Enviro-News

October, 2016

Sponsored by Daemen College's Center for Sustainable Communities and Civic Engagement and Global & Local Sustainability Program

Newsletter Contents:

- Articles- including events, courses, local news, grants, positions
- Upcoming Activities
- "Going Green" by Lesley Haynes
- "Tips and Advice from an Environmentally Conscious DIY Dad" by Paul Deniken
- Volunteer Opportunities, Recycling, CSAs and Farms, Organization links

Articles:

Honey Harvest Festival 2016

Join Masterson's Garden Center, Inc. & Aquatic Nursery in East Aurora for their 4th annual Honey Harvest Festival on Saturday and Sunday, **October 1st & 2nd**, 2016. Experienced beekeepers will be on hand throughout the free public event. If you've ever wondered how we get that delicious honey from our bees, stop in and see live honey extracting demonstrations. There will also be intro to beekeeping seminars, wax rendering/candle making demonstrations, mead (honey wine) tasting, local vendors selling foods and crafts, pollinator friendly garden talk with local experts, the annual honey tasting competition, fun activities for the kids and much more! Check out the schedule at http://mastersons.net/beekeeping/honey-harvest-festival-2016/

Natural Heritage Program Botanist to Speak at Buffalo State College

The Department of Biology and the Eckert Herbarium are bringing Steve Young to Buffalo State College. Steve Young is the Chief Botanist at the DEC's Natural Heritage Program; he leads the program that locates, describes, tracks and preserves our flora and ecological communities. He will be speaking on the state's rare and endangered plant program. The program is free and open to the public from 4:30 PM - 5:45 PM on **Monday, October 3** in Bulger Communications Center 2W (2nd Floor West). Visitors to campus should use metered parking spots in Lots R-3, R-4 and I-30; they are nearest to Bulger Communications.

13th Annual World on Your Plate and Sustainable Living Conference

This year's World on your Plate conference will be held on **Friday, October 7 and Saturday October 8** at Daemen College. Friday evening features a light dinner, panel discussion on "Farm-to-Market: Issues and Challenges" and a New York Organic Action Plan. Saturday's session includes workshops, an organic vegetarian lunch and talks by Petra Page-Mann on "Resilient Seeds in a Changing Climate" and Frances Moore Lappé on "The Solution is on Your Plate". For registration and a detailed agenda, visit www.worldonyourplate.org

Enchanted Forest 2016

This special Buffalo Audubon weekend event on **October 7-9** includes an evening visit along Beaver Meadow trails lined with glowing jack-o-lanterns, where forest animals magically becoming human-sized and tell you about their life in the woods. This family-friendly program is a unique, fun, engaging event with games, crafts, face painting and cider and a snack after the event round out the evening. **Advanced registration is required.** Make your reservation by calling Beaver Meadow at (585) 457-3228. Tours leave starting at 6:00 and extending to 8:30. Cost is $9 per person. The event is free for children 3 and under. Info at www.buffaloaudubon.org.

Penn Dixie Earth Science Day

The 19th Annual Western New York Earth Science Day is from 9:00 am to 4:00 pm on **Saturday October 8** at the Penn Dixie Paleontological Outdoor & Education Center in Blasdell. Exhibits and drilling demonstrations will be free to the public. Fossil collecting will also be available at our usual admissions rates, and daytime astronomy activities if cloud conditions permit. https://penndixie.org/wny-earth-science-day/

Green Infrastructure Policy Forum

The New York League of Conservation Voters Education Fund will host a policy forum on the topic of green infrastructure in the Buffalo-Niagara metropolitan region on **October 11th** from 8:00am - 12:00pm at the Buffalo History Museum. The event will feature two panel discussions of local nonprofit leaders, policymakers and practitioners with the purpose of generating policy recommendations that policymakers can use to drive the implementation of green infrastructure in the region. The event will begin with breakfast at 8:00am, followed by the first panel beginning at 8:30am. RSVP here and reach out to Will von Geldern at wvongeldern@nylcv.org with any questions about attending or sponsoring the event.

2nd Annual ReStore DIY Contest and Auction

Habitat Buffalo has organized a very fun event that gives people the opportunity to learn about and own the DIY creations that we all see on Pinterest but never have time to make ourselves. The ReStore DIY Contest and Auction will be held on **Friday, October 14th** from 6-9 PM at our South ReStore location. Habitat Buffalo has brought together DIYers and designers to make unique pieces of furniture, lighting, and housewares from materials that they gathered at our ReStore locations and these creations will be auctioned off at the event. In addition to the auction, there will be live DIY demonstrations, food trucks, local breweries, live music, games, raffles, and so much more! For more information, please check out our event page at www.restorediycontest.com.

Sierra Club Dinner Features Speaker Aaron Mair

The Niagara Frontier Chapter of the Sierra Club will host Speaker Aaron Mair, President of National Sierra Club on **Saturday, October 15, 2016**, at 6 pm at their annual dinner. This year's event will be held at Temple Beth Zion, 805 Delaware Avenue, Buffalo and includes a multi-course buffet dinner with cash bar. We have two ticket prices: $45 for those who can afford to support our fundraising efforts, and $25 for those who are students or on a fixed income. More dinner details here. The speaker is an epidemiological-spatial analyst with the New York State Department of Health. His background and experience includes more than three decades of environmental activism and over 25 years as a Sierra Club volunteer leader where he has worked diligently for environmental justice. To purchase tickets: buy here.

Orca Biologist and Poet-Naturalist to Headline Eva Saulitis Memorial Events

Eva Saulitis Memorial events will be held at 7pm on **October 17 and 18** in Fenton Hall at SUNY Fredonia. Eva Saulitis, one of America's most renowned nature writers and prominent orca biologist, passed away from cancer in January 2016. Although most famous for her exquisite meditations on orcas, Alaskan wilderness, and cancer, Saulitis was a native of Silver Creek with deep connections to the landscapes, ecology, plants and nature preserves of Western New York. Her father was director of Reed Library at SUNY-Fredonia and Saulitis studied oboe at Fredonia and authored two publications about the College Lodge Nature Preserve. The author of four books, two nonfiction and two poetry collections, Saulitis also published essays, poems and reviews in numerous journals. Craig Matkin, Executive Director of the Alaskan North Gulf Oceanic Society, and Elizabeth Bradfield, naturalist-poet and Co-Director of Creative Writing Brandeis University, will speak at SUNY-Fredonia on October 17th and 18th. The interdisciplinary, collaborative presentations are part of a larger series of events commemorating the scientific and literary legacies of Eva Saulitis. All events are free and open to the public. Please email for more information – Jon Titus "titus@fredonia.edu".

