

September 2018

Sponsored by Daemen College Global & Local Sustainability Program

Newsletter Contents:

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Articles:



Fall Tinkergarten Class Series

At Tinkergarten, families meet outdoors to connect and learn through play. Tinkergarten Leader, Kyla Davis, will facilitate an expert-designed play scenario, allowing children of various ages (18months-8 years) and needs to explore, problem solve, communicate, collaborate, and create together. The next 10 week class series begins **September 11 and 12** with Tuesday classes from 10-11:15am and Wednesday from 2:30-3:45pm in Warren Drive Park, East Aurora. Registration is required. Sign up at <https://www.tinkergarten.com/leaders/kyla.davis>. Visit <https://tinkergarten.com/classes> for more times and locations.

Great Lakes Beach Sweep

Join us on **September 15th, 2018** At 10:00 AM At The Woodlawn, NY State Park for The Next Great Lakes Beach Sweep! For 30 years, the Great Lakes Beach Sweep has cleaned 90 miles of the Lake Erie shoreline. Every September, our volunteer network hits the beaches then gathers at the Woodland State Park for a picnic complements of our sponsors. We need your help! [Signup](#) today! Alternatively, Buffalo Niagara Waterkeeper

Recycling Education, Coordination, Promotion, and Planning (RECPP) Grants

The DEC administers funding from the Environmental Protection Fund to support municipal waste reduction and recycling (MWRR) efforts in New York State. Grants are available to assist local governments to pay for recycling education, coordination, promotion and planning, reimbursing up to 50 percent of eligible "soft costs" of recycling and waste prevention. Eligible projects include costs of salary for a municipal recycling coordinator, publications, education and outreach tools, recycling advertising, recycling websites, and promotional items. Approximately \$3 million will be made available for MWRR-RECCP grants. DEC will be accepting applications only during the months of **September and October 2018** for projects to be completed during January-December 2019. For more information, visit DEC's [Grants for Recycling Coordination and Education Projects website](#).

Compostable Plastic wrap Made from Shellfish and Plants

One Positive Solution to Marine Pollution: Biodegradable

Plastic debris is known for its harm to marine life, tangling birds' wings, choking marine mammals and distorting the shells of growing sea turtles. Saltwater Brewery, a craft microbrewery in Florida, has worked with a startup E6PR to develop six-pack rings that can either biodegrade or serve as food for wildlife. The rings, made of wheat and barley, are becoming available in south Florida. Learn more at <https://www.e6pr.com/>.

Enzyme May Allow New Uses for Plant Waste

Research by Professor John McGeehan from the University of Portsmouth has uncovered an enzyme that can break down lignin, a compound that provides support and woodiness to plants. Currently only limited fungi and bacteria can break down lignin. If an affordable method is developed, this would allow more plant waste to be recycled into materials such as nylon, chemicals, plastics and fuels. [Read More](#)

Electronics Recycling: Collection Events

Sunnking has residential electronic collection events throughout the upstate NY area throughout the year. You can view the first half of 2018's schedule at <https://www.sunnking.com/consumer-business/events/>!

Reuse Action in Action: Source for Reusable Materials

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

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

NYSERDA Farm Energy Audits

NYSERDA offers free energy audits to identify energy efficiency measures for eligible farms and on-farm producers, including but not limited to: dairies, orchards, greenhouses, vegetable growers, vineyards, grain dryers, and poultry/egg. Farms must be customers of a New York State investor-owned utility and contribute to the System Benefits Charge (SBC). Please check your farm's current electricity bills to determine if you pay SBC. Farms can request an energy audit through the Agriculture Energy Audit Program. NYSERDA will assign a Flexible Technical Assistance (FlexTech) Consultant to perform an energy audit.

Rechargeable Batteries: What do I do with them when they no longer charge?

