gardening authors from this country and Canada from 2 to 4 p.m. on **August 4** at the Buffalo Niagara Convention Center, 153 Franklin St., Buffalo. Admission is free. You can buy the authors' books right there at the event, get them signed by the authors and chat with some of the brightest stars in the garden publishing world. [Meet the Authors](#) is being held in conjunction with the Annual Conference & Expo of GWA: The Association of Garden Communicators. Meet the Authors is the only conference activity that is open to the public.

### Docent Training for Botanical Gardens

If you want to learn more about plants and teach others, consider the docent training program for the Buffalo & Erie County Botanical Gardens. The six-week course begins **August 5** with class from 9am to 2pm each Saturday. Cost is \$255. Teach the Wonderful World of Plants. For info, contact Kristy Schmitt - [kschmitt@buffalogardens.com](mailto:kschmitt@buffalogardens.com) 827.1584 ext. 291 or visit <https://buffalogardens.com/collections/adults/products/docent-training>.

### Kayaking with Tina

Join ACA certified kayak instructors for a beginner's class on *Smartstart Paddling Orientation* for your kayak. A kayak, paddle and life jacket will be provided for the class. (Let us know if you are using your own.) Sorry no pets allowed! Weather permitting. Beaver Island State Park classes are on Thursdays from 6:30-8:30pm through September 7 or Saturdays at 11am, 1pm or 3pm on August 5, August 26 and September 2. Wilson Tuscarora State Park classes are 11am, 1pm and 3pm on August 20. **Space is limited, sign up early. For information and registration call (716) 282-5154.**

### WNY Soil Health Association Summer Field Day

The WNY Soil Health Alliance Summer Field Day is **Tuesday, August 22** from 8:30am to 3:30pm in Albion. Morning lectures from keynote speaker Wendy Taheri of TerraNimbus LLC and John Wallace from Cornell, will be followed by an afternoon at Toussaint Farm's in Ridgeway, NY. Observe 8 cover crop trials and explore a soil pit, with on-site discussion led by Wendy Taheri. [Full agenda and speaker profiles can be found here](#). To register for this event, please [download our event flyer](#). You may also register by emailing names to [wnysoilhealth@gmail.com](mailto:wnysoilhealth@gmail.com). If registering via email, payment will be due in cash at the start of the workshop. Register by **August 18th** for reduced pricing. \$40/pre-registered participant; \$50 walk-ins. Lunch is included in the cost of the workshop.

### Gooseneck Hill Waterfowl Sanctuary Hosts Wild Wing Festival

Gooseneck Hill Waterfowl Sanctuary will hold their Wild Wing Festival on **Sunday, August 27** from 12-5pm at 5067 Townline Road, Delevan, NY. Food, Chinese auction, music and other activities are planned. Bring a lawn chair- admission is \$5. The Sanctuary, which is open to the public on all Sundays in August from 2-5pm features a beautiful landscaped park with over 700 flying geese, ducks and swans, baby waterfowl, 78 different species, including over 100 endangered birds. For more info, visit [www.gooseneckhillwaterfowlfarm.com](http://www.gooseneckhillwaterfowlfarm.com)

### Public Comments for Swallow-wort Biological Control

The U.S.D.A. Animal and Plant Health Inspection Service (APHIS) has prepared a draft environmental assessment relative to a biological control of swallow-worts (*Vincetoxicum spp.*) and are making the environmental assessment available to the public for review and comment. The Environmental Assessment for the U.S. release of a biocontrol agent (the leaf-feeding moth *Hypena opulenta*) for swallow-worts is now available for public comment through **August 14, 2017**. The direct link webpage (<https://www.regulations.gov/docket?D=APHIS-2017-0053>) includes a link to a pdf of the EA (under Supporting Documents) and a 'Comment Now!' link.

## **Invasive Forest Pests: What's Here, What's on the Horizon and How Can We Prepare**

A free two-day workshop on “Invasive Forest Pests: What's Here, What's on the Horizon and How can We Prepare” will be offered on **August 15** (1 to 4pm) and **August 16**. The classroom session on August 15<sup>th</sup> will be held in the NOCO Pavilion, 450 Ensminger Road, Tonawanda, NY 14223. Come join with the New York Department of Agriculture and Markets and CCE Erie to learn how to identify invasive forest pest threats, their biology and how this affects monitoring protocols and how state invasive species regulation apply to disposal and management options. The second day of the workshop will provide an opportunity to survey for forest pests in likely entrance corridors around Erie County. This will be a valuable training for those interested in preserving our forested lands into the future. To register, [CLICK HERE](#) or contact Sharon Bachman at 716-652-5400 x 150 or [sin2@cornell.edu](mailto:sin2@cornell.edu). For persons with disabilities requesting accommodations, please contact Sharon three business days prior to workshop.

### **2017 Community Development Awards: Nominations Invited**

Nominations are officially open for the 2017 Buffalo LISC Community Development Awards. This year we will again be recognizing winners in the following categories: Neighborhood Development Project of the Year, Buffalo Community Builder Award, Buffalo LISC Building Sustainable Communities Award. Nominations are due by **August 18** and can be submitted at <https://buffalolisc.wufoo.com/forms/q1xyi4zm0w3tiu6/>. The awards will be presented on **Thursday, October 12, 2017**.

### **Bowling for Rhinos 2017**

Bowling for Rhinos is a fun annual charity event created by the American Association of Zoo Keepers and run locally by the Zoo Keepers of the Buffalo Zoo. Bowling For Rhinos will take place this year on **Saturday August 19th, 2017** at Transit Lanes, Williamsville. We are excited to be able to offer another great night featuring bowling, shoe rental, buffet dinner, basket raffle and 50/50. Doors will open at 6 pm and bowling will begin at 7 pm. All proceeds of this event directly benefit non-profit conservation organizations, such as the [Lewa Wildlife Conservancy](#) and various National Parks in Indonesia through the International Rhino Foundation. These organizations work to protect endangered wildlife and their habitats. Register for the event at <https://sites.google.com/a/buffalozoo.org/bowlingforrhinos/>

### **Celebrate Water for Life: Riverkeeper Fundraiser**

Buffalo Niagara Riverkeeper will hold their annual fundraiser on the USS Little Rock on **August 31** from 6-9pm. Your ticket will get you aboard the USS Little Rock at the Buffalo and Erie County Naval & Military Park for an evening of music and silent auctions. Heavy hors d'oeuvres and refreshments will be available. With over two dozen remediation projects completed or active this year, nearly 20 tons of litter removed, and over 2,000 active volunteers, 2017 has been a year to celebrate. Buffalo Niagara Riverkeeper will continue to lead efforts to restore and protect Western New York's waterways. Tickets are \$40 and can be purchased [here](#).

### **2017 Preservation Buffalo Niagara Awards Celebration**

Congratulations to all the winners of the 2017 Preservation Awards! The Awards celebration will on **Thursday, September 7th** at 6 pm at Hotel Henry. [Tickets are available for purchase here- special discounts provided to PBN members!](#)

### **Horticulture Classes**

The Buffalo & Erie County Botanical Gardens will be offering their Horticulture I series classes beginning **September 9**. Classes meet from 11am-1pm on Saturdays. Join us for an entertaining garden education with David Clark, Horticulturist & CNLP. These classes are great for beginners or gardeners and landscapers wishing to brush up on their skills. Those who complete each series will be presented with a certificate. Cost for Garden Members \$105/ \$20 per class; Non-Members \$135/\$25 per class. To register: [horticulture-i-certificate-series](#)

## Conservation Conversation - Mitigating Climate Change

The Adirondack Mountain Club -- Niagara Frontier Chapter Conservation Committee is presenting a "Conservation Conversation" on **September 16, 2017**. This year's topic is "Mitigating Climate Change". This program will discuss methods that are currently being utilized or are being researched to decrease the effect of climate change on people, communities and aquatic ecosystems. This program is offered at no charge as part of an educational outreach to educate individuals, policy makers and community activists about climate change and how each of us can participate in decreasing the effect it has on the planet. For more information: <http://bit.ly/2017-Conservation-Conversation>

## Registration for Tour de Farms Is Now Open!

Join Massachusetts Avenue Project and GoBike Buffalo on **Saturday, September 16** for the annual Tour de Farms. The bike ride features stops at farms with an after-party feast. You can register for the 9th annual Tour de Farms [here!](#)

## Tesla Fest

Nikola Tesla was born 161 years ago. To celebrate his contributions to our electric world bringing AC current to life in Niagara Falls, Tesla Fest will tell his story at an "Electric Circus" art party taking place Friday **September 22** from 8pm to midnight at the Barrel Factory, 65 Vandalia Street, Buffalo, New York 14204. Tickets are \$20 in advance (\$25 at the door and VIP tickets are available).

## Paws in the Park

Paws in the Park is a scenic 2-mile walk fundraiser for the SPCA held at Beaver Island State Park. The event is taking place on **September 23** and will feature dozens of pet-related vendors, demonstrations, and contests! Individuals and teams can register at [PawsinthePark2017!](#) Come out with your friends for a good cause and a fun fall walk.

## Niagara County Household Hazardous Waste Collection

The Niagara County Department of Public Works will host two collection events; **September 23rd** at Lockport Town Hall (*registration opens August 21<sup>st</sup>*) and **October 21st** at North Tonawanda DPW (*registration opens September 25<sup>th</sup>*). We are excited to announce our "Voucher" program to all Niagara County residents. This limited program allows Niagara County residents to bring up to 50-lbs of acceptable wastes to Hazman for NO FEE, at their convenience, by registering and downloading a voucher! Registration required. Please [follow this link to learn more!](#)

## Building Buffalo Niagara: An Innovation Celebration

Partners for a Livable WNY will host a celebration to recognize some of the developments, people, organizations, and municipalities that have made innovative contributions to the resurgence of Western New York communities, consistent with the principles of Smart Growth and New Urbanism. Called Building Buffalo Niagara: An Innovation Celebration, the event will be held on **Thursday, September 28**, 6:00 PM, at the Hotel @ The Lafayette in Downtown Buffalo. Presale tickets are \$55 (\$60 at the door). Purchase tickets at [awards.](#)

## Finger Lakes Trail Conference

People who love the outdoors are invited to the Finger Lakes Trail Conference (FLTC) Fall Weekend, **September 29-October 1** at the Chautauqua Institution. We'll be housed in Bellinger Hall and will have a choice of many hikes, bike rides and other excursions each day, with evening presentations on the history of the Chautauqua Institution and on the Roger Tory Peterson Institute, which works to preserve and study wildlife. Details and registration at <http://www.foothillstrailclub.org/>

## Investigative Post Dinner

Investigate Post is hosting its second annual benefit dinner **Thursday, October 19**, at the Hyatt Regency. Our keynote speaker is Sarah Cohen, a Pulitzer prize winning editor at The New York Times and immediate past president of Investigative Reporters & Editors. Our honoree is Joseph Finnerty, a First Amendment attorney and champion of investigative reporting. Maryalice Demler, news anchor at WGRZ, will once again serve as emcee. Attend this year to support Buffalo's nonprofit, award-winning investigative reporting center. Tickets start at \$50, tables at \$1,000. [Go here](#) for more information or to [purchase tickets or a table](#).

### **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. Exhibitor and sponsorship opportunities are still available. <http://files.constantcontact.com/c3f5e4f9001/ba204f72-7d1d-427b-a3fe-0166a69456cb.pdf>

### **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.buffaloornithologicalsociety.org/nysoa/>

### **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 with a \$500 deposit due at the time of reservation (refundable until Oct. 1). 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**. Started by Cleveland State University and the Levin College of Urban Affairs in 2014, 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](#).

### **Pool Owners Asked to Report Invasive Beetles**

The New York State Department of Environmental Conservation (DEC) announced that the annual Asian longhorned beetle (ALB) Swimming Pool Survey is underway. DEC asks pool owners, now through **August 30**, to check their pool filters and help keep watch for these invasive beetles before they cause serious damage to the State's forests and street trees. The majority of invasive forest pest infestations are found and reported by members of the public, making citizen science a vital component for protecting urban and rural forests. The timing of these survey activities is important as ALB do not emerge from infested trees until the end of July and are most active in late summer. People with and without pools can help by learning how to recognize the beetle, as well as the signs it leaves behind (see what it looks like on DEC's [ALB](#) web page. For more information, visit [ALB and the Pool Survey](#).

### **Volunteers Needed for Summer Turkey Count**

The NYS DEC is beginning its summer survey of wild turkey sightings. Interested individuals can record observations of wild turkeys in August and report data online or via the mail. The survey, instructions and online reporting link are available at <http://www.dec.ny.gov/animals/48732.html>

### **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/>

### **"Rags to Bags" - Make Your Own Carryall from a T-Shirt**

The Matt Urban Hope Center of Buffalo recently joined Erie County's (Chapter 9) "Bring Your Own" Coalition, a group dedicated to reducing plastic waste - focusing on single use bags. A clever idea from their newest member encourages reuse, and helps to get the message across to discourage single use bags. As the Center received more t-shirts than their clients could use, the staff was determined not to let these go to waste. The t-shirt bag (which requires no sewing) is a great re-use of this resource. <http://files.constantcontact.com/c3f5e4f9001/597b019d-679d-4592-a8d0-ae8e3d6bd61d.pdf>

### **Tours of the Guaranty Building**

Come visit one of Buffalo's must-see treasures: The Guaranty Building! Originally built in 1896, this Adler & Sullivan designed structure is a highlight of Buffalo's downtown architecture. Come see the beautiful terra cotta tiles on the exterior, the incredible mosaic work on the interior, and learn the history of this building, including what makes it a great preservation story. Preservation Buffalo Niagara is the exclusive provider of tours of the Guaranty Building. Tours will be offered on Fridays at 2 pm and Saturdays at 11 am and pre-registration is required! [Registration details here.](#)

### **Explore Buffalo Tours: See Your City in a Different Light**

With over 70 different tours available by foot, bike, bus, and kayak, our volunteer docents will show you Buffalo's architecture, history, and neighborhoods. Join us on a tour today! <https://explorebuffalo.org/>

### **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.](#)

### **Reducing Fish Waste: Finding other Uses**

Fish processors can make money by making use of fish parts they normally toss away. Kelly Hawboldt, a Memorial University of Newfoundland professor specializing in process engineering are looking at turning waste from all kinds of finfish and shellfish, both farmed and wild, into valuable products such as fuel, road salt and even nail polish. Hawboldt and her team can extract high-quality oil from finfish guts for nutraceutical use and then use the "waste" from that process, a high-protein fish pulp, as fish meal or animal feed. They're also developing a way for processors to quickly and sustainably remove the nub of meat left on mussel shells because the shells can be extremely valuable. The shells can be ground up to be used as absorbents or road salts. One member of her team, chemistry student Jennifer Murphy, even made a nail polish from the shells. [article](#)

## **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>.

## **NY-Sun Solar Guidebook and Technical Assistance for Local Governments**

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

## **Buffalo Zoo Helping Protect Rhinos from Poachers**

The Buffalo Zoo often works with state and federal agencies on various conservation projects. This past winter, the Zoo need to trim the horn of their Indian rhinoceros, Tashi, due to signs of wear and a fear that the horn would break unexpectedly. Although they are composed mainly of keratin – the same common material that makes up hair, nails, feathers, wool, and hooves – rhino horns are valued in some parts of the world as symbols of wealth or for use in traditional medicine, even though the horns have been shown to have no medicinal value. This demand for rhino horn leads to the poaching of these endangered animals and the illegal trade in their horns. The section of Tashi's horn is now being used to train wildlife detector dogs that aid their human Inspector partners in detecting animal products (and sometimes live animals) that people attempt to illegally import into the United States.

## **Project Sunroof**

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

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

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

## **DEC Announces Launch of I Bird NY**

New York State Department of Environmental Conservation (DEC announced the launch of I BIRD NY, an initiative to build on increasing access to the state's vast natural resources and promote low-cost opportunities to explore the great outdoors and connect with nature. As part of I BIRD NY, the state launched a website portal, [I Bird NY](#), with information on where and how to bird watch, including upcoming bird walks and additional resources including kids' materials.

## **Wind and Solar Simulations for Global Availability**

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

## **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/>

## **Funding for Youth to Make a Difference**

YSA and Disney are teaming up this summer to inspire kids and families to make a positive impact in their communities through the [Disney Be Inspired Summer of Service campaign](#). We're calling on children and teens everywhere to use fun summer activities - like sports, arts, reading, or being outdoors - to make their communities healthier, greener, and stronger. Kids (ages 5-18) who volunteer - with their friends or family, or on their own - can apply for a \$500 Disney Be Inspired Summer of Service grant to create a project or continue and expand their impact throughout the rest of the year.

## **Play the Climate Challenge Game**

National Oceanic and Atmospheric Administration (NOAA), EcoResearch.net and the DecareboNet research project have partnered on a "game" called [Climate Challenge](#) that gets everyday people to pit their predictions about climate change and its effects against the opinions of experts around the world in an effort to see if the "wisdom of the crowd" can come up with answers faster than the experts alone. Players are encouraged to research answers to questions about things like annual Arctic Sea Ice minimum coverage or the monthly average global surface temperature before submitting their answers. According to Climate Challenge creators, it's not cheating to research to find the best answers; indeed, it's the goal. Players can come back every month for new questions, and see how they are doing compared to experts, friends, and even the collective "crowd"—and can win prizes by guessing closest to the actual value for a given question each month.

## **Great Lakes Beach Sweep in September**

Join us on **September 16th, 2017** at 10:00 AM At The Woodlawn, NY State Park For The Next Great Lakes Beach Sweep! <http://greatlakesbeachsweep.org/>.