Investigative Post to Host Margaret Sullivan

Margaret Sullivan will be keynote speaker at Investigative Post's inaugural benefit dinner **Oct. 19** at the Hyatt Regency. She recently joined The Washington Post as national media columnist after a successful stint as public editor of The New York Times. Sullivan, of course, also served as editor of The Buffalo News. Maryalice Demler of WGRZ will serve as master of ceremonies and Lee Coppola, veteran investigative reporter and educator, will be honored for his contributions to journalism in Western New York. Investigative Post is a 501 c-3 non-profit investigative reporting center based in Buffalo. It is the only local news organization dedicated exclusively to watchdog journalism. Tickets to the events can be purchased online.

Annual Reptile Show

The WNY Herpetological Society is very pleased to announce that the 15th Annual WNYHS Reptile Show and Sale will be held on **Saturday, October 22, 2016** from 10 am to 4 pm, at the Rescue Fire Company No. 5 Hall, 1241 Strad Avenue, North Tonawanda, NY! You can check out all of the details, including information about the all-new Herp Education Room on the 2016 Reptile Show page. The Reptile Show and Sale is the primary fundraiser for the not-for-profit WNY Herp Society. Your attendance enables the Society to host Monthly Meetings and other events for members and visitors, provide herp education in our local community, and fund research grants for reptile and amphibian research. We appreciate your support! Vendor tables are available, but are filling up quickly. If you are interested in vending at the WNYHS Reptile Show and Sale, please visit the Vendor Information and Application page.

Great Lakes Model Educators Networking Workshop

The New York's Great Lakes Ecosystem Education Exchange will host a Buffalo workshop for teachers on **October 29** from 9:30am to 3pm at Tifft Nature Preserve. In collaboration with the Alliance for the Great Lakes, NYGLEEE is a program administered by NY Sea Grant and NYS Department of Environmental Conservation, supporting strategies to develop a long-term experiential environmental education program that integrates Great Lakes Literacy Principles, related curricula and more. This program was developed with funding from the Environmental Protection Fund, in support of the Ocean and Great Lakes Ecosystem Conservation Act of 2006. Workshops are limited to 20 attendees, so reserve your spot now! For info, contact Helen Domske New York Sea Grant - Cornell University Great Lakes Program - University at Buffalo Hmd4@cornell.edu or (716) 645-3610. Lunch and materials are provided.

Technical Assistance Available for Communities

The Building Blocks for Sustainable Communities Program provides quick, targeted technical assistance to selected communities using a variety of tools that have demonstrated results and widespread application. EPA delivers the assistance using teams of experts who conduct one- to two-day workshops in the selected communities. After the workshop, the community gets a next-steps memo with specific actions it can take if it chooses to implement the ideas generated in the workshop. Tools are designed for Equitable Development, Planning for Infill, Sustainable Strategies for Small Cities and Rural Areas, Flood Resilience and Green and Complete Streets. The applicant can be a local, county, or tribal government, or a nonprofit organization that has the support of the local government on whose behalf they are applying. Deadline is 5:00 p.m. Eastern Daylight Time on **October 12, 2016**.

Outer Harbor Plans

A set of 13 videos and photo essays documenting different sections of the Outer Harbor and exploring ideas for enhancing public access and natural preservation is now available. The videos and photo essays were produced by the Greening Buffalo class at the University at Buffalo School of Law.

Erie County Retailers: Participate in an Indie Impact Study

Buffalo First has always looked for ways to promote and elevate the local businesses that make our county great. Our latest initiative is an Indie Impact Study that measures the impact of local, independent businesses on the economy in Erie County. We know local businesses are critical, but it's about time we have the local stats to back it up. These data will help us make the case for local businesses where it matters most – with consumers, with policy makers, with developers and other key stakeholders. Our "Think Local. Buy Local. Be Local." campaign has been incredibly successful with consumers, but we know the work cannot stop. We want to see your business thrive now and into the future. Take the online survey now: **www.buffalofirst.org/indie-impact-study**.

Radical Mycology Convergence

The Radical Mycology Convergence is a weekend long event from **October 6-10** in Wingdale, NY. There will be workshops, presentations and various mycoremediation installations. For info visit RadicalMycologyConvergence.com

NYS Outdoor Educators' Association Conference

"Portal to the Outdoors" is the theme for this year's New York State Outdoor Educators Association (NYSOEA) Conference to be held **November 3-6** in Corning, NY. Registration info and details can be found at http://nysoea.org/

WNY Land Conservancy Names Owens Falls Sanctuary

The Western New York Land Conservancy recently announced that they had met their fundraising goal of $600,000 to create the new 57-acre nature preserve, Owens Fall Sanctuary, on Hubbard Road in the Town of Aurora. The property features two magnificent waterfalls that were formed by a 2,000-foot long stretch of Mann's Creek that flows through a 100-foot deep ravine. Its mature hemlock and beech woods, vernal pools, and forested wetlands are home to migrating birds, breeding frogs and salamanders, and dense patches of rare wildflowers. The property also includes mature headwater forests, which, along with the wetlands, are vital to maintaining water quality in the Buffalo River and Niagara River watersheds.

The Land Conservancy and the Friends of Jackson Falls, a 30-person group of community members committed to protecting the property, met the fundraising deadline over a nine month period. "As neighbors, we couldn't stand the thought of this hidden gem being lost," said Don Owens, who is a Certified Professional Soil Scientist and founder of Earth Dimensions. Barbara Owens said, "We know in our hearts that making this donation was the right decision." The property will be named The Owens Falls Sanctuary in honor of Barbara and Don.

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 atwww.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!

Buffalo Bike Share

Need a bike to get around downtown or UB? Buffalo Bike Share has different options to provide you with easy access to a bicycle. Check out their location map at https://buffalo.socialbicycles.com/#map. You can sign up online at the site and book your next reservation. New for 2016, Reddy Bikeshare will have 200 bikes around Buffalo. Check their site at https://reddybikeshare.socialbicycles.com/.