Different battery sizes and materials make recycling and/or recharging problematic. For batteries that are marked as rechargeable, they can be recycled at most retail locations that sell them, and retailers are required to provide signage and collection containers in easily accessible locations. Consumers are encouraged to utilize these take-back programs. Types of rechargeable batteries covered by the NYS Rechargeable Battery Law include Ni-Cd, sealed lead, Li-ion, Ni-MH, any other such dry cell battery capable of being recharged and battery packs containing any of the previously mentioned batteries. You can also check with your municipality or local recycling coordinator to see if any special programs are being offered in your area. Organizations and businesses can purchase a box to collect used batteries and then the box can be mailed back to the company for recycling. For non-rechargeable batteries, there is not currently a mandated take-back recycling program. Consumers can inquire with their local municipality or local recycling coordinator to see if any special programs are being offered in their area. Otherwise, non-rechargeable, single-use batteries may be put in your regular household trash and should **not** be taken to drop-off events.

Business Membership Program to Encourage Greener Commuting

Go Buffalo Niagara, a Transportation Management Association serving Erie and Niagara Counties, has launched a [business membership program](#) which encourages people to commute without a car. Once a business is signed up, its employees who choose to walk, carpool, bike, or take public transit to work will have access to myriad alternative transportation incentives, such as: discounted transit passes and preferred parking for carpools, guaranteed ride home

Calling all NY State School Teachers and After School Program Leaders!

The New York Connect Kids to Parks Field Trip Grant Program will refund up to \$1,000 of field trip costs per classroom, per trip to DEC or State Parks land. Grants are available on a first come, first served basis. Grants refund field trip costs

[Climate Change Timeline](#) describe early science leading up to the discovery of climate change.

[Climate Change Interactives](#) allows users to enter their location and see some of the direct local effects likely with climate change.

[Educator's Guide to Marine Debris](#)- also available in Spanish, easy-to-use guide is designed to provide maximum flexibility for educators in both formal and informal settings.

[Educational apps for Middle and High School Students](#)

[Education apps for Elementary Students](#)

DEC's I Fish NY Program's K-

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

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

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

[Flipside Science](#) is a youth-powered series that tackles complex environmental topics and empowers viewers to make a difference. This engaging and upbeat collection of videos, hosted by California Academy of Sciences youth, explores how local communities are addressing environmental problems.

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

[Cool Science Jobs](#) provides real stories about “cool” jobs using science to help inspire the next generation. They also include vocabulary and can be used as mini-lessons in the classroom.

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

[Black bear curriculum](#) - provides of free multimedia resources on black bears for educators and students.

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

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

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

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

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

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

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

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

[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 23 and other dates later in the year.**

[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.**

[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

Fluor Foundation Grants Nonprofits and academic institutions.

[Caterpillars Count!](#) is a citizen science project that measures the seasonal variation and abundance of arthropods like caterpillars, beetles, and spiders found on the foliage of trees and shrubs in an effort to answer important questions about patterns of food availability for birds. Researchers are using the data collected in

Forest Forensics-10 to 11:30pm at [Evangola State Park](#). Become a forest investigator as you learn how to read the trees, the land, and the forest community to reveal its hidden past. *For information and registration call (716) 549-1050.*

Trek Tiff-2:00pm - 03:30pm. Drop by Tiff Nature Preserve on Sunday afternoon and join us for a casual volunteer-led tour of the Preserve. Please call 716-825-6397 to confirm walk will be taking place. Ages: All
Cost: FREE, \$2 donation per person is appreciated.

First Sunday of the Month Walks-10:45am - 11:30am. All walks begin and end at the Hoyt Lake Marcy Casino area and are FREE.