## **Somerset Family Protects Lake Ontario Land Forever**

Thanks to a new partnership between the Western New York Land Conservancy, Ducks Unlimited Inc, and landowners Tom and Susan Carestia, 63 acres on Lake Ontario in the Town of Somerset are now protected forever and habitat restoration is underway. The Carestias first discovered their beloved property in March 2001—a mixture of wetlands, farmland, shrubland, and successional and mature forest that are a haven for birds and wildlife of all kinds. As residents of Maryland for nearly 20 years, Tom and Susan had witnessed the transformation of countless waterfront properties and watched as natural lands became more and more scarce. They also noticed many similarities between Lake Ontario and the Chesapeake Bay: both places are threatened by invasive species, water quality problems, and encroaching development. They knew that their Lake Ontario parcel was a diamond in the rough, and they yearned to restore its health and majesty, and ensure it would always stay natural or agricultural land. The Carestias worked with the Western New York Land Conservancy, our region's not-for-profit land trust, to protect the property with a perpetual conservation easement—a legal agreement that ensures that the property will never be subdivided or developed—ensuring that it will remain a stunning lakefront treasure for all future generations. Ducks Unlimited is now ready to restore eight acres of native grassland and five acres of emergent marsh in the southern portion of the Carestia's property. The restoration area will also be planted to support our declining pollinators, like butterflies, bees, and other important species.



## **Genetically Modified Moths may be Released in New York**

The U.S. Department of Agriculture has approved an open-air trial of genetically-modified (GM) diamondback moths (*Plutella xylostella*). The caterpillar of this invasive pest insect eats cabbage, broccoli and other *Brassica* plant relatives. The GM moths carry a gene that kills female offspring before they mature. Having fewer females available for mating cuts overall moth numbers, so releasing modified male moths in crop fields would theoretically reduce insecticide use. After completing successful lab and cage trials, Cornell University entomologist Tony Shelton and colleagues are planning a release of GM moths on 10 acres of *Brassica* fields at the New York State Agricultural Experiment Station in Geneva. The team has clearance to release 10,000 moths at a time, and up to 30,000 weekly. The trial's exact timeline remains up in the air. The scientists need approval from the New York State Department of Environmental Conservation before going forward. For info, <https://www.sciencenews.org/article/gm-moth-trial-gets-green-light-usda>

## **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.](#)

## **Cook with your Food Scraps**

A new TV show on the Food Channel, produced by Katie Couric, called SCRAPs is based on a professional chef taking food scraps and reworking them into new meals. The episodes include a lot of relevant, factual information about food waste. The 10 half-hour episodes will follow Sur la Table chef Joel Gamoran to a new city where he partners with food waste champions to celebrate the local cuisine and create a delicious meal with food items many consider to be waste, like banana peels, shrimp shells, chicken bones and carrot stems. You can view episodes at the Show's website (including clips and full episodes): <http://www.fyi.tv/shows/scraps>.

## **Reduce your Food Waste: Download a Canning Guide**

NY Interfaith Power and Light has some tips to help you reduce your food waste and enjoy summer's bounty for the rest of the year. Almost one-fifth of greenhouse gas emissions comes from the food industry and our food choices. Find out easy ways to preserve your produce and cut your carbon footprint with IPL's Canning for the Climate Kit. [Download your "Canning for the Climate" Kit today](#)

## **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>.

## **Map Hikes for Orienteering**

Each spring, the Buffalo Orienteering Club sets up a course of 25 controls at several Erie County Parks for the avid orienteer or the casual hiker to experience at their leisure. In early 2017, MAP HIKES will be created at Chestnut Ridge Park, Emery Park, Hunters Creek Park, Sardinia County Forest, and Sprague Brook Park. New this year, is a 15 control course at Knox Farm State Park in East Aurora. They will be up until February 28, 2018. All 2017 Map Hikes are now available for purchase. Packets can be purchased at \$7.00 for each park and include a five color map with marked control locations, a control card, instructions and a plastic map case. They are available at a number of locations, visit <http://buffalo-orienteeing.org/map-hikes/> for sites.

## **Household Cleaning Product Disclosure**

Governor Andrew M. Cuomo announced the launch of a new initiative to require all manufacturers of household cleaning products sold in New York to disclose chemical ingredients on their websites. New York is the first state in the nation to require manufacturers to disclose ingredients in household cleaning products, which may contain chemicals with negative health impacts for humans and the environment. For more information, please visit the [DEC's website](#).

## **Cornell Small Farms Program Offers Online Courses**

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

## **Is a Battery-free Phone in the Future?**

Researchers have developed the first battery-free cellphone design that consumes only a few micro-watts of power. Their design can sense speech, actuate the earphones, and switch between uplink and downlink communications, all in real time. The battery-free device prototype is built using commercial-off-the-shelf components on a printed circuit board. It can operate on power that is harvested from RF signals transmitted by a basestation 31 feet (9.4 m) away. For more info, visit <http://batteryfreephone.cs.washington.edu/>.

## **New Federal Toolkit Provides Guidance for Citizen Science Programs**

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

## **Environmental Working Groups Guide to Healthy Cleaning 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](#).

## Researcher Looking for Downy Mildew on Impatiens

For gardeners with impatiens plants, keep an eye out for downy mildew, a fungus which can kill the plants. The fungus has been found in Lockport and a Cornell researcher is looking for live samples of impatiens with downy mildew to aid them in research to improve resistance. Symptoms include yellowing leaves; a white coating on the backs of the leaves indicates downy mildew. If you think your impatiens has downy mildew, put a bucket over the plant (so the disease doesn't spread), but don't pull the plant out. Email Daughtrey at [mld9@cornell.edu](mailto:mld9@cornell.edu) and she will tell you what she needs. There's also a related plant, [Impatiens balsamina](#), also sometimes referred to simply as balsam, that can also get the disease, and Daughtrey would like samples from that as well.

## Enjoy a Screencation

Yes, you should unplug for a true vacation. But if you can't get away and want a brief diversion-visit your national marine sanctuaries online. Thanks to the wonders of 360-degree photography and virtual reality, these underwater treasures now are as close as the tips of your fingers. NOAA's Office of National Marine Sanctuaries has launched a [virtual dive gallery](#).

## 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.

## Bird App Available

Audubon has released an updated version of the [Audubon Bird Guide app](#) free to bird lovers nationwide. With 821 species profiles and 3200-plus world-renowned bird photos, Audubon's award-winning app instantly turns any mobile device into the most trusted field guide in North America. To download the Audubon Bird Guide, go to: [www.audubon.org/apps](http://www.audubon.org/apps). The free app also provides a great new way to engage more people in becoming active participants in conservation action.

## 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>

## Little Free Library Design Competition Open

The Little Free Libraries movement places small-scale book shelters in neighborhoods and is based on the premise of "take a book, leave a book." Established in 2009, there are now over 36,000 Little Free Libraries in communities worldwide. Initially crafted to resemble miniature one-room schoolhouses mounted on a pole, each library is a unique structure, designed and constructed in a wide range of styles, often utilizing recycled, reclaimed, or salvaged materials. In the coming months, architects, designers, artists, students interested in creating a library as part of this project will be invited to submit their qualifications and describe their interest in the project in response to an RFQ. This is an Open, Two-stage, Design Competition to design, construct, and install a contemporary book shelter in underprivileged neighborhoods in Buffalo, NY. A jury will select teams to design and fabricate a library, hosted on the property or in the domain of a partnering community organization. Selected design teams will be matched with partner organizations by Buffalo Architecture Foundation. Submissions are due by **September 1**. For details, visit <http://buffaloarchitecture.org/little-free-library/>.

## 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.

### Case Studies in Science Fall Conference

The aim of our 18th annual fall conference is to bring together people who are interested in teaching science using case studies. The conference will be held **September 15-16** at the Buffalo Marriott Niagara. Our conference features a key note address by Briana Pobiner, Paleanthropologist and Educator, Smithsonian National Museum of Natural History, and Associate Research Professor, Department of Anthropology, George Washington University, Washington, DC, who will present on the “Effectiveness of Using Human Case Studies to Teach Evolution.” In addition, the conference offers a full program of workshop sessions on a variety of topics for both the beginner and the more experienced case teacher as well as a poster session. It is your choice which sessions you attend (mix and match). Poster proposals can be submitted until **September 1**. Registration is \$650—details at [register/](#). Three scholarships are available which cover registration and a \$300 travel stipend—eligibility (one scholarship in each category) 1. Post-Doctoral Fellow/Graduate Student, 2. K-12 Teacher, 3. College Faculty Member at a school tied to the following documented official designations (these are federally-designated): Hispanic-Serving Institution (HSI), Historically Black College/University (HBCU), Tribal College/University (TCU), or Minority Postsecondary Institution (MPI).

### Teacher-Friendly Guide to Climate Change

The new [Teacher-Friendly Guide to Climate Change](#) is now available for free download and is co-authored by Don Duggan-Haas, WNY resident and Director of Teacher Programming, Paleontological Research Institute. *The Teacher-Friendly Guide to Climate Change* addresses both the science of climate change and psychological, social, and political issues that add to the challenges of teaching and learning the science. The primary audiences for the book are high school and middle school science teachers, professional development providers and curriculum developers, but we think anyone interested in climate change and how to teach or talk about it will find it interesting and worthwhile.

### 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.

## Teacher's Resources

[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.

**In Case You Missed It:** Our free webinar series covers topics like bird-friendly gardens and bird communication. Busy schedule? Check out our [webinar archive](#) to watch them anytime.

**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. [Get the guide](#).

[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.

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

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

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

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

[Raptors in the City](#) is a real-time, inquiry-based science program that stars the peregrine falcon. The peregrine has recovered from near extinction and was removed from the Endangered Species list in 1999. The program guides children through nesting season as they watch the still rare falcons live via cameras mounted on a skyscraper.

[Getting the Picture: Our Changing Climate](#)-The adventures of scientist-photographer James Balog and the Chasing Ice team come to life in a newly released climate science education resource which provides a unique, interactive, multimedia experience for students and educators to learn about the latest climate science and witness real-world changes occurring around the world.

[SMILE: New STEM Activities for Educators](#) is an award-winning, free access collection of nearly 4,000 STEM education activities. Many activities are grouped by topics with environmental themes including energy, climate, life sciences, and ocean literacy. Activities are also aligned with standards and principles such as the Climate Literacy Principles, Ocean Literacy Principles, and U.S. DOE Energy Literacy framework.

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

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

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

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

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

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

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

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

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

## Contests and Awards

[Tiny House Competition](#) - Not everyone aspires to live in a big house — some want to do quite the opposite. With soaring real estate costs and growing debt, many people are opting to downsize into [micro houses](#) as a more affordable option. The [Future House Organization](#) launched a new competition to tap into this trend. Open to architecture students and professionals, the competition seeks compelling ideas for the design of a micro house between 100 and 500 square feet. Winning participants will receive prizes totaling \$1500 (USD). Deadline: **August 15, 2017**.

[Little Free Library Design Competition](#) - This is an Open, Two-stage, Design Competition to design, construct, and install a contemporary book shelter in underprivileged neighborhoods in Buffalo, NY. A jury will select teams to design and fabricate a library, hosted on the property or in the domain of a partnering community organization. Selected design teams will be matched with partner organizations by Buffalo Architecture Foundation. Submissions are due by **September 1**.

["Draw a Line in the Sand & Stand for Plastic-Free Waters"](#) - 2017 New York State College and University Student Art Contest 1st place \$500! 2nd place \$300! Entries will be displayed at a gala event in the fall of 2017 to an audience of waste reduction professionals. Webinar in June. Submissions due by **Sept. 30**.

[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. Deadline: **Early 2018**.

## Grant and Scholarship Opportunities

[Brevard Zoo Conservation Fund](#)— Nonprofits, graduate students, postdocs, faculty, working professionals, and unaffiliated researchers based anywhere in the world. Research projects advancing wildlife conservation. Deadline: **August 1, 2017.**

[Stanley Smith Horticultural Trust](#)— Nonprofits in the Caribbean, Central America, North America, South America, and Australia for programs that meet its funding interests in ornamental horticulture and its eligibility requirements. Deadline: **August 15.**

[GYSD Lead Agency Grants](#)-YSA is now accepting applications for the 2018 Global Youth Service Day Lead Agency program. As the official organizer of GYSD in their region, GYSD Lead Agencies build a coalition of K-12 schools, youth development organizations, and community-based organizations in their region to activate youth, ages 5-25, to acquire 21st Century Skills by solving community problems through service or service-learning projects. Community-based organizations located in the 50 U.S. states + DC are eligible to apply. 50 organizations will receive grants of up to \$1,000 to build a partner coalition of at least 10 other organizations that collectively activates at least 500 youth volunteers on GYSD (April 20-22, 2018). **Deadline: August 31**

[FWS Tribal Wildlife Grants Program](#) –funding to provide assistance to tribal governments in programs that benefit wildlife and habitat of tribal cultural or traditional importance, including species that are not hunted or fished. Activities may include, but are not limited to, planning for wildlife and habitat conservation, fish and wildlife conservation and management actions, fish and wildlife related laboratory and field research, natural history studies, habitat mapping, field surveys and population monitoring, habitat preservation, conservation easements, and public education that is relevant to the project. The funds may be used for salaries, equipment, consultant services, subcontracts, acquisitions and travel. Deadline: **September 1.**

[Reforming the Energy Vision \(REV\) initiative](#) will provide New York State consumers and communities with new opportunities to participate in their energy future by enabling the deployment of distributed energy resources (DER), such as community solar projects. Funds awarded under this RFP can be used by community-based organizations to procure technical assistance to address key planning and development issues such as identifying successful models of community engagement, site selection, identifying ownership and finance structures, customer enrollment, and mechanics for the allocation of benefits. Deadline: **September 11.**

[New York Great Lakes Basin Small Grants Program](#)-New York Sea Grant and the New York State Department of Environmental Conservation have announced the availability of grants up to \$25,000 for Great Lakes resilience projects. Eligible projects must use a complete ecosystem-based approach, incorporate stakeholder participation, and address key priorities in the New York Great Lakes Action Agenda to enhance community resiliency and ecosystem integrity through restoration, protection, and improved resource management. **Proposals must be submitted by September 22, 2017.**

[YSA and Disney Summer of Service](#)- 250 youth (ages 5-18) volunteers will be awarded grants of \$500 to begin a project or expand your impact throughout the rest of the year. **Deadline: September 30.**

[FWS Coastal Program](#) - The Fish and Wildlife Service (FWS) announced funding to provide direct technical assistance and financial assistance to coastal communities and landowners to restore and protect fish and wildlife habitat on public and private lands. Projects should specify benefits for species and habitats considering the expected effects of climate change. FWS will favor conservation activities and projects that incorporate ecosystem adaptation and help coastal ecosystems and communities adapt to the effects of sea level rise and greenhouse gases. Deadline: **September 30.**

[GreenWorks! Grant](#)— Any organization, community group, nature center, museum, school, nonprofit, etc. based in the US. that involve youth in environmental and/or conservation education. Deadline: **Sept. 30.**

[Conservation Alliance Grants](#)-The Conservation Alliance seeks 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.**



[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**.

[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**.

[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**.

[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**.

[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. This includes environmental science and engineering proposals, such as the following: methodologies to detect hazardous substances in the environment; and basic biological, chemical, and physical methods to reduce the amount and toxicity of hazardous substances. Deadline: **Rolling**.

[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**

[University of Rochester Energy Engineer](#)- Maintains responsibility for energy savings projects throughout the University, including Central Utilities, River Campus, Medical Center, and all other University properties.

[Regional Systems and Support Specialist](#)-Exciting opportunity to join an innovative business team to provide technical support and assistance in the area of IT and HR for nine Cooperative Extension Associations in the Western NY area (Allegany, Cattaraugus, Chautauqua, Erie, Genesee, Monroe, Niagara, Orleans, and Wyoming) plus small satellite offices. This is a full-time position, 40 hours per week. Position will be employed by CCE of Wyoming County. Actual office location negotiable based on area of residence within the Western NY region. Deadline: **August 2, 2017**.

[DEC Professional Engineer 1 \(Environmental\)](#)- Manage remediation of assigned Super Fund, Brownfield Cleanup, Spill Response and Environmental Restoration sites. Deadline: **August 4, 2017**.

[DEC Professional Engineer 1 \(Environmental\)](#)- Conduct CAFO, construction stormwater, and individual SPDES facility inspections, as well as conduct complaint investigations; document results in writing along with all required corrective actions; review and process facility operational data, compliance documents, and other material to ensure permit compliance. Deadline: **August 4, 2017**.

[Explore Buffalo Fall Internship](#)-Explore Buffalo, Western New York's premier guided tour organization, is seeking interns for the fall of 2017. Fall internships will begin in early September and conclude in early December depending on college schedule. Explore Buffalo is a nonprofit organization that offers walking, bike, bus, and kayak tours of Buffalo and the surrounding areas. Explore Buffalo's tours are led by volunteer docents, whom the staff and interns support by coordinating and promoting the tours. This internship opportunity is a great match for college students studying architecture, history, Art History, marketing, English, communications, education, and other fields. Deadline: **August 25**.

[Fair Home Investigator](#)-Part-time on-call for Housing Opportunities Made Equal (HOME) to investigate housing opportunities to evaluate for fair housing practices. Deadline: **August 11**.

[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.

[Winter Seasonal Naturalist](#)- Jamestown Audubon Center seeks a seasonal naturalist (October through March) who will teach classroom nature programs, work with naturalists to modify classroom teaching points and methods, help with festivals and events, and assist with teaching days at the center when school is not in session. Other tasks may include weekend programs, website, brochure and poster design, and exhibit planning. **Deadline: September 1**.