Turkey Samples Needed

Cornell University is conducting a study on wild turkeys. If you find a dead turkey hen, poults, or an abandoned nest with eggs (even if broken), we are interested in looking at those samples. This study is looking for the presence of lymphoproliferative disease (LPDV), a viral disease, that may be impacting turkey populations. The disease is widespread in adult birds and may be inconsequential, but we need samples from eggs or young turkeys to see if they are carrying the virus as well. This is only a disease of wild turkeys and not a risk to humans. If you find a hen or poult (young-of-year) carcass(es) or abandoned nest, please call your nearest NYS Dept. of Environmental Conservation office to report the situation and arrange for pick-up. Pick up samples using a plastic bag. Seal or tie the bag closed. Keep samples chilled or frozen until pick-up. DEC Region 9 (Allegany, Cattaraugus, Chautauqua, Erie, Niagara and Wyoming counties) call (716) 851-7010 Buffalo or (716) 379 -6366 Allegany.

Lawsuits Pending on Liquid Nuclear Waste Transport across Peace Bridge

A lawsuit has been filed by multiple environmental organizations to halt truck shipments of high-level liquid nuclear waste over the Peace Bridge en route to a processing facility in South Carolina. It is estimated that at least 150 tractor-trailer loads would cross the bridge over several years to deliver all of the highly radioactive waste. A Buffalo News article can be read at: http://www.buffalonews.com/city-region/liquid-nuclear-waste-shipments-over-peace-bridge-could-start-in-september-20160817

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

Free Energy Audits for Small Businesses and Non-Profits

Small businesses and non-profits that have 10 full time employees or less and an average annual electric demand of less than 100 kW are eligible for a free energy audit through the NYSERDA Small Commercial Energy Efficiency Program (SCEEP). Following a site visit to assess your facility, you will receive a report showing identified energy savings measures, estimated energy savings, estimated cost savings, and the costs to install the measures. This info can help you make informed decisions about implementing energy efficiency improvements. NYSERDA SCEEP energy audits are provided in Western New York, the Genesee-Finger Lakes Region and the Southern Tier by C.J. Brown Energy. For more information or for assistance in completing an application, contact Lisa Grabenstatter, C.J. Brown Energy's Energy Program Administrator, at (716) 565-9190 or lag@cjbrownenergy.com.

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

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

Green Infrastructure and Climate Change

EPA announces the release of a new publication: Green Infrastructure and Climate Change: Collaborating to Improve Community Resiliency. As different parts of the country become drier, wetter or hotter, community leaders and citizens are looking to green infrastructure to improve their community's resiliency to the effects of climate change. In 2015, EPA convened charrettes, or intensive planning sessions, in four cities to demonstrate how this type of planning could be applied to communities dealing with a range of challenges. Each city's charrette focused on different issues based on the most pressing climate change impacts they were facing and their current level of green infrastructure implementation. This new publication summarizes those issues and the recommendations developed by each charrette.

Online Boating Safety Course Available

An "Online Boating Safety" course now provides an option to the 8 hour classroom-based course. Anyone born after 1996 needs a boating safety certificate before operating a motorboat. Info on the course is available at http://parks.ny.gov/recreation/boating/boating-safety-class.aspx.

"A Ghost in the Making: Searching for the Rusty Patched Bumble Bee"

Pollinators have been declining in recent years, with most of the focus on honey bees. A native bumble bee species is the subject of a newly released short film, *A Ghost in the Making: Searching for the Rusty Patched Bumble Bee*. The film is now available at http://www.rustypatched.com/ for online viewing. Saving the rusty patched bumble bee will take more than just watching a movie. It needs action at the highest level.

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/

We Are NY Video Series

To celebrate the 50th anniversary of the National Historic Preservation Act on 1966, the New York State Office of Parks, Recreation and Historic Preservation created a series of short videos featuring personal stories about historic places, including Elmwood Village in Buffalo, Rock Island Lighthouse State Park in the Thousand Islands region and the Underground Railroad History Project in Albany. Each video captures the strong emotional connections that New Yorkers have to their hometowns and heritage.

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

Change Food Video Library

Change Food is pleased to announce the official launch of The Change Food Video Library. The Library consists of a growing database of the best short-length videos on various topics infood and farming, including talks from Change Food, The Real Food Media Project, TED, TEDxManhattan and other TEDx events. The Library has also developed an online event guide to help anyone around the world organize and host their own video event, whether it be a lunch time video club or an all day extravaganza.

USDA Toolkit to Assess Economic Impact of Local Foods

This new USDA toolkit will help communities and businesses evaluate the economic benefits of investing in local food systems. It was developed by the Agricultural Marketing Service (AMS) to help communities reliably evaluate the economic impact of investing in local and regional food systems. The Local Food System Toolkit provides detailed guidance in seven modules to measure and assess the expected economic impacts of local food investments. The toolkit can be downloaded as a PDF here.

Anglers Need to Watch for Lake Sturgeon in the Great Lakes and Oneida Lake

DEC staff have received numerous reports of lake sturgeon (*Acipenser fulvescens*) caught by anglers targeting walleye. With ongoing restoration efforts, anglers need to be aware that Lake sturgeon are listed as a threatened species in New York, therefore, there is no open season for the fish and possession is prohibited. Anglers should not intentionally target these rare fish. If an angler catches a sturgeon, they should move to another area or change fishing gear to avoid catching another. Anglers who do unintentionally hook one should follow practices to ensure that the fish are returned to the water unharmed. Anglers are likely to encounter sturgeon during the spring when the fish gather to spawn on clean gravel or cobble shoals and in stream rapids. Sturgeon spawn in New York in May and June when water temperatures reach 55 to 64°F. Females release as many as 7,000 eggs per pound of fish. Male sturgeon become sexually mature between eight and twelve years of age and may live as long as 55 years. Females become sexually mature between 14 and 33 years of age and live as long as 80 to 150 years. For further information visit the DEC and U.S. Fish and Wildlife Service websites links at Lake Sturgeon Fact Sheet, Endangered & Threatened Fishes of New York, Lake Sturgeon Restoration.

Clean Power for All

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

Clean Energy Communities in New York State

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

Join the Recycling Pledge

Make the commitment to raise Buffalo's recycling rate from its current 26% to 34% (national average0 or more. Interested in pledging? Please visit www.buffalorecycles.org for resources to help you recycle your materials. You may win the 34andMore T-Shirt too!