Monday, September 3

Slow Roll Buffalo- Meet at 5:30pm (ride at 6:30) at Steel Plant Museum, 100 Lee Street. <https://slowrollbuffalo.org>

Hop Harvest Festival- [Genesee Country Village & Museum](#) , 1410 Flint Hill Rd., Mumford. By the mid-19th century, growing hops—a perennial that can grow two feet a week—was big business in New York State. It was the state’s main cash crop before the Civil War, and by the end of the century, New York was providing 90% of the nation’s supply. Help harvest fresh hops and tour the only working 19th-century brewery in the United States. Sample brews created from historic recipes; Fat Ox Ale and Intrepid Ale as well as Flint and Steele Cider at the food tent on the Village Square. Stop by the historical kitchens for tastings of hop-inspired snacks, sauerkraut and steak & ale pie. Watch colors turn as we dye with hops. Delight in the simple pleasures of barrel rolling, sack races and a three-legged race. Make a hop-scented sweet bag to promote relaxation. Families are welcome; there is fun

GBNRTC Monthly Meeting-Public welcome. 9:30 to 11am at Buffalo City Hall, 65 Niagara St., Buffalo. All are invited to attend Planning and Coordinating Committee (PCC) Meetings to discuss transportation events, planning initiatives, and projects with [GBNRTC Member Agencies](#).

PUSH Green Development Zone Tour-8-9:30am. Get an up close and personal look at the community work we do. Sign up for one of our Green Development Zone Tours today. Take a look on the ground at community

Wilson Star Search-7 to 11:45pm. Join Buffalo Astronomical Association at Kruger Park, Wilson (weather permitting).

Family Nature Quest: Turtles-10:30am. Explore the woods to look for turtles, and visit with Reinstein Woods' two rescue turtles, Clover and Clementine. Registration required; call 716-683-5959. Reinstein Woods Nature Preserv

Tuesday Evening Stress Reducer Paddle on Ellicott Creek-6 to 8:30pm. Come join the guides and instructors of PPP for a paddle for either relaxation, stress relief or just plain FUN. We meet at the store (1000 Ellicott Creek Rd. Tonawanda) at 6:00pm for a paddling trip on Ellicott Creek up and around the big island. All are welcome, if

West Valley Citizen Task Force meeting- 5:30 . The agenda is available [HERE](#). The Task Force will be visiting the site in the afternoon prior to the meeting. In the event of inclement weather the meeting will be postponed to September 26. Ashford Office Complex 9030 Route 219 West Valley, New York.

Thursday, September 13

Thursday Evening Stress Reducer Paddle on Lake Ontario-6 to 8:30pm. Come join the guides and instructors of PPP for a paddle for either relaxation, stress relief or just plain FUN. 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. We have 4 Rules that we insist on: No drugs or alcohol on the water, You must wear a PFD properly, You stay with the group, No Electronics (Cell Phones I-Pods). If you need to rent, cost for a solo boat is only \$30.00 per boat or \$40.00 for a tandem and we will bring to Wilson. The boat rental includes paddle(s) and PFD(s).

<https://pathspeakpaddles.com/>. RESERVATIONS ARE A MUST IF YOU ARE RENTING CALL: 716-213-0350.

Wellness Walks-10:00am - 12:00pm. Drop by Tiff Nature Preserve every Thursday and join us for a casual volunteer-led tour of the Preserve. Please call 716-825-6397 to confirm walk will be taking place. Open to all, \$2 donation per person is appreciated.

Brewing Change in Buffalo-5 to 7pm at Gene McCarthy's, 73 Hamburg St., Buffalo. CoRE Partnership event with WNY Sustainable Business Roundtable and Environmental Alliance. [RSVP](#)

The Ins and Outs of Historic Districts Workshop- Live in an historic district but not sure what that means? Then join Preservation Buffalo Niagara at 6pm at Broadway-Fillmore Neighborhood Housing Services, 780 Fillmore Ave., Buffalo 14212 as we explore the different types of historic districts and how that may impact you as a property owner. During the presentation we'll discuss what a local historic district is, its goals and purpose, and how local historic district commissions regulate them. [Register today!](#)

Gill Creek Invasive Plant Workshop- 4:00 pm – 8:00 pm at Hyde Park, 911 Robbins Dr, Niagara Falls, NY 14301. Free. Join us for this workshop where you will learn about common invasive plant species present near Gill Creek in Niagara Falls, NY. This event is part of the Gill Creek Riparian Restoration Project where over the