## Citizen Science

[Caterpillars Count](#)- Seeking community members to help to characterize the spatial and seasonal variation in abundance of caterpillars and other foliage arthropods all across North America in an effort to answer important questions about patterns of food availability for birds. Perfect for youth, groups or adults.

[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](mailto:dspiering@sciencebuff.org).

[Project Budburst](#)- Reinstein Woods is involved in monitoring specific tree and plant species each year to record their phenophases (annual life cycle of plants) throughout the seasons. Recordings needed April to November, days and times flexible. For adults only. Registration required; call 716-683-5959 to sign up. Reinstein Woods Nature Preserve.

[Great Sunflower Project](#)- Record pollinator data to their website throughout the summer. Downloadable pollinator identification cards are available.

## Upcoming Community Activities:

### Tuesday, August 1

**Terrarium Demo**-A garden talk from 12:15 to 12:45 p.m. Tuesday, Aug. 1 at the Cooperative Extension, 420 E. Main St., Batavia. This is part of a series of monthly garden talks. It is free and no registration is required. Attendees are welcome to bring a lunch to eat.

**Tuesday Evening Stress Reducer Paddle on Ellicott Creek**-Paths, Peaks & Paddles trip open to all. We meet at the store (1000 Ellicott Creek Rd. Tonawanda) at 6:00pm and take a paddling trip on Ellicott Creek up and around the big island. All are welcome, if you have your own boat (canoe or kayak), there is no charge. If you need to rent one, the cost for a solo boat is only \$25.00 per boat or \$35.00 for a tandem. The boat rental includes paddle(s) and PFD(s). RESERVATIONS ARE A MUST IF YOU ARE RENTING CALL: 716-213-0350.

**Free Pruning and Harvesting Workshop**-Offered by Grassroots Gardens WNY from 12 to 2 p.m. Participants will learn find out which plants should be pruned and how to do so. The class will also discuss harvest times and best practices. For more information call 716-783-9653.

**Kayak Tour: Lumber City Paddle**-6pm @ East Hill Foundation, North Tonawanda, NY. REGISTER AND INFO AT [HTTP://BNRIVERKEEPER.ORG/YELP/](http://BNRIVERKEEPER.ORG/YELP/)

### Wednesday, August 2

**GBNRTC-PCC Meeting**-9:30AM at NFTA Board Room, 181 Ellicott St., Buffalo. Public invited to discuss transportation issues. Monthly meeting locations rotate, so you can confirm at 856-2026.

**Walking on Wednesdays**-12:10-12:40pm at Kaminski Park, Elm and Carlton St. Free. Sponsored by Buffalo Niagara Medical Campus. Info at <https://bnmc.org/wow/>

**Tifft in the Park**-6:00pm - 08:00pm. Visit our Tifft Table in the Buffalo Harbor State Park for hands-on crafts and discovery every Wednesday before Family Movie Nights in the Park. Visit [www.parks.ny.gov/events](http://www.parks.ny.gov/events) for Family Movie Night information. Buffalo Harbor State Park is located just across the road from Tifft, at 1111 Fuhrmann Boulevard. Free parking is available at both locations. For more information, call Tifft at 716.825.6397 or Buffalo Harbor State Park at 716.822.1207. Ages: All ages welcome.

**WNY-Mountain-Bike-Meetup**-6:00 pm - 8:30 pm at Sprague Brook Park,9674 Foote Road,Glenwood,NY,14069. <https://www.meetup.com/WNY-Mountain-Bike-Meetup/events/241894050/>

### Thursday, August 3

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

**22nd Annual Thursday Evening Stress Reducer Paddle**- Paths, Peaks & Paddles trip open to all on Lake Ontario. We meet out in Wilson at the Wilson Tuscarora State Park (Route 18 East of Niagara Falls) at 6:30pm in the back parking lot. We will either take a paddling trip on either the East or West Branch of Twelve Mile Creek. To top off the evening we paddle out to Lake Ontario and watch a spectacular sunset over Toronto 38 Miles away across the lake. The vibrant colors across the sky and mirrored on the lake is breathtaking. Here you can really appreciate Mother Nature and the beauty she shares with us. All are welcome if you have your own boat (canoe or kayak) there is no charge. If you need to rent one, the cost is only \$30.00 per boat solo or \$40.00 tandem delivered out to Wilson for you, includes paddle(s) and PFD(s). We will bring the rented boat out to you! RESERVATIONS ARE A MUST IF YOU ARE RENTING CALL: 716-213-0350.

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

**Rain Gardens**- 5 to 7pm at Pelion Community Garden, 206 Best St. Learn what plants can work in the conditions of your site--dry? clay? soggy? shady? full sun? There are plants that can thrive in nearly every site. Find out why rain gardens benefit homeowners, reduce pollution and protect our local waterways. Additional information will be available about installing rain barrels; however, they are not required to have a rain garden. <https://www.facebook.com/pg/PelionCommunityGarden/events/>

**Environmental Justice Task Force Meeting**-6-7:30 pm. Come learn, plan, and collaborate to stop “bomb” trains, highly radio-active liquid and solid nuclear waste on our highways and bridges, and the government’s force-feeding of pipelines and fossil fuels. Nuclear issues will be featured at Indigenous Peoples/Nuclear-Free Future Day on August 8 (3pm to dusk, Buffalo History Museum). Come, too, to support renewables; and more. Crane Library, 633 Elmwood, at Highland. All are welcome.

**Kayak Tour: Safety Paddle**-6pm @ Hyde Park Lake, Niagara Falls, NY. REGISTER AND INFO AT [HTTP://BNRIVERKEEPER.ORG/YELP/](http://BNRIVERKEEPER.ORG/YELP/).

## Friday, August 4

**Expo Story Time-Monkey See Monkey Do Bookstore**, 9060 Main St., Clarence, for kids. Free.

**Wright at 150 Lecture Series-7** to 8pm at Darwin Martin House, Buffalo. Michael Desmond will 'unpack' his finds within the archive - revealing a discovery of Wright's circular homes and communities, with in-depth analysis of the drawings, concept, and philosophies attached to this chapter of Wright's life and work. Tickets are \$25 for Members, \$35 for Non-Members. VIP Tickets are \$90 for Members, \$100 for Non-Members. For more information and to purchase tickets, [visit the event's Facebook page here](#).

**Meet the Garden Authors-You** can chat with a few dozen of the hottest gardening authors from this country and Canada from 2 to 4 p.m. at the Buffalo Niagara Convention Center, 153 Franklin St., Buffalo. Admission is free. You can buy the authors' books right there at the event, get them signed by the authors and chat with some of the brightest stars in the garden publishing world. [Meet the Authors](#) is being held in conjunction with the Annual Conference & Expo of GWA: The Association of Garden Communicators. Meet the Authors is the only conference activity that is open to the public.

## Saturday, August 5

**Observatory at Beaver Meadow- 7:30pm – 10pm** at Beaver Meadow Audubon Center ([map](#)). The Buffalo Astronomical Association will show visitors the illuminated night sky at the Observatory at Beaver Meadow. Open rain or shine. Visitors are invited to bring their own equipment for viewing. Donations gratefully accepted. First Saturday of the month.

**Beaver Meadow's Wild Summer-11am to 4pm** at Beaver Meadow Audubon Center. \$8/person or \$30 for family of 4, ages 2 and under free. Explore Beaver Meadow through playing in nature - just like you did way back when. Visit our pop-up Nature Play area, craft a crown made with natural materials, and build a fairy house! Everyone will enjoy paddling our pond, playing in the mud, and catching insects in the meadow. We'll also have live birds of prey demonstrations! We have even more in store for people of all ages to enjoy a hands-on day in the woods. [www.buffaloaudubon.org](http://www.buffaloaudubon.org)

**Beyond Flowers Tour: Sustainability in Action-10am to 3pm.** Want to see what Buffalo is doing to be 'Green'? This tour highlights eight strong environment-friendly approaches to achieving 'green' responsibility within the city. From the community-based rooftop garden above the historic Broadway market to a million dollar project on Lake Erie, from the ecological land revival at the Central Terminal to the reclaimed residential sites that now feature urban farms, from the neighborhood rain gardens to the bio-retention cell on the Medical Campus which are helping to save the sewer system - these projects proudly acclaim a solid commitment to environmental improvements and successes. Cost: \$35, includes round-trip transportation, tour guides, tip, and a box lunch. Transportation: Via non-air-conditioned school bus with two rest stops taken during tour. Pick-up: Buffalo Niagara Medical Campus parking lot, 589 Ellicott Street at Goodell Street, with free parking onsite. Online tickets: <http://gardenwalkbuffalo.com/index.php/news/latest-news/194-sustainability-in-action>

**Rabbit, Slither, Croak-10am.** Discover snakes, turtles, frogs and salamanders as we explore the ponds and forests at Reinstein Woods. Reinstein Woods Nature Preserve, Depew. Registration required; call (716) 683-5959.

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

**Walk at Knox Farm State Park: "Pond Dipping" – 9 to 10:30am.** We'll visit and collect from two of the ponds at Knox. We'll get dirty with hands-on learning. Meet in main parking lot. Donations gratefully accepted.

**Docent Training at Buffalo and Erie County Botanical Gardens - 9 a.m. to 2 p.m.** on six Saturdays between Aug. 5 to Sept. 16 at the Botanical Gardens, 2655 South Park Ave., Buffalo. This program offers a chance to become a volunteer docent at the Botanical Gardens, educating visitors of all ages. Docents lead tours, teach hands-on programs and help for many of our education events. An education background is not required, but a high level of interest and enthusiasm is. Anyone who has been trained as a docent in the past and hasn't been

involved recently or would like a refresher is welcome to attend as well. [A class syllabus is available online.](#) The cost is \$25. Registration is available [online.](#)

**Riverside Tour of Gardens** - 10 a.m. to 4 p.m. There will also be a Starry Night tour offered from 8 to 10 p.m. Maps may be picked up at St. Mark's/All Saints Church, 311 Ontario St., Buffalo. The tour is free and self-guided. More than 50 day gardens and 20 night gardens comprise this 13th-annual urban garden tour. The gardeners' creative use of low-voltage lighting lends a magical quality to the evening tour. Applications to share your garden are available [online.](#) For more information, call councilmember Joe Golombek at 716-851-5116 or send an email to [brrtourofgardens@yahoo.com](mailto:brrtourofgardens@yahoo.com)

**Gorge Hiking Series: Where the Falls Began!**-10am to noon at [Earl W. Brydges Artpark State Park.](#) Join us for a hike on both the Artpark Gorge Trail and River's Edge Trail as we discuss the Niagara Escarpment, gorge rock layers and fossils, and of course where the falls began over 12,000 years ago! *For information and registration call (716) 282-5154.*

**Nature and Art**-7 to 9pm at [Evangola State Park.](#) Take in one of Evangola State Park's amazing sunsets while hiking along the scenic Lake Erie shoreline (weather permitting). Then enjoy an evening of Nature and Art activities for the whole family in the historic Nature Center. *For information and registration call (716) 549-1050.*

**Insectival!**-10:00am - 04:00pm. Join us for our seventh annual bug-tastic festival of insects and their crawly cousins within the Tiff Nature Preserve Visitor Center and on the trails! Meet live insects up-close, venture outside for an insect safari, make-and-take buggy crafts, explore educational insectigation stations, try a bite of real edible insects and much more! It's sure to be an insect-errific day for everyone! Rain or shine. Pre-registration required. Time entry at 10AM, 12PM, and 2PM. \$7 non-members, BMS save 10%. All ages welcome. Register online or call 716.825.6397. [register](#)

**Be a Pfeiffer Fido**- 10am to noon. The dog days of summer are upon us! For the Greeks and Romans, the "dog days" happened when Sirius, the dog-star, appeared to rise just before the sun. The dates for this celestial occurrence are July 3rd to August 11th. To celebrate this cosmic event, Pfeiffer Nature Center would like to invite you and your four-legged best friend to the Lillibridge Preserve for a "dog gone great time!" Learn about canine good citizen, obedience, and what it means to be a therapy dog from the Olean Kennel Club. Meet a police dog in training. Take your dog for a stroll along our dog treat trail and participate in the "My Dog Has Talent" contest. All dogs must be current on vaccinations and remain on leash at all times. This event will be held at Pfeiffer Nature Center, 1974 Lillibridge Road, Portville, NY 14770. Fee: \$3 per dog for members, \$5 per dog for non-members. Minors must be accompanied by an adult. **Register by 4pm Thursday, August 3rd.** [Register Here](#) or contact the office at [716-933-0187](tel:716-933-0187).

**Kayak Tour: Living Shorelines** -9am @ Ellicott Creek Park, North Tonawanda , NY. REGISTER AND INFO AT [HTTP://BNRIVERKEEPER.ORG/YELP/](http://BNRIVERKEEPER.ORG/YELP/).

**Erie County Household Hazardous Waste Dropoff**- 9am to 2pm at ECC North Campus (Wehrle Drive entrance) For more information: call 858-6800 or visit [www.erie.gov/recycling](http://www.erie.gov/recycling). No latex paint, computers, tires, pharmaceuticals or alkaline batteries. Due to high demand, allow at least one hour of waiting for unloading of your materials.

**Full Moon Wine & Cheese Paddle**- Wilson Tuscarora Park at 7:30pm. This is a great opportunity to paddle on the lake and catch the superb Lake Ontario Sunset. Wine & Cheese is served on the beach and will cost \$20.00pp. If you need to rent a kayak for the evening the cost is \$30.00 for a single and \$35.00 for a tandem. Rental includes paddles and PFD's. You must bring a battery operated light with you for use once we get back to land (headlamps work best). There is no Drugs or Alcohol allowed on the Water. If you have questions contact us at 213-0350 or at [pppinfo@pathspeakspaddles.com](mailto:pppinfo@pathspeakspaddles.com)

## Sunday, August 6

**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>

**Gooseneck Hill Waterfowl Sanctuary**-Open Sundays July and August 2-5 P.M. Learn to identify 78 different species of waterfowl. Guided tours of all the birds in the beautiful landscaped park. Over 700 flying geese, ducks and swans, baby waterfowl, 78 different species, including over 100 endangered birds. Tour the two largest covered aviaries in the U.S.. Group tours by appointment Monday through Saturday. Admission: Adults \$10, Seniors & Children (under 12) \$7. No pets please! [716-942-6835](tel:716-942-6835), [www.gooseneckhillwaterfowlfarm.com](http://www.gooseneckhillwaterfowlfarm.com), 5067 Townline Road, Delevan, N.Y. 14042

**Trek Tiff**-2 to 3:30pm. Drop in on Sunday afternoon for a guided tour of the Preserve on our beautiful and accessible trails! Please call 716.825.6397 to confirm walk will be taking place. Cost: \$2 donation per person appreciated, All ages welcome.

**WNY VegFest** -11 a.m. to 7 p.m. in Lasalle Park, Buffalo. The event is free and open to the public. WNY Vegfest features world renowned speakers, exhibitors, vendors, live music, delicious and healthy food, children's activities, entertaining performances and a Tofurky Trot. [The Tofurky Trot 5k Run/Walk](#) will start at 10 a.m. Tofurky Trots are designed to support both the health and vitality of local communities and raise money for local groups supporting plant-based diets. There will also be a vegan food drive with proceeds going to the Buffalo chapter of Food Not Bombs.

**Family Walk at Beaver Meadow**-2 to 3pm. Enjoy a guided walk led by one of our naturalists through the Preserve. Donations gratefully accepted. [www.buffaloudubon.org](http://www.buffaloudubon.org)

**Buffalo Ornithological Society Field Trip in Niagara County**-7am. Join Joel Strong in Niagara County for whatever Joel thinks is best. With all the rain we have had this spring and summer, many farm fields have standing water and this has been attracting shorebirds. We will hit some of these ephemeral ponds and mud patches in hopes of finding sandpipers. Joel may also add in a stop at a local migrant trap in hopes of crossing paths with some early southbound passerines. This will be a half-day trip meeting at 7a.m. in the Tops supermarket parking lot at Wrights Corners. Leader - Joel Strong (727) 519-4043, [joelstrong78@yahoo.com](mailto:joelstrong78@yahoo.com)

## Monday, August 7

**Full Moon Walk**-8:30pm. Experience the sights and sounds of wetland creatures under the light of the full moon. Reinstein Woods Nature Preserve, Depew. Registration required; call (716) 683-5959.

**Slow Roll Buffalo**-The season start from 6-8pm. Check the site for location and season's schedule and join hundreds of bikers weekly. <http://slowrollbuffalo.org/schedule/slow-roll-buffalo/>

**Midsummer Night Hike**-7:30pm - 09:00pm at Tiff Nature Preserve. Witness the beauty of both the sun setting and the full moon rising on a casual guided hike through the Preserve at twilight. Ages 18+, \$6 admission. BMS Members save 10%. <https://13520.blackbaudhosting.com/13520/MidSummer-Night-Hike>

**The Bird, Tree & Garden Club of the Chautauqua Institute Lake Walk Series: 'Edible and Medicinal Native Plants'**-6:30 to 7:30pm. Jonathan Townsend, responsible for the ecological integrity of 27 nature preserves across Chautauqua County will share his expertise about native plants growing on the grounds and their traditional uses for food and medicine Chautauqua Watershed Conservancy, 413 North Main Street, Jamestown, NY 14701, 716-664-2166, [info@chautauquawatershed.org](mailto:info@chautauquawatershed.org).

## Tuesday, August 8

**Medicinal Herb Walk**-11am. Enjoy a walk to learn about the medicinal values of the herbs that grow at Reinstein Woods. For adults and children ages 12 and older. Reinstein Woods Nature Preserve, Depew. Registration required; call (716) 683-5959.