Grants for Municipalities for Electronic Waste Recycling

Governor Andrew M. Cuomo announced that $3 million is available from the Environmental Protection Fund in grants to assist municipalities in New York State with recent, unexpected costs of collection and recycling of eligible electronic wastes. New York State consumers are required to recycle electronic waste, such as computers, keyboards, televisions, and small electronic equipment, in an environmentally responsible manner. These grants, part of the FY2017 State Budget's record $300 million investment in the Environmental Protection Fund, will mitigate the growing unexpected financial costs so that municipalities can recycle electronic waste efficiently and sustainably. This grant program will be administered through the New York State Department of Environmental Conservation's Household Hazardous Waste State Assistance Program. Municipalities will be eligible for reimbursement of up to 50 percent of eligible expenses incurred for collection and recycling of e-waste between April 1, 2016 and March 31, 2017. Application materials, guidance documents, and important information for Electronic Waste Assistance Grants are available on the Department of Environmental Conservation website. The Department of Environmental Conservation will accept applications for funding from **October 3 to October 31, 2016.**

New Solar Device Removes Carbon Dioxide from the Atmosphere

A new type of solar-powered technology announced in the journal *Science* absorbs carbon dioxide from the atmosphere and uses sunlight to break it into a mix of carbon monoxide and hydrogen called synthesis gas or "syngas," that can be used directly or turned into diesel or other liquid fuels. The team aims to produce fuel at about $2 a gallon, a price that would be cost-competitive with gasoline.

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

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

Evans Receives $172,000 EPA Funding for Green Infrastructure

The Environmental Protection Agency awarded a $172,125 Great Lakes Restoration Initiative grant to the Town of Evans, New York to fund green infrastructure projects to improve water quality entering Lake Erie. The town will use these funds to install rain gardens and bioswales, which are tracts of land designed to manage drainage, in Evans Town Park to reduce bacteria at the beach and prevent approximately 221,000 gallons of untreated stormwater from reaching Lake Erie. In 2014, the Evans Town Park beach was closed on 31 days of the 66-day beach season due to water pollution occurrences. The Great Lakes Restoration Initiative was launched in 2010 to accelerate efforts to protect and restore the largest system of fresh surface water in the world. It is the largest investment in the Great Lakes in more than two decades. For more information about the Great Lakes Restoration Initiative, visit http://www.glri.us.

Public Input Sought on Antimicrobials in Animal Agriculture

For certain species and disease indications listed in a *Federal Register* notice, the U.S. Food and Drug Administration wants to obtain additional information on the underlying diseases requiring drugs for therapeutic purposes, and periods when livestock or poultry are at risk of developing these diseases. In addition, FDA is asking for information on husbandry practices that may help avoid the need for these antimicrobials. FDA is accepting public comments until early December. Info

New Farm Worker Protection Standard

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

New Technology to Clean Water

A new technique has been developed that uses graphene oxide sheets to transform dirty water into drinking water. This new approach combines bacteria-produced cellulose and graphene oxide to form a bi-layered biofoam. A paper detailing the research is available online in *Advanced Materials*. The concept uses sunlight which evaporates dirty water using the filter and then collects the clean water. The cellulose at the bottom of the bi-layered biofoam acts as a sponge, drawing water up to the graphene oxide where rapid evaporation occurs. The resulting fresh water can easily be collected from the top of the sheet. https://source.wustl.edu/2016/07/dirty-to-drinkable/

Web-based Tool to Assist Natural Area Managers in Invasives Management

The Invasive Plant Management Decision Analysis Tool (IPMDAT), developed by The Nature Conservancy, helps natural resource managers to determine if an invasive plant control project is likely to be successful and if it warrants an investment of their agency's or organizations resources. The IPMDAT is available as an online tool at www.ipmdat.org. The Nature Conservancy and the NY Natural Heritage Program worked with the developers of iMapInvasives to create a web-based, step-by-step process to select and document the most strategic option for individual projects. This tool is freely available to everyone, and uses your browser's cache to save and print up to three projects at a time. If you have an iMapInvasives account, you have the option to save the results of your project evaluation for others to view. Please visit www.ipmdat.org to begin thinking through your potential projects, whether large scale management decisions or backyard issues.

New Pesticide Product Registration Database

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

Cornell Small Farms Program Offers Online Courses

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

Fungi Recycle Rechargeable Lithium Ion Batteries

While rechargeable batteries can be charged multiple times, they eventually need to be replaced. Rather than tossing these in the landfill and losing their valuable compounds, researchers have found naturally occurring fungi to drive an environmentally friendly recycling process to extract cobalt and lithium from tons of waste batteries. Other recycling and metal separation methods require high temperatures and harsh chemicals. The scientists have found fungi that generate oxalic acid and citric acid and enable the metal extraction. Read more at: http://phys.org/news/2016-08-fungi-recycle-rechargeable-lithium-ion-batteries.html#jCp

Clothes Made from Manure

A Dutch designer creates a fashion line made from cow manure–derived bioplastic in an effort to reduce water pollution and methane emissions. Jalila Essaidi responded to a need to reduce animal waste by developing a process which removes cellulose and acids from cow manure and turns them into a biodegradable plastic. Fortunately, the plastic doesn't retain the smell from the dung! For info, visit http://mestic.eu

Microdevice Uses Sunlight to Disinfect Water

Stanford University and SLAC National Accelerator Laboratory scientists have developed a device that harnesses the sun's light to disinfect water in 20 minutes flat. The small black rectangle is covered in nanostructured molybdenum disulfide. When the device is placed in water and exposed to the sun, it reacts forming hydrogen peroxide and other antibacterial chemical which dissipate and leave disinfected water behind. The technology still requires more research to determine which bacteria can be eliminated using this process. More info at disinfection

Pacific Institute for Climate Solutions Offers Online Climate Courses

Climate Insights 101 is a short course series designed to provide users with an in-depth understanding of climate science and related issues. Climate Insights 101 is produced as a series of modules, each with several animated lessons. To learn more, visit: courses.

New Federal Toolkit Provides Guidance for Citizen Science Programs

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

Environmental Working Groups Guide to Healthy Cleaning

Environmental Working Group's Guide to Healthy Cleaning now provides detailed information on more than 2,500 products, letting you easily find out about the health hazards and ecological concerns associated with the thousands of chemicals in cleaners. Check it out at **EWG's Guide to Healthy Cleaning.** You can also download their app.