Third annual Buffalonia Celebration- 5 to 10pm and party in support of a great cause! The Matt Urban Center has been serving the East Side of Buffalo for over 40 years with the mission of providing programs that revitalize neighborhoods, serve families and change lives. Buffalonia helps support our programs and initiatives that enhance the quality of life for all residents in our diverse community—from children through seniors, and homeowners to the homeless. The event will feature a live band, DJ, beer and wine, food, raffles, games and a photo booth! [Ru's Pierogi](#) Food Truck will also be on site dishing up their delicious pierogi and we'll have desserts from [Sassi Cakes!](#) Pre-sale tickets are \$25 and can be purchased online or in person at the Matt Urban Center (1081 Broadway) or [Buffalo Iron Works](#) (49 Illinois Street). Tickets will be available at the door for \$30. Questions? Contact Sarah Maurer at smaurer@urbanctr.org or (716) 893-7222 x232.

Science After Hours:Adult BubbleFest-6-9pm at the Buffalo Science Museum. Kids aren't the only ones having all the bubble fun! Don't miss Adult BubbleFEST on Friday, September 14. Dance with glow-in-the-dark bubbles, play with REALLY BIG bubbles, make bubbly bath bombs and more! Check back for more information on partners and activities. Live music, featuring classic rock cover band Crash.. [Register.](#)

Saturday, September 15

Learn and Practice Orienteering: Knox Farm-10:00 am - 3:00 pm, \$10. The day starts at 10:00 am with a 60-minute non-competitive training, learning and educational event for any experience level, for walkers or runners, individuals or families, all ages, featuring a practice course and experienced instructors. Follow the signs to registration near the Milk House, by the main entrance parking lot off Route 16. Questions? Email the Meet Director [Linc Blaisdell](#), or call him at (716) 479-9431. \$10 fee includes instruction, 5-color park map and entry into one event in the regular meet that follows.

Walk at Knox Farm State Park 9 to 11am. "Knox Farm Rich History" – Open your ears to the fascinating history of the Knox Estate from the late 1800's to now. Meet in the main parking lot by the red barns. Donations gratefully accepted. Buffalo Audubon Society.

Soil Testing-Master Gardeners from Cornell Cooperative Extension in Erie County will test soil from 10 a.m. to 5 p.m. at the Harvest Festival at Buffalo Niagara Heritage Village, 3755 Tonawanda Creek Rd., Amherst. See [how to obtain a soil sample here.](#)

Tour de Farms- Our annual ride to local urban and rural farms ending with a Local Food Celebration, in collaboration with Massachusetts Avenue Project. To celebrate our 10th anniversary, we're changing it up with new farms, new routes, and a new location! This year, we will be exploring our local food system on three routes of varying distance and pace, including a ride to East Aurora and back! Riders of all levels of bicycling experience can choose from: Urban Tour (*short*) = 10 miles at a pace of 10-12mph, Urban Tour (*long*) = 20 miles at a pace of 10-12mph, Rural Tour = 48 miles at a pace of 14mph+. All rides will begin at Rich Products and end at nearby Massachusetts Avenue Park for a local food celebration, right across from the new MAP farmhouse! All participants may also enter a raffle to win a new bicycle, hand-built in Buffalo by [Normal Bicycles](#). [Click here for more information Tour de Farms 10](#)

PUSH Buffalo Monthly Meeting-3 to 5pm at 429 Plymouth Ave., Buffalo.

Fossil Prep 101-

Buffalo Niagara Waterkeeper Bike Tour-5:30-8:30pm. Join us for a bike tour at the Underground Railroad Heritage Center in Niagara Falls. Events are FREE! Registration Required. Heritage Center, 825 Depot Ave W, Niagara Falls, NY 14305. [REGISTER](#)

UB Lecture Series: Jorge Otero-Pailos-6:00 PM 7:30 PM at University at Buffalo School of Architecture and Planning 3435 Main Street, Buffalo. Artist, architect, and preservationist Jorge Otero-Pailos, Principal and Founder of Otero-Pailos Studio, an art and architecture studio focused on experimental preservation. The studio stands for the idea that existing buildings and monuments can be re-imagined into powerful agents of cultural change through contemporary art and architecture. This event is free, open to the public. Registration is not required.