**Tuesday Evening Stress Reducer Paddle on Ellicott Creek**-Paths, Peaks & Paddles trip open to all. We meet at the store (1000 Ellicott Creek Rd. Tonawanda) at 6:00pm and take a paddling trip on Ellicott Creek up and around the big island. All are welcome, if you have your own boat (canoe or kayak), there is no charge. If you need to



rent one, the cost for a solo boat is only \$25.00 per boat or \$35.00 for a tandem. The boat rental includes paddle(s) and PFD(s). RESERVATIONS ARE A MUST IF YOU ARE RENTING CALL: 716-213-0350.

**Free Salsa Workshop**-12 to 2pm by Grassroots Gardens WNY at Bennett High School, 2885 Main St., Buffalo. Participants will help make a fresh pico de gallo from the garden while enjoying some salsa music. For more information call 716-783-9653.

**Kayak Tour: Erie Canal**-6pm. @ East Hill Foundation, North Tonawanda , NY. REGISTER AND INFO AT [HTTP://BNRIVERKEEPER.ORG/YELP/](http://BNRIVERKEEPER.ORG/YELP/).

**Food Policy Council of Buffalo & Erie County Meeting**-5:30 P.M. at Innovation Center, Buffalo Niagara Medical Campus, 640 Ellicott Street, Buffalo, NY 14203.

### Wednesday, August 9

**Walking on Wednesdays**-12:10-12:40pm at Kaminski Park, Elm and Carlton St. Free. Sponsored by Buffalo Niagara Medical Campus. Info at <https://bnmc.org/wow/>

**Solar PV for Architects: Evaluation and Design Fundamentals**-9:00am to 1:00pm, ECC's Green Building Technology Training Center (GBTC)4196 Abbott Road, Orchard Park, NY, 14127. The accredited course will provide architects and design professionals with a basic understanding of PV system components, common system types and operating characteristics. Participants will receive training on important design considerations for specifying PV technology as well as structural, electrical, and fire code issues associated with site assessments. Additionally, this training will provide the tools required to evaluate the economic performance and energy output of a solar electric system. This should not be considered a course that will provide all the information that one may require in this field. Free, 3 AIA LU's AVAILABLE. [register](#)

**Tift in the Park**-6:00pm - 08:00pm. Visit our Tift Table in the Buffalo Harbor State Park for hands-on crafts and discovery every Wednesday before Family Movie Nights in the Park. Visit [www.parks.ny.gov/events](http://www.parks.ny.gov/events) for Family Movie Night information. Buffalo Harbor State Park is located just across the road from Tiftt, at 1111 Fuhrmann Boulevard. Free parking is available at both locations. For more information, call Tiftt at 716.825.6397 or Buffalo Harbor State Park at 716.822.1207. Ages: All ages welcome.

**"Algae Blooms, Cyanotoxins, and the Challenges to Provide Safe, Potable Water."**- 2 to 6pm in Sanford Room of Warren Hunting Smith Library, Hobart and William Smith Colleges, 300 Pulteney Street, Geneva , NY 14456. Algal blooms can be dramatic and somewhat unpredictable and the summer of 2016 proved to be quite the challenge for many lake users and potable water supply owners for several of the Finger Lakes. The seminar discussion will be in the context of a case study of the public water supplies that draw water from Owasco Lake. Cost is \$20 (\$10 students). Register [here](#)

**Preservation Buffalo Niagara Tax Credit Drop-In Workshop**- 6–8 pm. Join us for our Homeowner's Tax Credit Drop-In Workshop at the PBN offices! Suite 201, 617 Main St., Buffalo.

**WNY-Mountain-Bike-Meetup**-6:00 pm - 8:30 pm at Sprague Brook Park,9674 Foote Road,Glenwood,NY,14069. <https://www.meetup.com/WNY-Mountain-Bike-Meetup/events/241894050/>

**Buffalo Walks: Richardson Olmsted Campus**-Richardson Olmsted Campus, 444 Forest Avenue (Towers Bldg). A historic one-hour tour of the Richardson Olmsted Campus focusing on the past, present and future of the buildings. Hard hats will be provided. This tour does require walking and climbing multiple flights of stairs so for your safety, wear comfortable closed-toe shoes. You are encouraged to wear layers and bring water & flashlights – you may get dusty. Parking is limited so carpool if possible. You will need to sign a release form to complete the tour. **Tour is \$15.00 for all attendees (members and non-members)**. 5:15 pm Checkin, 5:30 pm Tour Start. RSVP by **August 4, 2017**. [Reserve spaces online here](#)

### Thursday, August 10

**Wetland Band at Great Baehre Swamp**-10am. Search for frogs, turtles and birds along the boardwalk and use instruments to recreate the sounds of the swamp. For children ages 3-12. Note: This program takes place at Great

Baehre Swamp in Amherst. Reinstein Woods Nature Preserve, Depew. Registration required; call (716) 683-5959.

**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.*

**22nd Annual Thursday Evening Stress Reducer Paddle-** Paths, Peaks & Paddles trip open to all on Lake Ontario. We meet out in Wilson at the Wilson Tuscarora State Park (Route 18 East of Niagara Falls) at 6:30pm in the back parking lot. We will either take a paddling trip on either the East or West Branch of Twelve Mile Creek. To top off the evening we paddle out to Lake Ontario and watch a spectacular sunset over Toronto 38 Miles away across the lake. The vibrant colors across the sky and mirrored on the lake is breathtaking. Here you can really appreciate Mother Nature and the beauty she shares with us. All are welcome if you have your own boat (canoe or kayak) there is no charge. If you need to rent one, the cost is only \$30.00 per boat solo or \$40.00 tandem delivered out to Wilson for you, includes paddle(s) and PFD(s). We will bring the rented boat out to you! **RESERVATIONS ARE A MUST IF YOU ARE RENTING CALL: 716-213-0350.**

**Free Pruning and Harvesting Workshop-** 11 a.m. to 12 p.m. at Herman Badillo Bilingual Academy, 315 Carolina St., Buffalo. Participants will find out which plants should be pruned and how to do so. The class will also discuss harvest times and best practices. For more information call 716-783-9653.

**Behind-the-Scenes Collections Tour (adults only): Pan-American Exposition-**2:00pm - 04:00pm. Did you know the Museum of Science houses over 700,000 specimens in our collection, or that a significant part of the collection pertains to the Greater Niagara Region? Tours are approximately 2 hours in length. The Pan-American Exposition The Museum played a significant role in the Pan-American Exposition. See the artifacts that thrilled visitors over a century ago. Ages: Adults 18+. Cost: \$25 non-members (includes Museum admission) / \$15 BMS members. Registration deadline: one week in advance. <https://13520.blackbaudhosting.com/13520/The-Pan-American-Exposition-10Aug2017>

#### **Friday, August 11**

**Expo Story Time-Monkey See Monkey Do Bookstore,** 9060 Main St., Clarence, for kids. Free.

**Company's Coming-Volunteers needed** 9:30am at Pelion Community Garden, 206 Best. St. Help us get ready for summer guests and events! We need help weeding, dead-heading, trimming perennials, mowing, WATERING and sowing seeds so the garden looks GREAT for an upcoming bus tour and cycling event!

<https://www.facebook.com/pg/PelionCommunityGarden/events/>

#### **Saturday, August 12**

**Stroller Strut-**10:30am. Bring your stroller or wagon and share a sensory exploration of nature with your young child. For children ages 3 and under. Reinstein Woods Nature Preserve, Depew. Registration required; call (716) 683-5959.

**Walkabout at Rose Acres Audubon Nature Preserve –** 2pm. Join naturalist Mark Carra for a roundabout/walkabout around a beaver pond and through the woods of Rose Acres. A bit of a long walk and slightly challenging. We'll meet at Beaver Meadow Audubon Center and carpool to Rose Acres. Preregistration required. \$5. [www.buffaloaudubon.org](http://www.buffaloaudubon.org)

**East Side Momentum Bus Tour-**9am to 1pm. Buffalo's East Side is an area of distinct and evolving neighborhoods. On this tour you'll visit six sites that reveal firsthand the changing cultural presence of this diverse section of the city. \$25 includes snacks. [Find out more and purchase tickets here.>>>](#)

**2nd Saturday Walking Tour Around Hoyt Lake-**10am or 1pm, presented by M&T Bank. \$5 for BOPC members and \$10 for non-BOPC members. [For more details, click here.](#)

**Go Catch a Falling Star: Perseid Meteor Shower-**9 to 10:30pm at [Evangola State Park](#). The Perseid Meteor Showers are known for producing bright streaking meteors that often leave trains! Bring a blanket or lawn chair to

catch all the action over dark Lake Erie skies before the rise of a bright moon. For information and registration call (716) 549-1050.

**W.O.W. (Wear It on the Water) Paddle Fest**-11:00 a.m. – 4:00 p.m. at Wilson Tuscarora State Park. Free event featuring ACA Smart Start Kayaking Classes – kayak, paddle and life jacket provided. Water wet exit and recovery demos, life jacket and boating safety information. Free t-shirt to the first 100 participants wearing a life jacket to the *Life Jacket Flash Mob* at 1pm. For information and registration call (716) 282-5154.

**Native American Walk Uses of Wild Plants Part 1**-1:30 to 3:30pm. Meet at Kanyoo Trail, Iroquois National Wildlife Refuge.

**Bark Bash**-Join Friends of Knox Farm from 10am to 3pm - FREE ADMISSION! Country Comfort Inn Bark Dash - Pre Register on the site below! <http://www.friendsofknoxfarm.org/bark-bash>. All leashed, vaccinated, well behaved dogs are welcome to attend! (unleashed dogs are still allowed in the dog park area!)

**Fossil Hunting for Beginners!**- 10 am – 12 pm at Penn Dixie. New to fossil hunting? Learn the tricks of the trade from paleontologist Dr. Holly Schreiber. Tour the site and learn all the best spots to hunt for fossils. Dr. Schreiber will teach you how to find, dig, and preserve all the fossil treasures you find. No experience necessary. All ages welcome. Bring your own tools or borrow from our limited supply. Included with admission or FREE for members.

**Elephantastic**-11am to 3pm at the Buffalo Zoo. Join us as we celebrate our incredible Asian elephants, Jothi and Surapa, as well as elephants around the world! Event highlights include elephant painting with Surapa, keeper talks, raffles, and enrichment activities.

**Native American Walk Uses of Wild Plants Part 1**-1:30PM-3:30PM. Meet at Kanyoo Trail. Iroquois National Wildlife Refuge. [http://www.friendsofiroquoisnwr.org/documents/2017\\_IO\\_brochure.pdf](http://www.friendsofiroquoisnwr.org/documents/2017_IO_brochure.pdf)

## Sunday, August 13

**Mommy and Me Kayak!**- Do you want to introduce your young daughter or son to kayaking but not sure how to go about it? The staff of Paths, Peaks & Paddles would like to share a "Mommy and Me" morning adventure with you! We will provide to you a tandem kayak, paddles and life jackets. Your guide will accompany you down the creek pointing out the great wonders of the outdoors. Don't hesitate to sign up, each outing is geared for small groups so we can spend quality time with each kayak. Cost is \$12 per kayak. Reservations are a must! Time: 9:00 am until approximately 11:30 am. Questions are welcome at: 716-213-0350 or [christine@pathspeakspaddles.com](mailto:christine@pathspeakspaddles.com)

**Gooseneck Hill Waterfowl Sanctuary**-Open Sundays July and August 2-5 P.M. Learn to identify 78 different species of waterfowl. Guided tours of all the birds in the beautiful landscaped park. Over 700 flying geese, ducks and swans, baby waterfowl, 78 different species, including over 100 endangered birds. Tour the two largest covered aviaries in the U.S.. Group tours by appointment Monday through Saturday. Admission: Adults \$10, Seniors & Children (under 12) \$7. No pets please! [716-942-6835](tel:716-942-6835), [www.gooseneckhillwaterfowlfarm.com](http://www.gooseneckhillwaterfowlfarm.com), 5067 Townline Road, Delevan, N.Y. 14042

**Trek Tiff**-2 to 3:30pm. Drop in on Sunday afternoon for a guided tour of the Preserve on our beautiful and accessible trails! Please call 716.825.6397 to confirm walk will be taking place. Cost: \$2 donation per person appreciated, All ages welcome.

**Family Walk at Beaver Meadow**-2 to 3pm. Enjoy a guided walk led by one of our naturalists through the Preserve. Donations gratefully accepted. [www.buffaloudubon.org](http://www.buffaloudubon.org)

**Interpretive Walk: Insects**-10pm to 4pm at Majors Park - East Aurora. Among the oldest animals in the world and without whom humans could not survive, insects are often considered pests. This outing will help us learn that even the most "pesky of pests" play an important role in the web of life and deserve our respect. Register at <http://oakmossed.com/>

## Monday, August 14

**Slow Roll Buffalo**-The season start from 6-8pm. Check the site for location and season's schedule and join hundreds of bikers weekly. <http://slowrollbuffalo.org/schedule/slow-roll-buffalo/>

**Family Movie Night: "The Bee Movie"**-Dusk at Shakespeare Hill in Delaware Park, presented free by Wegmans. [Click here for more details.](#)

**The Bird, Tree & Garden Club of the Chautauqua Institute Lake Walk Series: 'Nutrients and Algae in Chautauqua Lake'**- 6:30-7:30pm at Chautauqua Lake' by Courtney Wigdahl-Perry ([map](#)). Join Courtney, Assistant Professor of Biology at SUNY Fredonia, on her informational walk. Her research explores life at the base of food chains in lakes and how lakes change over time. Join us to learn about life under the water and the role of nutrients in shaping important microscopic communities. Hear stories of nutrient pathways through the watershed, and discover how natural changes and human influences affect our valuable water resources. This presentation will also provide an update on the most recent Chautauqua Lake research projects Courtney has been overseeing. Chautauqua Watershed Conservancy, 413 North Main Street, Jamestown, NY 14701, 716-664-2166, [info@chautauquawatershed.org](mailto:info@chautauquawatershed.org)

**Public Meeting for Erie Canal Harbor Development Corp**-All ECHDC Board of Directors Meetings begin at 10:30 a.m. and are held in the Board Room of ESD's Buffalo Regional Office, 95 Perry Street-Suite 500, Buffalo, NY 14203. Check <https://www.eriecanalharbor.com/publicMeetings.asp> for updates.

## Tuesday, August 15

**Nature's Art Box: Pebble Art** – 3 to 4:30pm. Join us for this super fun program at Beaver Meadow! Participants will select pebbles and sea glass to create a one-of-a-kind frameable work of art. Pre-registration is required. \$5 All Ages. [www.buffaloaudubon.org](http://www.buffaloaudubon.org)

**Invasive Forest Pests: What's Here, What's on the Horizon and How Can We Prepare**-1 to 4pm, part of 2-day workshop. NOCO Pavilion, 450 Ensminger Road, Tonawanda, NY 14223. Has hemlock woolly adelgid arrived in our natural areas in western New York? What might Spotted Lantern Fly in Pennsylvania mean for our forests and grape industry? What is the current status of Emerald Ash Borer. Come join with the New York Department of Agriculture and Markets and CCE Erie to learn how to identify invasive forest pest threats, their biology and how this affects monitoring protocols and how state invasive species regulation apply to disposal and management options. The second day of the workshop will provide an opportunity to survey for forest pests in likely entrance corridors around Erie County. This will be a valuable training for those interested in preserving our forested lands into the future. To register, [CLICK HERE](#) or contact Sharon Bachman at 716-652-5400 x 150 or [sin2@cornell.edu](mailto:sin2@cornell.edu). For persons with disabilities requesting accommodations, please contact Sharon three business days prior to workshop. Free.

**Tuesday Evening Stress Reducer Paddle on Ellicott Creek**-Paths, Peaks & Paddles trip open to all. We meet at the store (1000 Ellicott Creek Rd. Tonawanda) at 6:00pm and take a paddling trip on Ellicott Creek up and around the big island. All are welcome, if you have your own boat (canoe or kayak), there is no charge. If you need to rent one, the cost for a solo boat is only \$25.00 per boat or \$35.00 for a tandem. The boat rental includes paddle(s) and PFD(s). RESERVATIONS ARE A MUST IF YOU ARE RENTING CALL: 716-213-0350.

**Volunteer Workday at the North Tonawanda Audubon Nature Preserve (Klydel Wetlands)**- 9:00am – 12:00pm at North Tonawanda Audubon Nature Preserve, 1324 Fairfield Dr., North Tonawanda, NY 14120. Join Buffalo Audubon and the WNY Partnership for Regional Invasive Species Management (PRISM) for an invasive species removal work day at the North Tonawanda Audubon Preserve on Tuesday, August 15 from 9AM to 12PM. Gloves and hand tools will be provided. Participants should wear sturdy footwear and appropriate clothing, and be prepared to work with brush in potentially hot and buggy conditions. Register by calling [\(585\) 457-3228](tel:585-457-3228) or e-mailing [info@buffaloaudubon.org](mailto:info@buffaloaudubon.org).

**Behind-the-Scenes Collections Tour (Adults Only): Fins, Furs & Feathers**-10:00am - 12:00pm. Did you know the Museum houses over 700,000 specimens in our collection, or that a significant part of the collection pertains to the Greater Niagara Region? Get behind-the-scenes to see what few have seen and explore our research, special, and teaching collections in themed tours taking place throughout the month. Tours are approximately 2

hours in length. Ages: adults 18+, Cost: \$25 non-members, \$15 BMS members. Registration deadline: one week in advance. <https://13520.blackbaudhosting.com/13520/Furs-Fins-and-Feathers-15Aug2017>

**Kayak Tour: Living Shorelines** -6pm @ East Hill Foundation, North Tonawanda , NY. REGISTER AND INFO AT <HTTP://BNRIVERKEEPER.ORG/YELP/>.