New report: Farming for the Future

Friends of the Earth released a new report, Farming for the Future: Organic and Agroecological Solutions to Feed the World. The report addresses three common myths about world hunger and details the science that demonstrates that organic and agroecological farming are fundamental to feeding all people, now and into the future. Read the executive summary or full report.

Become a Watershed Sleuth

EPA and the National Environmental Education Foundation announced a new resource for students to learn how to help solve water quality problems— by becoming a Watershed Sleuth! Students and citizen scientists can try to build their own aquifers and take an online interactive quiz to find local water wasters. Children, families, K-12 school groups, and others can earn a different digital badge for each lesson they complete and show off their watershed knowledge. Start the challenge today. (https://www.neefusa.org/watershed-sleuth)

Bird App Available

Audubon has released an updated version of the Audubon Bird Guide app and it's now free to bird lovers nationwide. With 821 species profiles and 3200-plus world-renowned bird photos, Audubon's award-winning app instantly turns any mobile device into the most trusted field guide in North America. To download the Audubon Bird Guide, go to:www.audubon.org/apps. The free app also provides a great new way to engage more people in becoming active participants in conservation action. Find a toolkit of resources on Audubon Works to help you share the free app with your members and supporters. The toolkit includes tips and tricks for using the app, email and social copy and images, ecards, a poster, and a captivating video.

All About Birds: Interactive Learning

Here's a fun way to learn about bird anatomy. Cornell's Institute of Ornithology has created Bird Academy with an interactive tool that allows you to study the anatomy of a bird and place more than 100 parts in the proper location. Start building your bird here. To enjoy the spectacular diversity of bird life while exploring the artistry of the Cornell Lab's new mural, Bird Academy's new Wall of Birds interactive invites you to view the painting in its entirety and zoom in on any of the 270 species to appreciate each brushstroke. One click uncovers each creature's way of life, voice, and range—all powered by recordings from the Macaulay Library and dynamically-updated observation maps from eBird.

Volunteer at Massachusetts Avenue Farm in October

Join us EVERY SATURDAY in October from 10am-12pm for a quick and fun workday on the farm! Our Farm Manager, Katie, will guide you through fall-time activities necessary to keep our growing beds in tip-top shape for the upcoming season. There is no need to register if you are coming in a group of 5 or less. Please dress for the weather and bring your own drinking water. Gloves and tools are provided. Need community service hours? Coming in a group larger than 5? Please contact Katie to confirm details. Her email is kate@mass-ave.org.

Upcoming Exams for State Jobs

For a schedule of exams for state jobs, visit https://www.cs.ny.gov/announ/tentative_schedule.cfm. Register for the Forest Ranger and Environmental Conservation Officer Trainee exams by **October 5**. The exams are offered in November. Subscribe to receive an e-mail notification of the issuance of new civil service announcements.

Teacher's 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.

NEEF Podcasts-National Environmental Education Foundation has launched its inaugural podcast which looks to connect people to environmental knowledge and talking with educators in the field to learn what benefits they have seen in their EE activities.

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 with solutions ranging from vertical farming to greywater recycling.

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

Changing Circumstances: Looking at the Future of the Planet from Literacy through Photography is a free curriculum for grades 5-8 that focuses on issues of global sustainability and humanity's changing relationship to the world around us, as well as the economic, social, and personal impacts of those changes. Image Galleries include Climate Change, Globalization of Natural Resources, and New Technology.

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

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

Black bear curriculum - provides of free multimedia resources on black bears for educators and students.

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

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

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

Project Localize is a customizable curriculum for students and teachers 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 and technology program that stars the peregrine falcon. The peregrine has recovered from near extinction and was removed from the List of Endangered Species in 1999. The online portion of Raptors in the City 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 instuctional use for all K-12 schools in the United States as part of the White House's ConnectED initiative. 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

Recycling Leadership Award Nomination Application-NY State Recycling Leadership Awards. Applications due by **October 7, 2016**.

Grinnell College Innovator for Social Justice Prize honors individuals who have demonstrated leadership in their fie who show creativity, commitment, and extraordinary accomplishment in effecting positive social change. Each prize an award of $100,000, half to the winning individual(s) and half to their organization. Candidates for the Grinnell Pr be nominated by a third party. Deadline:| **October 9**

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

Grant and Scholarship Opportunities

Hands on the Land Grant- The National Environmental Education Foundation (NEEF) has released a request for proposals (RFP). Through this RFP, a total of $90,000 in mini-grants will be awarded to educators in support of their efforts to deliver placed-based environmental education and STEM programming on public lands that is aligned with national K-12 education standards. Funding support for these grants comes from the Environmental Protection Agency (EPA) and NEEF. Deadline is **October 13, 2016**.

EPA Small Business Innovation Research (SBIR) Program – Opportunities for Environmental Technology Developers- Phase I solicitation– includes green building materials. Estimated Funding – Approximately 18 Phase I firm-fixed price contract awards for $100,000 for "proof of concept". Deadline: **October 20, 2016**.

Transportation Alternatives Program(TAP) funding supports bicycle, pedestrian, multi-use path and transportation-related projects and programs as well as projects that reduce congestion and will help meet the requirements of the Clean Air Act. Deadline: **October 21, 2016**.

National Science Foundation Environmental Sustainability Grants – includes stormwater management research topics. Estimated Funding: $7,066,000 Overall - Each award 1-3 years; the typical award size for the program is around $100,000 per year. Deadline: **Oct. 20, 2016.**

First Steps Toward Developing Renewable Energy and Energy Efficiency on Tribal Lands – includes climate resiliency planning Topic Areas include: Conduct energy options analyses, Establish baseline energy use and efficiency options, Develop energy organizations, Conduct climate resiliency planning, Establish policy, regulations, and codes to reduce energy use or promote energy development and Obtain skills and training related to energy use and development. Estimated Funding: $3 million. Deadline: **October 30, 2016**.

Green School Grant-The NYS Association for Reduction, Reuse & Recycling (NYSAR^3) established a grant program for public and private schools Grades K-12 for the purpose of providing $500 seed, or start-up money for recycling/waste reduction programs in public and private schools. Since that time, over seventy-five (75) NYS schools and/or school districts have benefitted financially from the program, to say nothing of the environmental benefits achieved by instituting recycling/waste reduction programs in schools. Deadline: **October 28.**

National Science Foundation Environmental Sustainability program is to promote sustainable engineered systems that support human well-being and that are also compatible with sustaining natural (environmental) systems. These systems provide ecological services vital for human survival. Research efforts supported by the program typically consider long time horizons and may incorporate contributions from the social sciences and ethics. The program supports engineering research that seeks to balance society's need to provide ecological protection and maintain stable economic conditions. Deadline: **October 20.**

Transportation Alternatives Program (TAP) and Congestion Mitigation and Air Quality Improvement (CMAQ) Program has funding to support bicycle, pedestrian, multi-use path and transportation-related projects and programs as well as projects that reduce congestion and will help meet the requirements of the Clean Air Act. Workshops will be offered statewide on application process. Deadline: **October 21**.