Copper Oxide Painting-6 to 7:30pm. View metalworks of the past with a walk-and-talk in Artifacts for inspiration from the Collection. Transform iron and copper into works of art with oxidizing paints while learning about controlling chemical processes. Buffalo Museum of Science. [Register.](#)

PUSH Green Development Zone Tour-5:30-7pm. Get an up close and personal look at the community work we do. Sign up for one of our Green Development Zone Tours today. Take a look on the ground at community gardens, a neighborhood park in the process of being restored, quality affordable housing developments, green jobs in action, neighborhood energy democracy work, and more!! For info please contact Jennifer at jen@pushbuffalo.org.

Homeschool Series: Trees (Session 1)-1:30pm - 03:30pm. Meet the trees of Tiffit with guided hikes, hands-on investigations and journaling to discover their secrets, science and significance in our lives. Advance registration required. Our goal is to help each child develop a sense of respect and wonder for nature, as well as a sense of their own strengths and passion for learning. Please note that the exact content of each program will depend on the weather and seasonality.

2018 Land Conservancy Gala-

Sundaes on the Farm-12 to 5pm. Phillips Family Farm and CCE Erie have been working together to create an event to celebrate Agriculture in Erie County at Phillips Family Farm 1809 Brant Road, North Collins, NY 14111. The event will highlight many aspects of the agricultural industry in the county. During the day, individuals will have the chance to go on a farm tour, and visit activity stations to begin building relationships with their local farmer. An array of not for profits will be there to provide educational opportunities to build a better understanding of Erie County agriculture.

Hobbit Hike 1 to 3pm. Come to Beaver Meadow and celebrate Tolkien Week. Join Gandolf the White for a hike through the Shire and learn about the creatures that live there. Come dressed as your favorite Tolkien character or come as you are and make Hobbit crafts. We'll have a Gollum of a good time! Pre-registration is required. \$5. To register, call (585) 457-3228.

Harvest Moon Rising Autumnal Equinox 6 to 7:30pm. Join Naturalist Mark Carra for a stroll through the "Old Woods at Beaver Meadow and have a traditional Harvest Feast in the forest. Come for the folklore and the fun and be prepared to give thanks to nature for the bounty. Preregistration required. \$5. Family friendly event. To register, call (585) 457-3228.

2nd annual Country Harvest-4 to 7pm at the Buffalo Zoo! Enjoy festive fall activities, bounce houses, country music, delicious food, seasonal beers and much more! Purchase Tickets
Here: <https://www.eventbrite.com/e/country-harvest-2018-tickets-49295755933>

Nature Play Experience-1:30 PM - 3:00 PM. Celebrate the first day of autumn with a hike and nature scavenger hunt at Stiglmeier Park in Cheektowaga. We will go for a leisurely stroll in the forest and keep our eyes out for wildlife, fun plants, and signs of autumn. We will meet in the parking lot shown on the map below. You will enter the park from Losson Rd at the Cheektowaga Facilities Department. It looks odd, but there's a road that leads back to the park.

Full Moon Family Hike-7:30pm - 09:00pm. Witness the autumn beauty of an almost full moon on a casual guided family hike through Tiff Nature Preserve at Twilight. *Advance registration required.* Cost: \$6 per participant. BMSffmeer tav(e)8()-4(p)18(0)-8(p)%2(i)-4()-4(a)13(u)9(e)8(t)7(:)5(TJETQq0.00000912 0 612 792 reW* n

Crepuscular Hike: Harvest Moon Hoopla-7 to 9pm at Knox Farm State Park. Come discover what all the hoopla's about as we set out on a moonlit hike to witness the rise of the harvest moon, the closest full moon to the autumnal equinox. *For information and registration call (716) 549-1050.*