### Wednesday, August 16

**Invasive Forest Pests: What's Here, What's on the Horizon and How Can We Prepare**-12pm, part of 2-day workshop. Field location will be announced to registered participants. See first day workshop details for August 15. NOCO Pavilion, 450 Ensminger Road, Tonawanda, NY 14223. This second day of the workshop will provide an opportunity to survey for forest pests in likely entrance corridors around Erie County. This will be a valuable training for those interested in preserving our forested lands into the future. To register, [CLICK HERE](#) or contact Sharon Bachman at 716-652-5400 x 150 or [sin2@cornell.edu](mailto:sin2@cornell.edu). Free.

**Volunteer Open House at Beaver Meadow Audubon Center** -9 to 11:30am. Learn more about volunteering for Buffalo Audubon and participate in some outdoor work around the preserve. [www.buffaloudubon.org](http://www.buffaloudubon.org)

**Evening in the Garden in Jamestown**- Master Gardeners will hold the first Evening in the Garden at 6 p.m. in the Demonstration Garden located at the Frank Bratt Agricultural Center, 3542 Turner Road, Jamestown. <http://www.chautauquawatershed.org/>

**Western New York Rose Society**- 6 p.m. in the Rose Garden in Delaware Park, 199 Delaware Park, Buffalo.

**Walking on Wednesdays**-12:10-12:40pm at Kaminski Park, Elm and Carlton St. Free. Sponsored by Buffalo Niagara Medical Campus. Info at <https://bnmc.org/wow/>

**Junior Explorers: Buffalo Architecture Foundation**-6:30 pm - 8:00 pm. Do you love to create, design, experiment, & explore? Join us for this fast-paced workshop where you'll get a chance to step into an architect's shoes and design your own new building. First, we'll take a walk around Symphony Circle to learn about building designs, uses, & what sorts of buildings make up a community. Then you'll get a chance to work through the design process & use LEGOs to build a model of a building you think would help to complete the community around Symphony Circle! This workshop is led by a specially-trained Explore Buffalo docent & a volunteer architect from the Buffalo Architecture Foundation. \$8/child; pre-registration required. Call (716) 245-3032. Please note: The workshop includes a short outdoor tour that will run rain or shine; please ensure youth are dressed accordingly. Sorry, LEGO models cannot be taken home; we will send a picture of your child's creation to your email address.

**Tiftt in the Park**-6:00pm - 08:00pm. Visit our Tiftt Table in the Buffalo Harbor State Park for hands-on crafts and discovery every Wednesday before Family Movie Nights in the Park. Visit [www.parks.ny.gov/events](http://www.parks.ny.gov/events) for Family Movie Night information. Buffalo Harbor State Park is located just across the road from Tiftt, at 1111 Fuhrmann Boulevard. Free parking is available at both locations. For more information, call Tiftt at 716.825.6397 or Buffalo Harbor State Park at 716.822.1207. Ages: All ages welcome.

**Bike Tour: Power of Niagara**-6pm @ Devils Hole State Park – Niagara Falls, NY. REGISTER AND INFO AT <HTTP://BNRIVERKEEPER.ORG/YELP/>.

**WNY-Mountain-Bike-Meetup**-6:00 pm - 8:30 pm at Hunters Creek. <https://www.meetup.com/WNY-Mountain-Bike-Meetup/events/241894055/>

### Thursday, August 17

**Wellness Walk at Tiftt 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.

**Family Fish Night at Tiftt Nature Preserve**-6:00pm - 07:30pm. Borrow our fishing gear and join in a guided fishing experience off our front fishing pier. Limited space and adult supervision is required. Cost: \$8 per child

with adult, \$4 additional child with same adult. BMS Members save 10%! Ages: 8+.

<https://13520.blackbaudhosting.com/13520/Family-Fish-Night>

**22nd Annual Thursday Evening Stress Reducer Paddle-** Paths, Peaks & Paddles trip open to all on Lake Ontario. We meet out in Wilson at the Wilson Tuscarora State Park (Route 18 East of Niagara Falls) at 6:30pm in the back parking lot. We will either take a paddling trip on either the East or West Branch of Twelve Mile Creek. To top off the evening we paddle out to Lake Ontario and watch a spectacular sunset over Toronto 38 Miles away across the lake. The vibrant colors across the sky and mirrored on the lake is breathtaking. Here you can really appreciate Mother Nature and the beauty she shares with us. All are welcome if you have your own boat (canoe or kayak) there is no charge. If you need to rent one, the cost is only \$30.00 per boat solo or \$40.00 tandem delivered out to Wilson for you, includes paddle(s) and PFD(s). We will bring the rented boat out to you!  
RESERVATIONS ARE A MUST IF YOU ARE RENTING CALL: 716-213-0350.

**Tomatoes-5pm** at Pelion Community Gardens, 206 Best St. Growing your own tomatoes can be challenging; however, the taste of homegrown tomatoes are very much worth the effort. Learn tips on choosing varieties best for your needs, troubleshoot their care, and make a little sauce with us!

<https://www.facebook.com/pg/PelionCommunityGarden/events/>

**Free Salsa Day Workshop-** 11 a.m. to 12 p.m. offered by Grassroots Gardens at Herman Badillo Bilingual Academy, 315 Carolina St., Buffalo. Participants will help make a fresh pico de gallo from the garden while enjoying some salsa music. For more information call 716-783-9653.

**Bioclimatic Ceramic Assemblies-**3:00pm to 6:30pm at Hotel Henry444 Forest Avenue, Buffalo, 14213. Four teams, led by principals from AECOM, Walter P. Moore, Morphosis, UB Department of Architecture, Alfred University College of Ceramics and Boston Valley Terra Cotta will share their research and design prototypes for terracotta façade systems that focus on bioclimatic performance. These strategize ways to develop sustainable micro climates in and around buildings and address issues like energy mitigation, hybrid structural systems and high performance façade systems for shading, snow collecting, heat harvesting and air circulation. 3 AIA LU's are available. This program is free, but registration is required. To register, [visit UB's event page here](#).

## Friday, August 18

**Expo Story Time-Monkey See Monkey Do Bookstore,** 9060 Main St., Clarence, for kids. Free.

## Saturday, August 19

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

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

**Eclipse-o-Rama!** – 11am to 3pm. Join Buffalo Audubon Society and many other partner organizations at the Buffalo and Erie County Central Library in downtown Buffalo for a free family activity day celebrating the upcoming Solar Eclipse! For more information, visit [www.buffalolib.org](http://www.buffalolib.org)

**Creatures of the Night at Tift Nature Preserve-**8:30pm - 10:30pm. What goes screech, peep, and chirp in the night? Tift, Ecology and Environment, Inc. biologists will present a special evening of Buffalo's wild nightlife. Participants safely observe scientific techniques in action like mist netting for bats and luring in insects during a guided night hike and indoor activities. Space is limited. Pre-registration required. For ages 5+. \$7 Non-Members. BMS Members save 10%. <https://13520.blackbaudhosting.com/13520/Creatures-of-the-Night-19Aug2017>

**Bowling For Rhinos-** 6pm on. An annual charity event created by the American Association of Zoo Keepers and run locally by the Zoo Keepers of the Buffalo Zoo. All proceeds of this event directly benefit non-profit conservation organizations, such as the [Lewa Wildlife Conservancy](#), that work to protect endangered wildlife like rhinos and their habitats. Learn more here: <http://bit.ly/29zRByt>.

**Owens Falls Sanctuary Walk-**11am. Take a walk through this hidden treasure in East Aurora with PBN and the Western New York Land Conservancy. Owens Falls features vernal pools, a beautiful waterfall, and some great bird watching and listening opportunities. The site is not open to the public and is only viewable through special

tour- don't miss your opportunity to see this special site for yourself! [Tickets are available for purchase here and include a one-year membership to the Western New York Land Conservancy.](#)

**Animal Artists-** 10:00 a.m. – 12:00 p.m. The Buffalo Zoo is home to some amazing artists, who use their paws, trunks, or scaly skin to make beautiful works of art! This workshop is a special opportunity to learn more about our animal artists. You will discover how zookeepers use training techniques to develop an animal's painting style, observe how zookeepers make paintings with animals from our Education Department, and be challenged to a zoo animal pawprint matching game. You will even get a mini "painting" to take home! Register at <https://buffalozoo.org/single-experience/wild-workshops/> \$30 (members \$25).

**Riverkeeper Waterway Cleanup-**Monthly Waterway Cleanups will be the 3rd Saturday of each month from 10am to 12pm. For location and to register, visit <http://bnriverkeeper.org/cleanup/>

**Kayak Tour: Niagara River Island-9am** @ Griffon Park, Niagara Falls, NY. REGISTER AND INFO AT <HTTP://BNRIVERKEEPER.ORG/YELP/>

**Nature Badge for Girl Scouts, Amphibians and Reptiles-** 10am to 1pm, Lillibridge Preserve, Pfeiffer Nature Center. Join us at Pfeiffer Nature Center as we explore the lifestyles and habits of some of our most mysterious and misunderstood wildlife friends – amphibians and reptiles! This event is packed with all kinds of fun for children and adults. Meet Wildlife Veterinarian Dr. Karen Moran as she shares her first-hand experiences rehabilitating these amazing creatures. Spend time with Pfeiffer Nature Center volunteers as they share natural history and cool facts about our native frogs and salamanders. Enjoy hands-on herpetological arts and crafts. Visit the cabin at 10:30 am and enjoy a "talk" by local conservation biologist Robin Foster where she will discuss the hellbender, our largest salamander and "living fossil". Have your picture taken with SAM (short for Slimy And Misunderstood) – our human-sized hellbender mascot. Come along for a hike led by Robin and fellow biologist Adam Haines to explore the trails of the Lillibridge preserve in search of snakes, frogs, and salamanders. This event is a wonderful opportunity to learn about the biology and importance these animals play in our local ecosystem and how we can help support and protect them. This event will be held at Pfeiffer Nature Center, 1974 Lillibridge Road, Portville, NY 14770. Fee: Free for members and children under 13, \$3 for non-members. Minors must be accompanied by an adult. Register by 4 pm Thursday, August 17<sup>th</sup>. To register, click on "Register for our programs online" at [www.pfeiffernaturecenter.org](http://www.pfeiffernaturecenter.org) or contact the office at 716-933-0187

**Nature Play Experience-**2:30 PM - 4:00 PM. Join us at Bond Lake Park for a reptile appreciation day! We will search for some local scaly friends, go on a camouflage hunt, make our own camouflage, build reptile homes, and play reptile-themed games. Call Lisa at 716-995-6127 to register for this experience. <http://lthibault.wixsite.com/wnyfamilynatureclub/upcoming-events>

## Sunday, August 20

**Lad's and Dad's Kayak-**Do you want to introduce your young daughter or son to canoeing or kayaking but not sure how to go about it? The staff of Paths, Peaks & Paddles would like to share a "Lad & Dad" Sunday morning adventure with you! We will provide to you a tandem kayak or canoe, paddles and life jackets. Your guide will accompany you down the creek pointing out the great wonders of the outdoors. Don't hesitate to sign up, each outing is geared for small groups so we can spend quality time with each kayak or canoe. Cost is \$12 per kayak or canoe. Reservations are a must! Time: 9:00 am until approximately 11:30 am. Questions are welcome at: 716-213-0350 or [christine@pathspeakspaddles.com](mailto:christine@pathspeakspaddles.com)

**Gooseneck Hill Waterfowl Sanctuary-**Open Sundays July and August 2-5 P.M. Learn to identify 78 different species of waterfowl. Guided tours of all the birds in the beautiful landscaped park. Over 700 flying geese, ducks and swans, baby waterfowl, 78 different species, including over 100 endangered birds. Tour the two largest covered aviaries in the U.S.. Group tours by appointment Monday through Saturday. Admission: Adults \$10, Seniors & Children (under 12) \$7. No pets please! [716-942-6835](tel:716-942-6835), [www.gooseneckhillwaterfowlfarm.com](http://www.gooseneckhillwaterfowlfarm.com), 5067 Townline Road, Delevan, N.Y. 14042

**Trek Tiff-**2 to 3:30pm. Drop in on Sunday afternoon for a guided tour of the Preserve on our beautiful and accessible trails! Please call 716.825.6397 to confirm walk will be taking place. Cost: \$2 donation per person appreciated, All ages welcome.

**Family Walk at Beaver Meadow**-2 to 3pm. Enjoy a guided walk led by one of our naturalists through the Preserve. Donations gratefully accepted. [www.buffaloudubon.org](http://www.buffaloudubon.org)

**Bugfest at Bond Lake**-12 to 3pm at Bond Lake Park. <http://www.freewebs.com/bondlake/bondlakepark.htm>

**Bike the Harbor!**-5 to 7pm at [Buffalo Harbor State Park](#). Bring your bike and join us for a leisurely-paced bicycle ride along the Outer Harbor trail. We will stop at several points of interest along the way. Bike helmet is required! *For information and registration call (716) 282-5154.*

## Monday, August 21

**Slow Roll Buffalo**-The season start from 6-8pm. Check the site for location and season's schedule and join hundreds of bikers weekly. <http://slowrollbuffalo.org/schedule/slow-roll-buffalo/>

**The Great American Eclipse**- 1 - 4 pm at Penn Dixie. Join us for a very special astronomy program as the shadow of the moon passes across the U.S. from Oregon to South Carolina. While Western New York will only see a partial eclipse — roughly 75% of the full effect — we're really excited about this rare event. For this event we'll have extra telescopes on site, fun hands-on astronomy activities for all ages, and FREE solar viewing glasses for the first 1,000 guests! Admission will be FREE for members and \$4 for the public. Penn Dixie is [one of several sites](#) hosting a public viewing for this event. For a full listing of viewing locations, safety information, and the science behind the eclipse, visit [buffaloecclipse.org](http://buffaloecclipse.org).

**Chautauqua Institute Lake Walk Series: 'A View of the Lake Through the Trees' by Rick Constantino**- 6:30 to 7:30pm at Lakeside porch of the Youth Activities Center near Heinz Beach. Rick is senior biologist and eco-services manager at Forecon, Inc. which provides arborist consulting services to Chautauqua Institution and continues to implement a Tree Inventory and Risk Assessment for all Institution-owned trees. Chautauqua Lake needs trees, both in its watershed and by its shoreline. Explore the importance of a view of the lake through the trees. Chautauqua Watershed Conservancy, 413 North Main Street, Jamestown, NY 14701, 716-664-2166, [info@chautauquawatershed.org](mailto:info@chautauquawatershed.org)

## Tuesday, August 22

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

**WNY SHA Summer Field Day**- 8:30am to 3:30pm at Orleans County 4-H Fairgrounds, Trolley Building, 12690 Rt. 31 Albion, NY 14411. WNY Soil Health Alliance Summer Field Day is here! Morning lectures from keynote speaker Wendy Taheri of TerraNimbus LLC and John Wallace from Cornell, will be followed by an afternoon at Toussaint Farm's in Ridgeway, NY. Observe 8 cover crop trials and explore a soil pit, with on-site discussion led by Wendy Taheri. There will also be cover crop interseeder and herbicide demonstrations. [Full agenda and speaker profiles can be found here](#). To register for this event, please [download our event flyer](#). You may also register by emailing your name and number of attendees to [wnysoilhealth@gmail.com](mailto:wnysoilhealth@gmail.com). Register by August 18th for reduced pricing. \$40/pre-registered participant; \$50 walk-ins. Lunch is included in the cost of the workshop.

**Kayak Tour: Lumber City Paddle**- 6pm @ East Hill Foundation, North Tonawanda, NY. REGISTER AND INFO AT [HTTP://BNRIVERKEEPER.ORG/YELP/](http://BNRIVERKEEPER.ORG/YELP/).

**Tuesday Evening Stress Reducer Paddle on Ellicott Creek**-Paths, Peaks & Paddles trip open to all. We meet at the store (1000 Ellicott Creek Rd. Tonawanda) at 6:00pm and take a paddling trip on Ellicott Creek up and around the big island. All are welcome, if you have your own boat (canoe or kayak), there is no charge. If you need to rent one, the cost for a solo boat is only \$25.00 per boat or \$35.00 for a tandem. The boat rental includes paddle(s) and PFD(s). RESERVATIONS ARE A MUST IF YOU ARE RENTING CALL: 716-213-0350.

## Wednesday, August 23

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



**Bird Walk for Kids**-6:30pm. Take a walk to look for birds by the ponds and in the woods. Parent or caregiver must accompany child. For children ages 8-12. Reinstein Woods Nature Preserve, Depew. Registration required; call (716) 683-5959.

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

**Walking on Wednesdays**-12:10-12:40pm at Kaminski Park, Elm and Carlton St. Free. Sponsored by Buffalo Niagara Medical Campus. Info at <https://bnmc.org/wow/>

**Tifft in the Park**-6:00pm - 08:00pm. Visit our Tifft Table in the Buffalo Harbor State Park for hands-on crafts and discovery every Wednesday before Family Movie Nights in the Park. Visit [www.parks.ny.gov/events](http://www.parks.ny.gov/events) for Family Movie Night information. Buffalo Harbor State Park is located just across the road from Tifft, at 1111 Fuhrmann Boulevard. Free parking is available at both locations. For more information, call Tifft at 716.825.6397 or Buffalo Harbor State Park at 716.822.1207. Ages: All ages welcome.