Electronics Waste Collection Grants for Municipalities to assist municipalities in New York State with recent, unexpected costs of collection and recycling of eligible electronic wastes. Deadline: **October 31, 2016.**

NEA Student Achievement Grants and Learning and Leadership Grants. Applications reviewed **February 1, June 1, October 15**. Public school K-12 or College/University teachers or support staff. $2,000 for individuals or $5,000 for groups to improve the academic achievement of students in U.S. public schools and public higher education institutions in any subject area or for professional development for educators.

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**.

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

Farm to School Grant Program-USDA anticipates awarding approximately $5 million in grant funding to support efforts that improve access to local foods in schools. Applicants may apply for a Planning grant, Implementation grant, Support Service grant, or Training grant. For all four types of grants, the Federal share of a project cannot exceed 75% of the total cost of the project. Deadline: **December 8, 2016**.

N. G. Kaul Memorial Scholarship will be offering up to $5000 in scholarships to students pursuing graduate or doctoral degrees in environmental/civil engineering or environmental science concentrating on water quality who show a commitment to government service. Deadline is **February 28, 2017**.

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

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

VolunTEEN Nation International Service Project Grants- Students (ages 13-22) from the US going abroad to volunteer or study in a developing country are encouraged to apply for an international service-learning mini-grant from VolunTEEN Nation. Grants are for up to $300 to create a service project in a developing country while you are visiting that country. **Deadline: Rolling.**

KEEN Effect is committed to inspiring responsible outdoor participation to help preserve the places we all play. Through the KEEN Effect, $10,000 grants are awarded to nonprofit organizations around the world who are dedicated to responsible outdoor participation. Projects must increase responsible outdoor participation as a way to work towards building a strong community. **Deadline: Ongoing.**

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

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

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

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

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

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

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

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

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

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

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

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

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

Employment and Internship Opportunities

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

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

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

Coordinator for the Western New York Sustainable Business Roundtable-WNYSBR has an opportunity for a coordinator to manage and support a new business effort in our region. WNYSBR provides a forum for business that have pledged sustainable business practices. WNYSBR offers training, tours, networking and other tools that enable companies to work toward a vision of creating an economically as well as environmentally resilient Buffalo-Niagara region. The WNYSBR Coordinator is responsible for conducting the day to day business of the organization and executing Board of Directors directives. This is an Erie County Civil Service position, and the position reports to the Erie County Department of Environment and Planning who will oversee her/his activities on behalf of the WNYSBR. The candidate will need demonstrated experience supporting sustainability initiatives, and be able to identify technical and other resources to help members' development of sustainability plans. The candidate will need excellent communication skills, experience at program management, building effective coalitions, event coordination, and web and social media knowledge. Deadline is **10/14/2016**.

Citizen Science

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

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

Get Involved in Environmental Change in WNY

The WNY Environmental Alliance (WNYEA) has working groups that welcome individuals who want to work on improving environmental issues in our area. Check out the alliance and see a list of working groups here .

Upcoming Community Activities:

Saturday, October 1

Refresh Creativity Walk-9am to noon. Guided Creativity Walk at Chestnut Ridge Park, starting at Casino. Contact Wellness Institute, 851-4052.

Living Life for a Living Planet: ***Our Gift to God***-1pm-4pm at 795 Main Street, Buffalo, NY. Fr. Jud iWeiksnar, OFM is the keynote speaker, Bishop Malone will lead us in the opening prayer. Sessions on ***Healthy Eating –*** Practical ways to improve your eating habits. ***Use Energy* Wisely** – Learn some energy saving tips that will increase the comfort of your home, help the environment. ***Use Your Voice to Change the System*** – This session will give practical ways to have open and frank dialogue with our elected representatives. ***Use Your Money to Save the Planet and One Another*** – Come and learn how what you purchase through Fair Trade at Catholic Relief Services can change the economy and the lives of our brothers and sisters. Price: $5, $7 at the door and students and teachers free. Call Sister Sharon Goodremote, FSSJ at 716-202-4706 for more information.

Walk at Knox Farm State Park: "Knox Farm History"- 9:00am – 10:30am at Knox Farm State Park, 437 Buffalo Rd, East Aurora, NY 14052. Open your ears to the fascinating history of the Knox Estate from the late 1800's to now. Meet in main parking lot. Donations accepted.

Beginner Birding: Unity Island-10am – 12pm at Unity Island, Buffalo. Join Buffalo Audubon Naturalist Tom Kerr for a Beginner Birding walk on Buffalo's Unity Island. We'll go over identification tips, how to use a field guide, and how to use binoculars. Meet at north lot. Binoculars are available. Pre-registration is required. Please call 585-457-3228 to register. Donations accepted.

Observatory at Beaver Meadow-7:00pm – 10:30pm at Beaver Meadow Audubon Center, 1610 Welch Rd, Java Center, NY 14082. The Buffalo Astronomical Association will take visitors on a guided tour of the night sky at the Observatory at Beaver Meadow. When the weather doesn't allow observing, presentations and telescope clinics are offered. Visitors are invited to bring their own equipment. Donations gratefully accepted. The Observatory is located close the parking area.

Honey Harvest Festival 2016-Masterson's Nursery, East Aurora. 9am to 5pm Experienced beekeepers will be on hand throughout the event. If you've ever wondered how we get that delicious honey from our bees, stop in and see live honey extracting demonstrations. In addition to the honey extracting, we will be hosting intro to beekeeping seminars, wax rendering/candle making demonstrations, mead (honey wine) tasting, local vendors selling foods and crafts, pollinator friendly garden talk with local experts, the annual honey tasting competition, fun activities for the kids and much more! Bring the whole family or bring yourself down to Masterson's for this free educational and entertaining event. 725 Olean Rd., East Aurora, NY 14052. Check the schedule at http://mastersons.net/beekeeping/honey-harvest-festival-2016/.