Tyler Street Community Garden- workday at the garden in University Heights! They will be meeting at the garden at 6 pm and will provide all tools and gloves. For more information and to RSVP, please follow the link: <https://http://www.facebook.com/events/2062756680658829/>

Tuesday, September 25

Tuesday Evening Stress Reducer Paddle on Ellicott Creek-6 to 8:30pm. Come join the guides and instructors of PPP for a paddle for either relaxation, stress relief or just plain FUN. We meet at the store (1000 Ellicott Creek Rd. Tonawanda) at 6:00pm for a paddling trip on Ellicott Creek up and around the big island. All are welcome, if you have your own boat (c

Wednesday, September 26

Gardening Class: Using Native Plants in Your Garden and Landscape-Cornell Cooperative Extension of Niagara County is offering a new gardening class series from 6-7 p.m. on certain Wednesdays at the CCE-Niagara's administration building, 4487 Lake Ave., Lockport. Classes cost \$15 each, or \$95 when you sign up for all seven gardening classes. Registration is on a first-come-first-served basis and each class is limited to 20 participants. You can register [online](#) or in person at the CCE-Niagara's administration building. The gardening classes will be administered by CCE-certified Master Gardeners and will cover a variety of gardening topics that will benefit both new and experienced gardeners. The lecture-style training will also give participants the opportunity to ask questions. For questions, call Horticulturist John Farfaglia at 433-8839 ext. 226.

Startup Grind- 5:30pm, free for students, \$10 others. [Register](#). Join us at the NYS Center of Excellence Bioinformatics and Life Sciences (CBLIS) for a fireside chat, healthy eats, light beverages, and top notch networking. Bring your business cards. Our speaker is David Rodriguez of inverSOL. David Rodriguez is the CEO of inverSOL, a clean energy startup and its parent company Council Rock, an established business in Smart

Wellness Walks-10:00am - 12:00pm. Drop by Tiff Nature Preserve every Thursday and join us for a casual volunteer-led tour of the Preserve. Please call 716-825-6397 to confirm walk will be taking place. Open to all, \$2 donation per person is appreciated.

Friday, September 28

Book Discussion: *The Death and Life of the Great Lakes* by Dan Egan-Noon to 1pm at Central Library. This free public event will be hosted by Library Board Director Frank Housh and will feature panelists: Jay Burney, Times Beach Nature Preserve, Jim Howe, The Nature Conservancy-Central & Western New York, - Jill Jedlicka, Buffalo Niagara Waterkeeper. Free.

Saturday, September 29

-8:30am to noon, Wick Student Center, Daemen College, 4380 Main St., Amherst. Free and open to the public. Erie County Executive Mark C. Poloncarz will provide a keynote address. Info tables from local organizations, networking and a panel discussion on local partnerships are part of the event. Free continental breakfast at 8:30am. Electronics recycling available at the event. For info, visit [summit](#).

Poisonous Plants in your own Backyard-10am. Some of the plants that grow in our yards and gardens can be toxic if you eat the wrong part or prepare them the wrong way. Learn about these common plants and their chemical defenses, as well as some poisonous plants and animals here in Reinstein Woods. For adults and children ages 12 and older. Registration required; call 716-683-5959. Reinstein Woods Nature Preserve, Depew.

Elderberry Delights 10am to noon. Naturalist Mark Carra will harvest wild elderberries at Beaver Meadow to

Fungi with a Fun-Guy-

Eco-Island Nature Center- www.k12.ginet.org/resources.cfm?subpage=6518
NY Sport Fishing- <http://www.fishny.com/>
Erie Canal Trailway- www.ptny.org/bikecanal
Niagara Watershed Alliance- <http://www.had-e-nuff.com/id6.html>
Rochester Roots-<http://www.rochesterroots.org/>
SOLE of Buffalo- <https://www.facebook.com/pages/SOLE-of-Buffalo/242409525795420>
New York Times Green Energy & Environment-<http://green.blogs.nytimes.com/>
South Buffalo CREW- <http://www.southbuffalocrew.com/>
U Save Buffalo/Recycling- <http://www.facebook.com/USaveBuffalo>
We Love Outdoors-<http://www.weloveoutdoors.com/>
WNY Chapter/American Chemical Society- <http://wny.sites.acs.org/>
Fishing Outdoors- <http://www.huntfishnyoutdoors.com/events.php>
WGRZ Outdoors- <http://www.wgrz.com/local/2-the-outdoors/>
Citizen Science Opportunities- [listing](#)