**WNY-Mountain-Bike-Meetup**-6:00 pm - 8:30 pm at Sprague Brook Park,9674 Foote Road,Glenwood,NY,14069. <https://www.meetup.com/WNY-Mountain-Bike-Meetup/events/241894050/>

**Pollinator Conservation Course**-Big Flats, NY from 9am to 4:30pm. Cost is \$45. [Click here](#) for the full agenda and registration. This full day workshop, instructed by Kelly Gill of the Xerces Society, will focus on concepts around protecting and enhancing populations of pollinators, especially bees, in agricultural landscapes. The course will provide an overview of bee natural history and farm practices that support pollinators, such as protecting and creating habitat, modified horticultural practices, and advice on how to manage pests while protecting pollinators. In addition to receiving the latest cutting edge scientific findings, course participants will conduct a field tour to practice identifying bees and their habitat.

#### **Thursday, August 24**

**Edible Flowers & Creative Containers**-5pm at Pelion Community Garden, 206 Best St. Add CHARM to any meal by growing your own edible flowers! Learn which blooms can be used in recipes from: brunch, salads, cocktails, desserts and dinners. Identify the flavors and sample a few right from our garden. Look through a variety of creative containers growing options for your home, office, church or balcony. <https://www.facebook.com/pg/PelionCommunityGarden/events/>

**Putting your Garden to Bed Workshop**- 11 a.m. to 12 p.m. at Herman Badillo Bilingual Academy, 315 Carolina St., Buffalo. The class will discuss a few different methods of preparing raised beds for the winter months that will both protect and add nutrients back into the soil. For more information call 716-783-9653.

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

**22nd Annual Thursday Evening Stress Reducer Paddle**- Paths, Peaks & Paddles trip open to all on Lake Ontario. We meet out in Wilson at the Wilson Tuscarora State Park (Route 18 East of Niagara Falls) at 6:30pm in the back parking lot. We will either take a paddling trip on either the East or West Branch of Twelve Mile Creek. To top off the evening we paddle out to Lake Ontario and watch a spectacular sunset over Toronto 38 Miles away across the lake. The vibrant colors across the sky and mirrored on the lake is breathtaking. Here you can really appreciate Mother Nature and the beauty she shares with us. All are welcome if you have your own boat (canoe or kayak) there is no charge. If you need to rent one, the cost is only \$30.00 per boat solo or \$40.00 tandem delivered out to Wilson for you, includes paddle(s) and PFD(s). We will bring the rented boat out to you! **RESERVATIONS ARE A MUST IF YOU ARE RENTING CALL: 716-213-0350.**

**Kayak Tour: Strawberry Island**-6pm @ East River Marsh, Grand Island, NY. REGISTER AND INFO AT [HTTP://BNRIVERKEEPER.ORG/YELP/](http://BNRIVERKEEPER.ORG/YELP/).

### Friday, August 25

**Friday Night Lights at Aquarium of Niagara**- 7 to 10pm. Visit the Aquarium of Niagara after-hours! Join us for fun games, live music, delicious food and a special sea lion show! Then top it all off by watching the fireworks over the Falls from our outdoor deck! Included with regular admission-refreshments will be for sale.

**Expo Story Time-Monkey See Monkey Do Bookstore**, 9060 Main St., Clarence, for kids. Free.

**Behind-the-Scenes Collections Tour (adults only): Mastodons in Our Backyard**- 10:00am - 12:00pm. Did you know the Museum houses over 700,000 specimens in our collection, or that a significant part of the collection pertains to the Greater Niagara Region? Get behind-the-scenes to see what few have seen and explore our research, special, and teaching collections in themed tours taking place throughout the month. Tours are approximately 2 hours in length. Mastodons in our Backyard: The Byron Dig Seymour isn't the only Mastodon at the Museum! Learn more about the Museum's Mastodons excavated from the local Genesee County dig site and take a look at the specimens that teach us about life on the Niagara Frontier over 10,000 years ago. Ages: Adults 18+. Cost: \$25 non-members (includes Museum admission) / \$15 BMS members. Registration deadline: one week in advance. <https://13520.blackbaudhosting.com/13520/Mastodons-in-our-Backyard-25Aug2017>

### Saturday, August 26

**Monarch Tag and Release**-10:30am. Learn how monarch butterflies are tagged and recorded for research, then release them for their journey down south. For adults and children ages 10 and older. Reinstein Woods Nature Preserve, Depew. Registration required; call (716) 683-5959.

**Monarch Release at Clarence Hollow's Farmers' Market**- 10717 Main Street, Clarence, NY. Join us at the Clarence Hollow Farmers' Market for a celebratory butterfly release! We'll have a table set up educating people on invasive species, more specifically on swallow wort. Swallow wort has great effects on the monarch's life cycle by decreasing their populations drastically. That's why we'll be informing the public on how they can prevent the spread of invasive species in order to help out monarchs as well as other native species.

**Birding 101: Class #8**-2:30pm. Why do birds migrate? Learn which species to look for as they prepare for their long journey south. For adults and children ages 8 and older. Reinstein Woods Nature Preserve, Depew. Registration required; call (716) 683-5959.

**End of Summer Night Hike and Campfire** – 7 to 9pm. Join us around the campfire for S'mores before a sunset night hike at Beaver Meadow Audubon Center. Beavers, Owls, Bats, Raccoons, and Nighthawks will all be out and about getting ready for fall! Preregistration is required. \$5. [www.buffaloudubon.org](http://www.buffaloudubon.org)

**Monarch Butterfly Festival**- 10 a.m. to 4:30 p.m. at the Audubon Community Nature Center, 1600 Riverside Road, Jamestown. Enter a room filled with free-flying monarch butterflies. You can feed them or wander over to see how citizen scientists tag the butterflies to track their migration to Mexico. Enjoy their life cycle as you examine monarch eggs and hold caterpillars. Go outside and use an insect net to catch insects. Scouts who attend will earn a special patch, on a first come first served bases. Tickets are \$8 for adults ages 16 and older and \$6 for Nature Center members and children ages 3 to 15. Children 2 and younger get in free.

**Life in a Forest: Evangola**-10am to noon at Evangola State Park. Every forest has a story to tell. We will explore diverse forest communities and the dramas unfolding among them. Focus will be placed on early successional forests. *For information and registration call (716) 549-1050.*

**Gorge Hiking Series: Evening at the Flats**-4:30 to 7:30pm at Whirlpool State Park. There is nothing better than a gorge hike in the evening! Bring along a snack for a hike on the Whirlpool Rapids Trail to get a close up view of the amazing Whirlpool and rapids! *For information and registration call (716)282-5154.*

**Midsummer Night's Adventure-** 5pm at Penn Dixie. Spend an evening on a twilight walk across our 54-acre fossil park to search for extinct marine animals, but don't forget to bring a lantern or flashlight to help uncover the buried geological treasure. Our educators will be on hand to assist novices and experienced fossil hunters alike. For those looking up, sunspot viewing will be available until dusk. After dark, our telescopes will focus on the waxing gibbous Moon and all five naked eye visible planets (Mercury, Venus, Mars, Jupiter and Saturn). The Summer Triangle will be high in the east for good viewing of M57 the Ring Nebula in Lyra and the Star Albireo in Cygnus. Admission is \$9 for adults and \$7 for children; members attend for FREE.

**Junior Explorers + BAF-**11:00 am - 12:30 pm. Do you love to create, design, experiment, & explore? Join us for this fast-paced workshop where you'll get a chance to step into an architect's shoes and design your own new building. First, we'll take a walk around Symphony Circle to learn about building designs, uses, & what sorts of buildings make up a community. Then you'll get a chance to work through the design process & use LEGOs to build a model of a building you think would help to complete the community around Symphony Circle! Bring your creative ideas & get ready to have fun! This workshop is led by a specially-trained Explore Buffalo docent & a volunteer architect from the Buffalo Architecture Foundation. \$8/child; pre-registration required. Call (716) 245-3032. Please note: The workshop includes a short outdoor tour that will run rain or shine; please ensure youth are dressed accordingly. Sorry, LEGO models cannot be taken home; we will send a picture of your child's creation to your email address.

**Kayak Tour: Lower Niagara River-**9:00 AM – 11:30 AM at Stella Niagara Preserve, Stella Niagara, NY, 4421 Lower River Rd, Stella Niagara, NY 14144. Launch with us at the newly restored Stella Niagara Preserve and learn about Niagara River formation, habitat, and wildlife. [http://bnriverkeeper.org/event/kayak-tour-lower-niagara-river-3/?instance\\_id=264](http://bnriverkeeper.org/event/kayak-tour-lower-niagara-river-3/?instance_id=264)

### Sunday, August 27

**Wild Wing Festival-Fundraiser** for Gooseneck Hill Waterfowl Sanctuary from 12:00 - 5:00 at our Sanctuary at 5067 Townline Road, Delevan. Admission is \$5. There will be music by "The Rustic Ramblers" with Gene Hiltz on Steel Guitar, food by Colden Mill with Pulled Pork, Hamburgers, Hot Dogs, and other items, Bird Tours are \$2 for each Aviary. No pets please! [716-942-6835](tel:716-942-6835), [www.gooseneckhillwaterfowlfarm.com](http://www.gooseneckhillwaterfowlfarm.com), 5067 Townline Road, Delevan, N.Y. 14042

**Trek Tiff-**2 to 3:30pm. Drop in on Sunday afternoon for a guided tour of the Preserve on our beautiful and accessible trails! Please call 716.825.6397 to confirm walk will be taking place. Cost: \$2 donation per person appreciated, All ages welcome.

**Family Walk at Beaver Meadow-**2 to 3pm. Enjoy a guided walk led by one of our naturalists through the Preserve. Donations gratefully accepted. [www.buffaloudubon.org](http://www.buffaloudubon.org)

**Buffalo Ornithological Society Field Trip in Ontario-**Meet at 7am at the corner of Vermont St and Busti in Buffalo. \*\*\*Proper id required to cross the border into Canada! There is an entrance fee for this park. Join Doug Happ along the NE shore of Lake Erie to seek out migrant shorebirds. Rock Point has treated viewers to regionally rare species like Red Knot, Western Sandpiper and Willet in years past. Orchard Orioles have bred in this park and may still be present during the August trip. We will hopefully cross paths with migrant warblers as well! After Rock Point, we will continue on to the nearby sod farms to search for 'grasspipers' that prefer this different habitat. Whimbrel and Piping Plover have graced this sod farm in previous years. Be prepared to walk over rocky, exposed lake bed when at Rock Point as well as a staircase down to the shore. Bring drinks and a lunch as there aren't amenities other than bathrooms within the park. Leader: Doug Happ ([dhapp@msn.com](mailto:dhapp@msn.com))

### Monday, August 28

**Slow Roll Buffalo-**The season start from 6-8pm. Check the site for location and season's schedule and join hundreds of bikers weekly. <http://slowrollbuffalo.org/schedule/slow-roll-buffalo/>

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

## Tuesday, August 29

**Tuesday Evening Stress Reducer Paddle on Ellicott Creek-**Paths, Peaks & Paddles trip open to all. We meet at 1000 Ellicott Creek Rd. Tonawanda at 6:00pm and take a paddling trip on Ellicott Creek up and around the big island. All are welcome, if you have your own boat (canoe or kayak), there is no charge. If you need to rent one, the cost for a solo boat is only \$25.00 per boat or \$35.00 for a tandem. The boat rental includes paddle(s) and PFD(s). RESERVATIONS ARE A MUST IF YOU ARE RENTING CALL: 716-213-0350.

## Wednesday, August 30

**Walking on Wednesdays-**12:10-12:40pm at Kaminski Park, Elm and Carlton St. Free. Sponsored by Buffalo Niagara Medical Campus. Info at <https://bnmc.org/wow/>

**Tifft in the Park-**6:00pm - 08:00pm. Visit our Tifft Table in the Buffalo Harbor State Park for hands-on crafts and discovery every Wednesday before Family Movie Nights in the Park. Visit [www.parks.ny.gov/events](http://www.parks.ny.gov/events) for Family Movie Night information. Buffalo Harbor State Park is located just across the road from Tifft, at 1111 Fuhrmann Boulevard. Free parking is available at both locations. For more information, call Tifft at 716.825.6397 or Buffalo Harbor State Park at 716.822.1207. Ages: All ages welcome.

**WNY-Mountain-Bike-Meetup-**6:00 pm - 8:30 pm at Sprague Brook Park, 9674 Foote Road, Glenwood, NY, 14069. <https://www.meetup.com/WNY-Mountain-Bike-Meetup/events/241894050/>

**Bike Tour: River Geology-** 6:00 PM – 8:30 PM at Lewiston Silo – Lewiston, NY, 115 N Water St. Explore an area rich in history as we ride from Lewiston to Fort Niagara and back. Learn how the gorge was carved over time by the Niagara River! Speed: 8-10, Length: 14 miles. \*Prior registration required\* [register](#)

## Thursday, August 31

**Cool Crops for Winter Harvest-**5pm at Pelion Community Garden, 206 Best. St. Buffalo CAN grow food well into the winter! Learn which super foods and plants are most successful. Build one example with us and see a few more solutions which may work for your space. <https://www.facebook.com/pg/PelionCommunityGarden/events/>

**Buffalo Niagara Riverkeeper Fundraiser: Water for Life-** 6 to 9pm at Buffalo and Erie County Naval & Military Park – 1 Naval Park Cove, Buffalo, NY 14202 – Aboard the USS Little Rock. \$40 tickets. <http://bnriverkeeper.org/waterforlife/>

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

**22nd Annual Thursday Evening Stress Reducer Paddle-** Paths, Peaks & Paddles trip open to all on Lake Ontario. We meet out in Wilson at the Wilson Tuscarora State Park (Route 18 East of Niagara Falls) at 6:30pm in the back parking lot. We will either take a paddling trip on either the East or West Branch of Twelve Mile Creek. To top off the evening we paddle out to Lake Ontario and watch a spectacular sunset over Toronto 38 Miles away across the lake. All are welcome if you have your own boat (canoe or kayak) there is no charge. If you need to rent one, the cost is only \$30.00 per boat solo or \$40.00 tandem delivered out to Wilson for you, includes paddle(s) and PFD(s). We will bring the rented boat out to you! RESERVATIONS ARE A MUST IF YOU ARE RENTING CALL: 716-213-0350.

## Friday, September 1

**Goat Island Adventure Walk-**7:30 to 9:30pm at [Niagara Falls State Park](#). Relax and unwind while walking around the oldest state park in the United States. Enjoy stories of yesteryears and today. End your walk with fireworks at 10:00 p.m. weather permitting. *For information and registration call (716) 282-5154.*

## Saturday, September 2

**Observatory at Beaver Meadow-** 7:30pm – 10pm at Beaver Meadow Audubon Center ([map](#)). The Buffalo Astronomical Association will show visitors the illuminated night sky at the Observatory at Beaver Meadow. Open rain or shine. Visitors are invited to bring their own equipment for viewing. Donations gratefully accepted. First Saturday of the month.

## Sunday, September 3

**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>

**Trek Tift**-2 to 3:30pm. Drop in on Sunday afternoon for a guided tour of the Preserve on our beautiful and accessible trails! Please call 716.825.6397 to confirm walk will be taking place. Cost: \$2 donation per person appreciated, All ages welcome.

**Family Walk at Beaver Meadow**-2 to 3pm. Enjoy a guided walk led by one of our naturalists through the Preserve. Donations gratefully accepted. [www.buffaloudubon.org](http://www.buffaloudubon.org)

**Buffalo Ornithological Society Field Trip to Fort Erie**-Leader: Marcie Jacklin, Meet at 8am in the parking lot at the south end of Crescent Road. From here we can carpool if necessary. This trip will focus on southbound migrants, both passerines and shorebirds. The north shore of Lake Erie just west of Buffalo has many great little migrant traps and Marcie knows them well. This trip will probably visit Jaeger Rocks (near historic Old Fort Erie), the foot of Kraft Road and the rocky shore at Windmill Point. There is also a woodlot where the old Erie Beach Casino used to stand, now a communal roost of Red-headed Woodpeckers stages here before migrating south and we hope to enjoy their company! Remember to bring proper identification to cross the border!

## Monday, September 4

**Slow Roll Buffalo**-The season start from 6-8pm. Check the site for location and season's schedule and join hundreds of bikers weekly. <http://slowrollbuffalo.org/schedule/slow-roll-buffalo/>

### Tips for the Environment:

1. **Rearrange your furnishings**- According to [Energy.gov](http://Energy.gov), placing things that heat up, like lamps or TVs, near your thermostat sensor can cause the air conditioner to run longer than necessary. The thermostat senses heat from the appliances. Rearrange those items and you'll save energy.
2. **Food Date Guidelines: Quality vs Safety** -Many food products have dates stamped on the container, but don't toss your food using only the date as a guide. The date may be a sell-by date for the retailer, a production date or a suggested date for consumption to ensure quality. For example, eggs can be used beyond the package dates – [eggdates](http://eggdates). For info on product dates and safety guidelines, visit [productdating](http://productdating).

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

So many of us talk green but not everyone has made a change in their extravagant lifestyles. Our culture appears hopelessly addicted to shopping sprees, fast foods, and \$100 sneakers?

You may have heard stories from our elders about the millions of Americans who, during World War II, left cars at home to ride bikes to work. The Victory Garden was created and by 1943, beans and carrots were growing on the former White House lawn. First Lady Eleanor Roosevelt, along with nearly 20 million other victory gardeners, was producing 40 percent of the nation's vegetables in U.S. cities. People shared their dinners with strangers, and conscientiously attempted to reduce unnecessary consumption and waste.

Here are some simple actions that our grandparents taught us that can help save the world and make a difference.