Introduction to Geo-Caching-10am. Learn how to use a handheld Global Positioning System (GPS) unit, then search for hidden clues to solve nature mysteries. For adults and children ages 8 and up. Registration required; call 716-683-5959. Reinstein Woods Nature Preserve, Depew.

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

Gill Creek Restoration and Planting-Buffalo Niagara Riverkeeper has received funding from the US Forest Service GLRI to work on riparian planting to reduce stormwater runoff in Gill Creek in the City of Niagara Falls. There will two planting Fall 2016 and more plantings over the next 3 years. We will need volunteers to help plant a mixture of native trees and shrubs from 9am-12pm: REGISTER NOW

Wellness Walk - REFRESH Magazine Walk begins at 10AM. Meet at Casino -Chestnut Ridge Park Orchard Park NY.

Magnificent Mammals and Spectacular Skeletons!-10am to 4pm. Noll Nature Center at Glen Park in Williamsville. This event is presented by the Town of Amherst in partnership with NYS Parks and NYSDEC Reinstein Woods. For information contact Amherst Youth & Recreation at (716) 631-7132.

Evangola Trail Trek: Big Tree Walk-11am-1pm. Evangola State Park. Join us for our trail trek series and explore some of the biggest trees in the park! We will read the "stories" of the forest and reflect upon its history. Parts of the hike will be off trail so please wear appropriate footwear. Call (716) 549-1050 to register for program.

The Capen Garden Walk Committee is hosting a plant/seed exchange on October 1st at the University Presbyterian Church located at 3330 Main Street from 10-2pm. Check out more information at this link: https://www.facebook.com/events/1637980816516686/

Bike Ride Through Olmsted-Celebrate the changing of the seasons with a wonderful 27-mile bike ride to Olmsted parks and parkways around the City of Buffalo, beginning and ending in Allentown for the annual Allentown Fall Festival. There will be family and childrens' activities, live music, vendors selling arts, crafts, clothing, food, beer, and more! Riders will receive an event t-shirt and a voucher for food and drink at the festival. Proceeds benefit the Allentown Association and GObike Buffalo. CLICK HERE to see a map of the route. Registration/Check-ins: 9am in parking lot across from Innovation Center, 640 Ellicott St. in Buffalo.

UB Bike Stampede and Pedal Party-Open to all members of the UB community and surrounding neighborhoods. The event will begin with riders lining up starting at 10a.m. on the UB South Campus, Main and Bailey lot. At 11a.m. riders will roll out to loop around the beautiful South Campus and proceed through Amherst to the North Campus, around the iconic bull statue and past the Solar Strand. The route concludes back at South Campus where riders can enjoy an after-party, featuring music, food trucks and opportunities to meet with UB, local government and neighborhood representatives. This event is presented by the PSS Sustainable Living Subcommittee on Alternative Transportation. For more information, contact Domenic J. Licata, PSS Chair, at djlicata@buffalo.edu or 716-645-2003.

Sunday, October 2

Honey Harvest Festival 2016-Masterson's Nursery, East Aurora. 10am to 4pm Experienced beekeepers will be on hand throughout the event. If you've ever wondered how we get that delicious honey from our bees, stop in and see live honey extracting demonstrations. In addition to the honey extracting, we will be hosting intro to beekeeping seminars, wax rendering/candle making demonstrations, mead (honey wine) tasting, local vendors selling foods and crafts, pollinator friendly garden talk with local experts, the annual honey tasting competition, fun activities for the kids and much more! Bring the whole family or bring yourself down to Masterson's for this free educational and entertaining event. 725 Olean Rd., East Aurora, NY 14052. Check the schedule at http://mastersons.net/beekeeping/honey-harvest-festival-2016/.

Family Walk at Beaver Meadow- 2 to 3pm. Beaver Meadow Audubon Center, Java Center. Enjoy a guided walk led by one of our naturalists through the Preserve. Donations accepted.

Trek Tifft-2:00pm - 03:30pm. Drop in on Sunday afternoon for a guided tour of the Tifft Nature Preserve on our beautiful and accessible trails! All ages welcome. Please call 716.825.6397 to confirm walk will be taking place. $2 donation per person appreciated.

Quiet reflective walk - Walk begins at 10:30am. Meet at Hoyt Lake/Marcy Casino, Delaware Park Buffalo NY.

Basic Wheel Maintenance- 6:00 PM - 7:00 PM. Join us at our community workshop at 98 Colvin Avenue for an overview of Basic Wheel Maintenance. We will cover hub overhauling and adjustment, wheel truing, and how to fix a broken spoke. Practice wheels will be available to work on but participants may also bring their own wheels. Please RSVP to Stacy Sauvageau at stacy@gobikebuffalo.org. A suggested donation of $10 covers all instruction and material costs.

Buffalo Geological Society Meeting-7:30pm at the Parkside Lutheran Church at Depew and Wallace Streets in Buffalo (near the Buffalo Zoo off Parkside). Speaker is Jerry Bastedo, former Penn Dixie Executive Director.

Monday, October 3

Slow Roll Buffalo-Free biking event for all ages. 5pm. Locations change weekly. Register once annually if participating. Check for updates and location at www.slowrollbuffalo.org.

"New York's Rare and Endangered Plant Program"-Hosted by Buffalo State College Department of Biology and the Eckert Herbarium . Steve Young, Chief Botanist at the DEC's Natural Heritage Program, will speak from 4:30 PM - 5:45 PM in Bulger Communications Center 2W (2nd Floor West). Visitors to campus should use metered parking spots in Lots R-3, R-4 and I-30; they are nearest to Bulger Communications. If you enter campus on Rockwell Road from Elmwood Avenue, Lot R-3 is behind the Burchfield-Penney Art Gallery. Lot R-4 is behind Moot Hall. Or if you enter campus on Iroquois Road from Elmwood Avenue, Lot I-30 is behind Rockwell Hall. For a campus map, google 'campus map, Buffalo State College'. The R parking lots are dark gray. Free to the public.

WasteNotWantNot Meeting- 7pm, vegan potluck and food share at 251 Norwood Ave. (lower), Buffalo. https://www.facebook.com/wnwnbuffalo/

Tuesday, October 4

Repair and Renovation: Porches Workshop- Market Arcade Building - Conference Room, Buffalo, @ 6pm. http://porchesworkshopmarketarcade.brownpapertickets.com/ There is a cultural and community significance to the front porch! Long a gathering place, outdoor living room, primary architectural feature, and a way to connect with neighbors; porches are an important feature in Buffalos historic neighborhoods. Learn the fundamentals in maintaining and repairing your homes porches, includi evaluating its condition; basic maintenance; identifying problem areas; simple common repairs; replacing lost or damaged architectural features; hiring contractors, and other best practices.