New York State Resources

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

Green Jobs, Internships and Opportunities

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

Youth Summer/Holiday Camps/Home School Series

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

Education Resources

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

Grant Opportunities/Tools

<https://trust.guidestar.org/grant-writing-101-resources-for-grant-writers>
<http://assembly.state.ny.us/gan/>
www.wnygrantmakers.org/
www.grantstation.com
www.grantwatch.com
www.grantwrangler.com
www.grantsalert.com
<http://www.glrppr.org/funding/>
<https://attra.ncat.org/index.php>
<https://grantsreform.ny.gov/>

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

Arden Farm- <http://theardenfarm.com/>

Becker Farms- <http://www.beckerfarms.com/csa>

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

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

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

Dirt Rich Farm-

Books- www.booksforafrica.org, www.operationpaperback.org

Bottle and jar caps-Weisenbach Recycled Products in Ohio. CapsCando.com.

Bras- www.donateyourbra.com, www.brarecycling.us

Building materials- www.buffaloreuse.org

Cars- <http://www.donateacar.com/>

Clothing, general-Goodwill, Amvets, Salvation Army, St. Vincent Depaul Society, Ladies of Charity, Goodwill,

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

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

Designing to Live Sustainably

H.O.P.E of WNY	https://www.reptilekeeperllc.com/
Housing Opportunities Made Equal	http://www.homeny.org/
Imagine Greater Buffalo Lifelong Learning	http://imaginelifelonglearning.com/
Innovation Center Buffalo	http://innovationcenterbuffalo.org/
Iroquois National Wildlife Refuge	http://www.fws.gov/refuge/iroquois/
Jamestown Audubon Center & Sanctuary	http://auduboncnc.org/
Jamestown Community College	http://www.sunyjcc.edu/sustainability
Junior Solar Sprint Buffalo	www.jssbuffalo.com
League of Women Voters of Buffalo Niagara	http://www.lwvbn.org/
Local Initiatives Support Corporation	http://www.lisc.org/buffalo/
Lyceum at Silo City	https://www.lyceumsilo.city/
Massachusetts Avenue Project	http://mass-ave.org/
Matt Urban Human Services Center	http://urbanctr.org/
Messinger Woods Wildlife Care and Education Center, Inc	www.messingerwoods.org
Nannen Arboretum	http://www.nannenarboretum.org/
Nature Conservancy-Central and Western New York Chapter	http://Nature.org/centralwestern
Nature Sanctuary of Western New York	http://nsswny.org/
New York Farm Bureau	http://www.nyfb.org/
New York Flora Association	http://www.nyflora.org/
New York Forest Owner's Association	www.nyfoa.org
New York Interfaith Power and Light	www.newyorkipl.org/
New York League of Conservation Voters	http://www.nylcv.org/
New York Power Authority	www.nypa.gov
New York Public Interest Research Group	http://www.nypirg.org/

Partnership for the Public Good

www.ppgbuffalo.org

Paths, Peaks and Paddles

www.pathspeakspaddles.com

Penn Dixie Paleontological and Outdoor Education Center

www.penndixie.org

Pfeiffer Nature Center (Portville)

www.pfeiffernaturecenter.org

People United for Sustainable Housing

<http://www.pushbuffalo.org>

Plant WNY

South Buffalo Alive

<https://www.facebook.com/South-Buffero-Alive-174141769403626/>

Wild Spirit Education

<http://www.wildspirit.org/>

Wind Action Group

<https://buffalowind.wordpress.com/>

Working for Downtown

<http://www.workingfordowntown.org/>

World on your Plate

<http://www.worldonyourplate.org/>