1. **A VICTORY GARDEN** can be started on a small scale: Get your children excited about gardening. You do not have

to dig up your front lawn to start a vegetable garden. If space is limited, allow children to grow plants in window boxes or other containers. There are patio tomatoes and peppers that grow beautifully in pots. Enjoy working together with the children and let them experience the love you have for gardening. **Benefit to you:** Good health and quality time with the children.

**2. BUY LOCAL:** If you cannot grow your own food at least buy fresh local produce. It will help save energy by reducing fossil fuels used to ship foods cross-country - less fuel is burned in getting it to your town. Your recent meal may have traveled 1,500 - 3,000 miles to get to your table. Green markets, farm stands, and conscientious supermarkets all offer organic, locally grown produce. **Benefit to you:** Reduced air pollution and fresher food. Money spent in your community benefits everyone who lives there.

**3. CLOTHES DRYING:** If you can, hang a clothes line as a good alternative to your energy-hungry dryer. During the summer months, when there's a breeze, your clothes dry quickly. During the winter months place a clothes line in the attic or basement. **Benefit to you:** Lower utility bills and your clothes will have a fresher smell than any laundry product can give.

**4. AIR CONDITIONERS vs. FANS:** Warm summer days are made for open windows—save your air conditioners for the really hot days. On average, cooling accounts for a high percentage of household energy use. Install an Energy Star certified ceiling fan (50 percent more efficient than others) and comfortably keep your home cooler. Ceiling fans make a big difference in air circulation. Install one and save up to 40 percent on the cost of air-conditioning a room in summer. **Benefits to you:** a lower monthly electric bill and you have been friendly to the environment.

**5. NO MORE BOTTLED WATER:** Local water is safe to drink. Get in the habit of carrying water with you when you leave home. Buy a reusable bottle that fits your lifestyle (and your purse) – get out of the habit of buying a new one every lunchtime. Three and a half million plastic bottles are used in the United States every hour but only one in five is recycled. **Benefit to you:** Financial savings as well as improved health by no longer consuming chemicals from plastic bottles.

Whether recycling or trying an alternative energy source, every little bit matters; it is time for us to implement some simple changes in our lives in order to create a real impact on the world.

“Don't forget together we can make a difference.” - [lesleyhaynes14@yahoo.com](mailto:lesleyhaynes14@yahoo.com)

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## 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-** Help with tour leading, office work, programming 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 & 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.

**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](mailto: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](mailto: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](http://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. 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](mailto:GardenWalkBuffalo@yahoo.com).

**Go Bike Buffalo**- If you're interested or want more information, [info@gobikebuffalo.org](mailto: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](mailto: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](mailto:info@hawkcreek.org).

**HOME, Inc.** (Housing Opportunities Made Equal) seeks volunteers to work on various committees to further fair housing. For info/application, visit their website at [www.homeny.org](http://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](mailto: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](mailto: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.

**Preservation Buffalo Niagara**-Interns & volunteers welcome. [www.preservationbuffaloniagara.org](http://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.

**Tifft Nature Preserve** also needs volunteers for their programs, communications, fund-raising and other events. Call 662-1342 or email [tifftfriends@yahoo.com](mailto:tifftfriends@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.ecatrail.org/>

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Times Beach Nature Preserve- [www.facebook.com/pages/Friends-of-Times-Beach-Nature-Preserve/283210257029](http://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](http://www.blackdogsecondchance.org)

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

Eco-Island Nature Center- [www.k12.ginet.org/resources.cfm?subpage=6518](http://www.k12.ginet.org/resources.cfm?subpage=6518)

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

Erie Canal Trailway- [www.ptny.org/bikecanal](http://www.ptny.org/bikecanal)



Niagara Watershed Alliance- <http://www.had-e-nuff.com/id6.html>  
Rochester Roots-<http://www.rochesterroots.org/>  
SOLE of Buffalo- <https://www.facebook.com/pages/SOLE-of-Buffalo/242409525795420>  
New York Times Green Energy & Environment-<http://green.blogs.nytimes.com/>  
South Buffalo CREW- <http://www.southbuffalocrew.com/>  
U Save Buffalo/Recycling- <http://www.facebook.com/USaveBuffalo>  
We Love Outdoors-<http://www.weloveoutdoors.com/>  
WNY Chapter/American Chemical Society- <http://wny.sites.acs.org/>  
Fishing Outdoors- <http://www.huntfishnyoutdoors.com/events.php>  
WGRZ Outdoors- <http://www.wgrz.com/local/2-the-outdoors/>  
Citizen Science Opportunities- [listing](#)

### **New York State Resources**

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

### **Green Jobs, Internships and Opportunities**

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

### **Youth Summer/Holiday Camps/Home School Series**

[www.aquariumofniagara.org](http://www.aquariumofniagara.org)  
[www.buffaloudubon.org](http://www.buffaloudubon.org)  
[www.buffalogardens.com](http://www.buffalogardens.com)  
[www.buffscience.org](http://www.buffscience.org)  
[www.tifft.org](http://www.tifft.org)  
[www.buffalozoo.org](http://www.buffalozoo.org)  
[www.penndixie.org](http://www.penndixie.org)  
[www.yourspca.org](http://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/](http://www.wnygrantmakers.org/)  
[www.grantstation.com](http://www.grantstation.com)  
[www.grantwatch.com](http://www.grantwatch.com)  
[www.grantwrangler.com](http://www.grantwrangler.com)  
[www.grantsalert.com](http://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](http://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](http://www.fentonsproduce.com)

First Light Farm and Creamery- <http://www.first-light-farm.com>

Five Loaves Farm- [Kauffman.m@gmail.com](mailto:Kauffman.m@gmail.com)

Flavor Farm- [www.flavor-farm.com](http://www.flavor-farm.com)

Good Food Farm- [www.goodfoodfarm.blogspot.com](http://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](http://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/](http://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](http://www.therootdownfarm.com)

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

Singer Farms Naturals-[www.singerfarmnaturals.com](http://www.singerfarmnaturals.com)

Thorpe's Organic Farm- [www.thorpesorganicfamilyfarm.com](http://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](http://www2.erie.gov/recycling/index.php?q=node))**

Batteries- Twin Village Salvage Recycling, 4153 Broadway, Depew 683-5373

Batteries, rechargeable- drop offs at Office Depot, Best Buy, Target, Walmart, Radio Shack, Lowe's

Bicycles- Buffalo Blue Bicycle <http://gobikebuffalo.org/>

Books- [www.booksforafrica.org](http://www.booksforafrica.org), [www.operationpaperback.org](http://www.operationpaperback.org)  
Bottle and jar caps-Weisenbach Recycled Products in Ohio. [CapsCando.com](http://CapsCando.com).  
Bras- [www.donateyourbra.com](http://www.donateyourbra.com), [www.brarecycling.us](http://www.brarecycling.us)  
Building materials- [www.buffaloreuse.org](http://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/](http://www.donatemyweddingdress.org/), [www.careergear.org](http://www.careergear.org), [www.dressforsuccess.org](http://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](http://www.greenergadgets.org/recycling-responsibly.html), most electronics stores, [www.sunnking.com](http://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 18<sup>th</sup> 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](http://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](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](http://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)  
Shoes, athletic-[NikeReuseAShoe.com](http://NikeReuseAShoe.com), [Souls4Souls.org](http://Souls4Souls.org) and [OneWorldRunning.com](http://OneWorldRunning.com)  
Sports equipment-resell/trade at [www.playitagainsports.com](http://www.playitagainsports.com)  
Styrofoam- Thermal Foams, Inc. accepts clean, white Styrofoam at 2101 Kenmore Avenue, 14207. Please call first  
at (716) 874-6474.  
Tennis balls- <http://www.rebounces.com/recycle/>  
Toys, plastic- [http://dmpgreen.com/mail\\_in.html](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](http://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](http://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:**

|  |   |
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| Adirondack Mountain Club-Niagara Frontier Chapter<br>Meetings 7:30, second Tues. from Sept.-June | <a href="http://adk-nfc.org/">http://adk-nfc.org/</a>   |
| AIA Buffalo Western NY   | <a href="https://www.aiabuffalowny.org/">https://www.aiabuffalowny.org/</a>                                     |
| Air and Waste Management Association   | <a href="https://awmanfs.wildapricot.org/">https://awmanfs.wildapricot.org/</a>                                 |
| Allegany Nature Pilgrimage   | <a href="http://alleganynaturepilgrimage.com/">http://alleganynaturepilgrimage.com/</a>                         |
| Alliance for the Great Lakes   | <a href="http://www.greatlakes.org">www.greatlakes.org</a>  |
| American Planning Association-WNY Section/Upstate  | <a href="http://www.wnyapa.com">www.wnyapa.com</a>  |
| American Meteorological Society-WNY Chapter  | <a href="http://www.facebook.com/amswnychapter">www.facebook.com/amswnychapter</a>                              |
| Amherst State Park Arboretum   | <a href="http://www.amherststatepark.org/ASP/Welcome.html">http://www.amherststatepark.org/ASP/Welcome.html</a> |
| Animal Advocates of Western New York   | <a href="http://www.animalswny.org/">http://www.animalswny.org/</a>   |
| Aquarium of Niagara  | <a href="http://www.aquariumofniagara.org">www.aquariumofniagara.org</a>  |
| Asha Sanctuary for Rescued Farm Animals  | <a href="http://www.ashasanctuary.com/">http://www.ashasanctuary.com/</a>                                       |
| AWARE-Assoc. for Wild Animal Rehabilitation & Education  | <a href="http://www.awarewildlife.com/">http://www.awarewildlife.com/</a>                                       |
| Bergen Swamp Preservation Society  | <a href="http://www.bergenswamp.org/">http://www.bergenswamp.org/</a>   |
| Bless the Beasts Foundation  | <a href="http://blessthebeastsinc.webs.com/">http://blessthebeastsinc.webs.com/</a>                             |
| Bond Lake Environmental & Beautification Committee   | <a href="http://www.freewebs.com/bondlake/">http://www.freewebs.com/bondlake/</a>                               |
| Braddock Bay Bird Observatory  | <a href="http://braddockbaybirdobservatory.wordpress.com/">http://braddockbaybirdobservatory.wordpress.com/</a> |
| Buffalo Architecture Foundation  | <a href="http://www.buffaloarchitecture.org/">http://www.buffaloarchitecture.org/</a>                           |

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| Buffalo Astronomical Association   | <a href="http://buffaloastronomy.com/">http://buffaloastronomy.com/</a>                                 |
| Buffalo Audubon Society/Beaver Meadow Nature Center                                    | <a href="http://www.buffaloaudubon.org">www.buffaloaudubon.org</a>                                      |
| Buffalo Bike Share   | <a href="http://www.buffalobikeshare.org/">www.buffalobikeshare.org/</a>                                |
| Buffalo Niagara Community Reinvestment Coalition                                       | <a href="https://www.facebook.com/BNCRC/">https://www.facebook.com/BNCRC/</a>                           |
| Buffalo and Erie County Botanical Gardens  | <a href="http://www.buffalogardens.com">www.buffalogardens.com</a>                                      |
| Buffalo Farm to School Program   | <a href="http://buffalofarmtoschool.org/">http://buffalofarmtoschool.org/</a>                           |
| Buffalo First  | <a href="http://www.buffalofirst.org/">www.buffalofirst.org/</a>  |
| Buffalo Geological Society<br>Meetings 7:30pm, first Fri. Oct-April, Parkside Lutheran | <a href="http://www.bgsny.org">www.bgsny.org</a>  |
| Buffalo Green Code   | <a href="http://www.buffalogreencode.com/">http://www.buffalogreencode.com/</a>                         |
| Buffalo Heritage Carousel  | <a href="http://buffaloheritagecarousel.org/">http://buffaloheritagecarousel.org/</a>                   |
| Buffalo in Bloom   | <a href="http://www.buffaloinbloom.com">http://www.buffaloinbloom.com</a>                               |
| Buffalo Maritime Center  | <a href="http://www.buffalomaritimecenter.org/">http://www.buffalomaritimecenter.org/</a>               |
| Buffalo Museum of Science  | <a href="http://www.sciencebuff.org/">www.sciencebuff.org/</a>  |
| Buffalo Niagara Riverkeeper  | <a href="http://www.bnriverkeeper.org/">www.bnriverkeeper.org/</a>                                      |
| Buffalo Olmsted Parks Conservancy  | <a href="http://www.bfloparks.org">www.bfloparks.org</a>  |
| Buffalo Orienteering Club  | <a href="http://www.buffalo-orienteeing.org/">http://www.buffalo-orienteeing.org/</a>                   |
| Buffalo Ornithological Society   | <a href="http://www.buffaloornithologicalsociety.org/">http://www.buffaloornithologicalsociety.org/</a> |
| Buffalo Recycles   | <a href="http://buffalorecycles.org/">http://buffalorecycles.org/</a>                                   |
| Buffalo ReUse  | <a href="http://www.buffaloreuse.org/">www.buffaloreuse.org/</a>  |
| Buffalo Urban Development Corp   | <a href="http://budc.ecidany.com/">http://budc.ecidany.com/</a>   |
| Buffalo Zoo  | <a href="http://www.buffalozoo.org">www.buffalozoo.org</a>  |
| Burchfield Nature and Art Center   | <a href="http://www.burchfieldnac.org/">http://www.burchfieldnac.org/</a>                               |
| Center for Environmental Information (Rochester)                                       | <a href="http://ceinfo.org/">http://ceinfo.org/</a>   |

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| Center for the Study of Art, Architecture, History and Nature  | <a href="http://buffaloah.com/h/center/index.html">http://buffaloah.com/h/center/index.html</a>   |
| Chautauqua Watershed Conservancy                               | <a href="http://www.chautauquawatershed.org/">http://www.chautauquawatershed.org/</a>             |
| Chestnut Ridge Conservancy                                     | <a href="http://chestnutridgeconservancy.org/">http://chestnutridgeconservancy.org/</a>           |
| Citizens Campaign for the Environment                          | <a href="http://www.citizenscampaign.org">www.citizenscampaign.org</a>                            |
| Citizens Coalition for Wildlife and Environment                | <a href="http://citizencoalitionwe.com/">http://citizencoalitionwe.com/</a>                       |
| Citizens for Regional Transit                                  | <a href="http://www.citizenstransit.org/">www.citizenstransit.org/</a>                            |
| Citizen Science Community Resources                            | <a href="http://www.airhugger.org/">http://www.airhugger.org/</a>                                 |
| Clarence Bluebird Trail  | <a href="http://www.clarencebluebirdtrail.org">www.clarencebluebirdtrail.org</a>                  |
| Clean Air Coalition of Western New York                        | <a href="http://www.cacwny.org/">http://www.cacwny.org/</a>                                       |
| Clean Communities of Western New York                          | <a href="http://www.ccofwny.org/">http://www.ccofwny.org/</a>                                     |
| Coalition of Positively Charged People                         | <a href="https://www.coalitionpositive.org/">https://www.coalitionpositive.org/</a>               |
| Community Action Organization of Erie County                   | <a href="http://www.caoec.org/">http://www.caoec.org/</a>   |
| Community Foundation for Greater Buffalo                       | <a href="http://www.cfgb.org/">http://www.cfgb.org/</a>   |
| Cornell Cooperative Extension for Cattaraugus County           | <a href="http://chautauqua.cce.cornell.edu/">http://chautauqua.cce.cornell.edu/</a>               |
| Cornell Cooperative Extension for Erie County                  | <a href="http://counties.cce.cornell.edu/erie/">http://counties.cce.cornell.edu/erie/</a>         |
| Cornell Cooperative Extension for Niagara County               | <a href="http://counties.cce.cornell.edu/niagara/">http://counties.cce.cornell.edu/niagara/</a>   |
| Daemen College Center for Sustainability                       | <a href="http://www.daemen.edu/enviro-news">www.daemen.edu/enviro-news</a>                        |
| Department of Environmental Conservation (NY State)            | <a href="http://www.dec.ny.gov/index.html">www.dec.ny.gov/index.html</a>                          |
| Designing to Live Sustainably                                  | <a href="https://www.facebook.com/d2lsBuffalo/">https://www.facebook.com/d2lsBuffalo/</a>         |
| Earth Spirit Educational Services                              | <a href="http://www.earthspiritedu.org">www.earthspiritedu.org</a>                                |
| Environmental Education Associates                             | <a href="http://environmentaleducation.com/">http://environmentaleducation.com/</a>               |
| Environmental Protection Agency<br>Local Office (716) 551-4410 | <a href="http://www2.epa.gov/aboutepa/epa-region-2">http://www2.epa.gov/aboutepa/epa-region-2</a> |
| Erie Canal Harbor Development                                  | <a href="http://www.eriecanalharbor.com/">http://www.eriecanalharbor.com/</a>                     |

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| Erie County Community College Going Green          | <a href="http://eccgoinggreen.ecc.edu/index.html">http://eccgoinggreen.ecc.edu/index.html</a>                   |
| Erie County Conservation Society                   | <a href="http://eccs-club.org/">http://eccs-club.org/</a>   |
| Erie County Department of Environment and Planning | <a href="http://www2.erie.gov/environment/">http://www2.erie.gov/environment/</a>                               |
| Erie County Environment Management Council         | <a href="http://www2.erie.gov/environment/">http://www2.erie.gov/environment/</a>                               |
| Erie County Farm Bureau                            | <a href="http://www.ecfarm.com/">http://www.ecfarm.com/</a>   |
| Erie County Federation of Sportsmen's Clubs        | <a href="http://www.eriectyfsc.org/">http://www.eriectyfsc.org/</a>   |
| Erie County Parks and Recreation                   | <a href="http://www.erie.gov/parks">http://www.erie.gov/parks</a>   |
| Erie County Soil and Water Conservation            | <a href="http://www.ecswcd.org/">www.ecswcd.org/</a>  |
| Excalibur Leisure Skills                           | <a href="https://www.facebook.com/excaliburleisureskills/">https://www.facebook.com/excaliburleisureskills/</a> |
| Explore Buffalo                                    | <a href="http://www.explorebuffalo.org">www.explorebuffalo.org</a>  |
| Farm2Curb  | <a href="https://www.facebook.com/farmtocurb">https://www.facebook.com/farmtocurb</a>                           |
| Fillmore Corridor Neighborhood Coalition           | <a href="http://www.fcnc-buffalo.org/">http://www.fcnc-buffalo.org/</a>   |
| First Hand Learning                                | <a href="http://www.firsthandlearning.org">www.firsthandlearning.org</a>  |
| Food Policy Council of Buffalo & Erie County       | <a href="http://www2.erie.gov/fpc/">http://www2.erie.gov/fpc/</a>   |
| For A Clean Tonawanda Site                         | <a href="http://www.factsofwny.com/">www.factsofwny.com/</a>  |
| Foundry  | <a href="http://thefoundrybuffalo.org/">http://thefoundrybuffalo.org/</a>                                       |
| Friends of the Iroquois National Wildlife Refuge   | <a href="http://www.friendsofiroquoisnwr.org/">http://www.friendsofiroquoisnwr.org/</a>                         |
| Friends of Times Beach Nature Preserve             | <a href="http://www.friendsoftimesbeachnp.org/">http://www.friendsoftimesbeachnp.org/</a>                       |
| Foothills Trail Club                               | <a href="http://www.foothillstrailclub.org">www.foothillstrailclub.org</a>                                      |
| Gardens Buffalo Niagara                            | <a href="https://gardensbuffaloniagara.com/">https://gardensbuffaloniagara.com/</a>                             |
| Garden Clubs of WNY                                | <a href="http://www.gardenclubsofwny.com">www.gardenclubsofwny.com</a>  |
| Genesee County Nature Center                       | <a href="http://www.gardenclubsofwny.com">www.gardenclubsofwny.com</a>  |
| Global Justice Ecology Project                     | <a href="http://globaljusticeecology.org/">http://globaljusticeecology.org/</a>                                 |
| Go Bike Buffalo                                    | <a href="http://gobikebuffalo.org/">http://gobikebuffalo.org/</a>   |

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| Good Going WNY  | <a href="http://www.goodgoingwny.com">www.goodgoingwny.com</a>  |
| Gooseneck Hill Waterfowl Sanctuary                      | <a href="http://www.gooseneckhillwaterfowlfarm.com">www.gooseneckhillwaterfowlfarm.com</a>  |
| Grassroots Gardens of Buffalo                           | <a href="http://www.grassrootsgardens.org/">www.grassrootsgardens.org/</a>  |
| Greater Buffalo-Niagara Regional Transportation Council | <a href="http://www.gbnrtc.org/">www.gbnrtc.org/</a>  |
| Great Lakes Beach Sweep                                 | <a href="http://greatlakesbeachsweep.org/">http://greatlakesbeachsweep.org/</a>   |
| Great Lakes Center at Buffalo State College             | <a href="http://greatlakescenter.buffalostate.edu/">http://greatlakescenter.buffalostate.edu/</a>   |
| Great Lakes Experience                                  | <a href="http://www.thegreatlakesexperience.org">http://www.thegreatlakesexperience.org</a>   |
| Green Development Zone                                  | <a href="http://greendevlopmentzone.org/">http://greendevlopmentzone.org/</a>   |
| Green Sun Seed Library                                  | <a href="https://www.facebook.com/groups/GreenSunSeedLibrary/">www.facebook.com/groups/GreenSunSeedLibrary/</a>   |
| Greenup Jamestown                                       | <a href="https://www.greenupjamestown.com/">https://www.greenupjamestown.com/</a>   |
| Greenworks WNY  | <a href="https://www.facebook.com/Greenworks-Buffalo-Niagara-418537631544691/">https://www.facebook.com/Greenworks-Buffalo-Niagara-418537631544691/</a> |
| Groundwork Buffalo                                      | <a href="http://www.gwbuffalo.org">www.gwbuffalo.org</a>  |
| Habitat for Humanity Buffalo                            | <a href="http://www.habitatbuffalo.org/">http://www.habitatbuffalo.org/</a>   |
| HEART Animal Rescue and Adoption                        | <a href="https://www.heartforanimals.org/events.php3">https://www.heartforanimals.org/events.php3</a>   |
| Heart of the City Neighborhoods, Inc.                   | <a href="http://www.hocn.org">www.hocn.org</a>  |
| H.O.P.E of WNY  | <a href="http://bkhopeducation.wixsite.com/hopeducation-network">http://bkhopeducation.wixsite.com/hopeducation-network</a>                             |
| Innovation Center Buffalo                               | <a href="http://innovationcenterbuffalo.org/">http://innovationcenterbuffalo.org/</a>   |
| Iroquois National Wildlife Refuge                       | <a href="http://www.fws.gov/refuge/iroquois/">http://www.fws.gov/refuge/iroquois/</a>   |
| Jamestown Audubon Center & Sanctuary                    | <a href="http://www.jamestownaudubon.org">www.jamestownaudubon.org</a>  |
| Jamestown Community College                             | <a href="http://www.sunyjcc.edu/sustainability">http://www.sunyjcc.edu/sustainability</a>   |
| Jane's Walk-Buffalo                                     | <a href="http://janewalk.org/united-states/buffalo-ny/">http://janewalk.org/united-states/buffalo-ny/</a>   |
| Junior Solar Sprint Buffalo                             | <a href="http://www.jssbuffalo.com">www.jssbuffalo.com</a>  |
| Lake Erie Seaway Trail Center                           | <a href="http://lakeerieseawaytrail.org/">http://lakeerieseawaytrail.org/</a>   |
| League of Women Voters of Buffalo Niagara               | <a href="http://www.lwvbn.org/">http://www.lwvbn.org/</a>   |



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

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| Niagara County Farm Bureau                              | <a href="http://www.niagaracountyfarmbureau.com/">http://www.niagaracountyfarmbureau.com/</a>   |
| Niagara County Landfill and Recycling                   | <a href="http://www.rethinkyourwaste.com/">http://www.rethinkyourwaste.com/</a>   |
| Niagara County Parks                                    | <a href="http://www.niagaracounty.com/Parks/">http://www.niagaracounty.com/Parks/</a>   |
| Niagara County Soil and Water Conservation District     | <a href="http://www.niagaraswcd.com">www.niagaraswcd.com</a>  |
| Niagara Frontier Botanical Society                      | <a href="https://sites.google.com/a/niagarafrontierbotanicalsociety.org/niagara-frontier-botanical-society/">https://sites.google.com/a/niagarafrontierbotanicalsociety.org/niagara-frontier-botanical-society/</a> |
| Niagara River Anglers Association                       | <a href="http://www.niagarariveranglers.com">http://www.niagarariveranglers.com</a>   |
| Niagara River Greenway Commission                       | <a href="http://www.niagaragreenway.org">www.niagaragreenway.org</a>  |
| Niagara University Sustainability                       | <a href="http://www.niagara.edu/green/">http://www.niagara.edu/green/</a>   |
| Northeast Organic Farming Association of New York       | <a href="http://nofany.org">http://nofany.org</a>   |
| Oakmossed Education                                     | <a href="http://oakmossed.com">http://oakmossed.com</a>   |
| One Region Forward                                      | <a href="http://www.oneregionforward.org/">http://www.oneregionforward.org/</a>   |
| Open Buffalo  | <a href="http://www.openbuffalo.org/">http://www.openbuffalo.org/</a>   |
| Partners for a Livable WNY                              | <a href="https://www.livablewny.org/">https://www.livablewny.org/</a>   |
| Partnership for the Public Good                         | <a href="http://www.ppgbuffalo.org">www.ppgbuffalo.org</a>  |
| Paths, Peaks and Paddles                                | <a href="http://www.pathspeakspaddles.com">www.pathspeakspaddles.com</a>  |
| Penn Dixie Paleontological and Outdoor Education Center | <a href="http://www.penndixie.org">www.penndixie.org</a>  |
| Pfeiffer Nature Center (Portville)                      | <a href="http://www.pfeiffernaturecenter.org">www.pfeiffernaturecenter.org</a>  |
| People United for Sustainable Housing                   | <a href="http://www.pushbuffalo.org">http://www.pushbuffalo.org</a>   |
| Plant WNY   | <a href="http://www.plantwny.com/">http://www.plantwny.com/</a>   |
| Preservation Buffalo Niagara                            | <a href="http://www.preservationbuffaloniagara.org/">http://www.preservationbuffaloniagara.org/</a>   |
| Primate Sanctuary                                       | <a href="http://theprimatesanctuary.com">http://theprimatesanctuary.com</a>   |
| Regional Councils NYS                                   | <a href="http://regionalcouncils.ny.gov">http://regionalcouncils.ny.gov</a>   |
| Reinstein Woods Nature Preserve                         | <a href="http://www.dec.ny.gov/education/1837.html">www.dec.ny.gov/education/1837.html</a>  |

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| ReNU Niagara  | <a href="http://www.niagara.edu/renu/">http://www.niagara.edu/renu/</a>   |
| Reptile Adoption, Rehabilitation and Education, Inc. (RARE) | <a href="http://rarerehab.org/">http://rarerehab.org/</a>   |
| Restore our Community Coalition                             | <a href="http://roccbuffalo.org/">http://roccbuffalo.org/</a>   |
| Retree Western New York                                     | <a href="http://www.re-treewny.org">www.re-treewny.org</a>  |
| ReUse Action  | <a href="http://reuseaction.com/">http://reuseaction.com/</a>   |
| Rise Up for Climate Justice                                 | <a href="https://www.facebook.com/riseupforclimatejustice/">https://www.facebook.com/riseupforclimatejustice/</a>                             |
| Rochester Environmental Groups                              | <a href="http://rochesterenvironment.com/EXTRA/enviromentalists.htm">http://rochesterenvironment.com/EXTRA/enviromentalists.htm</a>           |
| Roger Tory Peterson Institute                               | <a href="http://www.rtpi.org">www.rtpi.org</a>  |
| Service Collaborative of WNY                                | <a href="http://www.tscwny.org/">http://www.tscwny.org/</a>   |
| Sierra Club (Niagara Group of Atlantic Chapter)             | <a href="http://niagarasierraclub.com/">http://niagarasierraclub.com/</a>   |
| Slow Roll Buffalo   | <a href="http://slowrollbuffalo.org/">http://slowrollbuffalo.org/</a>   |
| South Buffalo Alive   | <a href="https://www.facebook.com/South-Bufferalo-Alive-174141769403626/">https://www.facebook.com/South-Bufferalo-Alive-174141769403626/</a> |
| SPCA serving Erie County                                    | <a href="http://www.yourspca.org">www.yourspca.org</a>  |
| Street Synergy  | <a href="http://www.streetsynergy.org/">http://www.streetsynergy.org/</a>   |
| SUNY Fredonia   | <a href="http://www.fredonia.edu/gogreen/">http://www.fredonia.edu/gogreen/</a>   |
| Sustainability at Buffalo State                             | <a href="http://sustainability.buffalostate.edu/">http://sustainability.buffalostate.edu/</a>   |
| Sustainable Earth Solutions                                 | <a href="http://www.sustainableearthsolutions.com">www.sustainableearthsolutions.com</a>  |
| Tesla Fest  | <a href="https://www.teslafest.org/">https://www.teslafest.org/</a>   |
| Tifft Nature Preserve                                       | <a href="http://www.tifft.org/tifft/">http://www.tifft.org/tifft/</a>   |
| Tonawanda Creek Watershed Committee                         | <a href="https://tonawandacreek.shutterfly.com/">https://tonawandacreek.shutterfly.com/</a>   |
| Tonawanda Tomorrow  | <a href="http://tonawandatommorrow.org/">http://tonawandatommorrow.org/</a>   |
| Tuscarora Environmental Task Force                          | <a href="http://www.tuscaroraenvironment.com">http://www.tuscaroraenvironment.com</a>   |
| 21 <sup>st</sup> Century Park on the Outer Harbor           | <a href="http://21stcenturypark.org/">http://21stcenturypark.org/</a>   |
| UB Engineers for a Sustainable World                        | <a href="http://www.eng.buffalo.edu/esw">http://www.eng.buffalo.edu/esw</a>   |

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| UB Environmental Network                               | <a href="https://www.facebook.com/groups/2239558471/">https://www.facebook.com/groups/2239558471/</a>           |
| UB Office of Sustainability                            | <a href="http://www.buffalo.edu/sustainability.html">http://www.buffalo.edu/sustainability.html</a>             |
| UB Regional Institute                                  | <a href="http://regional-institute.buffalo.edu/">http://regional-institute.buffalo.edu/</a>                     |
| University Heights Collaborative                       | <a href="http://ourheights.org/">http://ourheights.org/</a>   |
| UnwasteNY  | <a href="http://www.unwastenyc.org">http://www.unwastenyc.org</a>   |
| Urban Land Institute                                   | <a href="http://newyork.uli.org/regional/">http://newyork.uli.org/regional/</a>                                 |
| Urban Roots  | <a href="http://www.urbanroots.org/">www.urbanroots.org/</a>  |
| US Army Corps of Engineers-Buffalo District            | <a href="http://www.lrb.usace.army.mil/">http://www.lrb.usace.army.mil/</a>                                     |
| US Coast Guard-Boating Safety                          | <a href="http://www.wnyboatsafe.org/">http://www.wnyboatsafe.org/</a>   |
| Vision Niagara   | <a href="http://visionniagara.org/">http://visionniagara.org/</a>   |
| Voice-Buffalo  | <a href="http://www.voice-buffalo.org">http://www.voice-buffalo.org</a>   |
| WASH Project   | <a href="http://thewashproject.org/">http://thewashproject.org/</a>   |
| Wellness Institute                                     | <a href="http://www.healthycommunitynetwork.com/">http://www.healthycommunitynetwork.com/</a>                   |
| Western Chapter New York Water Environment Association | <a href="http://nywea.org/">http://nywea.org/</a>   |
| Western New York AmeriCorps (Service Collaborative)    | <a href="http://www.tscwny.org/">http://www.tscwny.org/</a>   |
| Western New York Earth Day                             | <a href="http://www.wnyearthday.org/">http://www.wnyearthday.org/</a>   |
| Western New York Environmental Alliance                | <a href="http://www.growwny.org/">http://www.growwny.org/</a>   |
| Western New York Family Nature Club                    | <a href="http://lthibault.wixsite.com/wnyfamilynatureclub">http://lthibault.wixsite.com/wnyfamilynatureclub</a> |
| Western New York Herpetological Society                | <a href="http://www.wnyherpsociety.org/">http://www.wnyherpsociety.org/</a>                                     |
| Western New York Hiking Trails and resources           | <a href="http://www.wnyhikes.com">www.wnyhikes.com</a>  |
| Western New York Land Conservancy                      | <a href="http://www.wnylc.org/">http://www.wnylc.org/</a>   |
| WNY Nursery and Landscape Association (PLANT WNY)      | <a href="http://www.plantwny.com/">http://www.plantwny.com/</a>   |
| WNY Partnership for Invasive Species Mgmt (PRISM)      | <a href="http://www.wnyprism.org">www.wnyprism.org</a>  |
| WNY Mountain Bike Association                          | <a href="http://www.wnymba.org">http://www.wnymba.org</a>   |

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| WNY Permaculture                                 | <a href="https://www.facebook.com/WNY-Permaculture-1098493876841295/">https://www.facebook.com/WNY-Permaculture-1098493876841295/</a> |
| Western New York Science Congress                | <a href="http://wnysc.org/">http://wnysc.org/</a>   |
| Western New York Service Learning Coalition      | <a href="http://levesqueinstitute.niagara.edu/programs/wnyslc/">http://levesqueinstitute.niagara.edu/programs/wnyslc/</a>             |
| Western New York Soil Health Alliance            | <a href="http://www.wnysoilhealth.com">www.wnysoilhealth.com</a>  |
| WNY STEM   | <a href="http://wnystem.org/">http://wnystem.org/</a>   |
| Western New York Stormwater Coalition            | <a href="http://www2.erie.gov/environment/">http://www2.erie.gov/environment/</a>   |
| Western New York Sustainable Business Roundtable | <a href="http://www.wnysustainablebusiness.org/">http://www.wnysustainablebusiness.org/</a>   |
| Western New York Sustainable Energy Association  | <a href="https://www.facebook.com/WNYSEA">https://www.facebook.com/WNYSEA</a>   |
| WNY Peace Center Renewable Energy Task Force     | <a href="http://wnypeace.org/wp/">http://wnypeace.org/wp/</a>   |
| West Side Ministries (716 Ministries)            | <a href="http://www.westsideminstries.org/">http://www.westsideminstries.org/</a>   |
| West Valley Citizen Task Force                   | <a href="http://www.westvalleyctf.org">www.westvalleyctf.org</a>  |
| Wild Kritters                                    | <a href="http://www.wildkritters.com/">http://www.wildkritters.com/</a>   |
| Wild Spirit Education                            | <a href="http://www.wildspirit.org/">http://www.wildspirit.org/</a>   |
| Wind Action Group                                | <a href="https://buffalowind.wordpress.com/">https://buffalowind.wordpress.com/</a>   |
| Working for Downtown                             | <a href="http://www.workingfordowntown.org/">http://www.workingfordowntown.org/</a>   |
| World on your Plate                              | <a href="http://www.worldonyourplate.org/">http://www.worldonyourplate.org/</a>   |