Annual Tuesday Evening Stress Reducer Paddle-Paths, Peaks and Paddles staff will lead the trip on Ellicott Creek! Whether this is your first time in a kayak or an "old has been paddler" it's a time to enjoy the water, meet some new people, talk to some old friends and relax for an evening.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.

Black Rock Riverside Garden Group Speakers: Garden Art- Join the Black Rock Riverside Garden Group every Tuesday evening from 6:00 - 7:30 to enjoy special guest speakers and coloring activities. Black Rock Historical Society Museum, 1902 Niagara Street. Find out more on their Facebook page or contact the BRRAlliance!

2016 C-SAAHN 'IMAGINE' Lecture Series- Noon to 1pm@ Downtown Buffalo & Erie County Public Library. http://buffaloah.com/h/center/lib/16lec.html for details and speaker confirmation. Noon - 12:30 P.M. "The Creative Thinker's Toolkit Course: The Creative Person—Practice and Passion" The Great Courses Video #1 by Professor Gerard Puccio, Ph.D. The State University of New York, Buffalo 12:30 P.M. - 1:00 P.M. Speakers: Gerard Puccio, Ph.D.,Chair & Professor - International Center for Studies in Creativity, SUNY Buffalo State & Phil Haberstro, Ex. Dir., Wellness Institute for Greater Buffalo Co-sponsored by the Wellness Institute of Greater Buffalo

Living Sustainably- Griffith Institute High School at 6:30pm at 290 North Buffalo Street, Springville, NY. In a throw-away wasteful society is it possible to live an environmentally friendly lifestyle? Not only is it possible, it is actually simple and and can save you money. A suggested donation of $5 will be collected at the Meetup to help support the mission of Wild Spirit. Sign up at http://www.meetup.com/Nature-in-WNY

Feeding Backyard Birds- Master Gardeners talk from 12:15 to 12:45 p.m. in the Genesee County Cornell Cooperative Extension office, 420 E. Main St., Batavia. The talks are free. Take your lunch. Registration is not required.

Farm to School Chef Challenge-4:00 PM at Southside Elementary School at 430 Southside Pkwy, Buffalo, NY 14210. Details and ticket information are online at http://bit.ly/2diQMtQ. Admission is free and open to parents, staff and students of Buffalo Public Schools, and there are 100 public tickets set aside for non-BPS families and community members! Non-BPS families and community, should reserve tickets at: http://bit.ly/2d4cbfD.

Community Meeting: Revitalization of Black Rock Harbor/Scajaquada-6:00 PM - 8:00 PM. Please join us for a community discussion. Auditorium of the The Buffalo History Museum, 1 Museum Ct. Buffalo NY 14216.

Wednesday, October 5

Master Gardener Fall Gardening Classes: Gardening for Pollinators- Three classes will be held at the Cornell Cooperative Extension in E. Aurora, 7:00 – 8:30 p.m. Cost $20/session or $50 for all 3. To register call CCE at 652-5400, ext.:177, or visit the website: erie.cce.cornell.edu .

GBNRTC-PCC Meeting-9:30AM at NYS Thruway Authority, 455 Cayuga Rd, Suite 800, Cheektowaga NY, 14225 . Public invited to discuss transportation issues. Monthly meeting locations rotate, so you can confirm at 856-2026.

Green Development Zone Tour-8am at 460 Massachusetts Ave, Buffalo, NY. Tours are one hour long and offer the incredible experience of seeing the work that PUSH is doing first hand and meeting Westside residents that have driven the development work. Some of the exciting community-led projects you will see on the tour are green affordable housing construction, community-based renewable energy projects, housing weatherization, green jobs training, green infrastructure, and vacant land restoration projects. If you are interested in coming on a tour, email Development Assistant: Ahmad Nieves @ ahmadnieves@pushbuffalo.org

"Half-Earth: Our Planets Fight for Life"- Chairman's Book Club at the Public Library discussing book by E.O. Wilson at 12 noon at downtown library. Discussion led by Lynda Schneekloth.

Free Guided Wellness Walk- Explore Downtown Buffalo with a free guided walk every Wednesday from October 5 to Oct 26, 2016. Walk starts at 12:10PM sharp and last 30 minutes. Meet at the VBN Visitor Centerwww.VisitBuffaloNiagara.com (Across from Lafayette Hotel and Central Library).

Energy Democracy Committee Meeting-6:00 PM - 8:00 PM. If you'd like to get involved with our Energy Democracy campaign like the work going into bringing cheap power, and lower utility bills to our local neighborhoods, work around climate change, solar panels and more - join us at our next Energy Democracy Committee meeting at the Grant Street Neighborhood Center, 271 Grant St in Buffalo NY.

Buffalo Talks : Michael Schmand of Buffalo Place-Working for Downtown with Guest Speaker: Michael Schmand, Executive Director. Mike will give us an update on Buffalo Place and the activities they are involved with from Cars Sharing Main Street, Queen City Social, increased operations, planning, the Ranger Program and the positive changes that are taking place in our downtown. This Talk is located in the Collections Gallery Conference Room on the second floor. http://www.workingfordowntown.org/buffalo-talks-oct-5th-2016-michael-schmand-of-buffalo-place/. Reserve A Spot Online Today

Thursday, October 6

Homesteading: Growing Garlic- 6pm. The fun series of do-it-yourself classes will help get you started on the path to becoming more self-sufficient. Take one class or all 9 (future Thursdays)! All class supplies are included with the class fee unless otherwise noted. You MUST preregister and pre-pay for each class and class sizes are limited. Contact Amanda for more information at 433-8839 ext. 231 or by email app27@cornell.edu. Cornell Cooperative Extension of Niagara County provides equal program and employment opportunities. $15. Growing your own food is a fun and rewarding experience. John will walk you through the basics of growing your own garlic at home.

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.

Thursday Evening Stress Reducer Paddle - Come join the Paths, Peaks & Paddles guides. 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.

Buffalo LISC's Second Annual Community Development Awards Breakfast- The event will be held at the Foundry Hotel & Banquet, located at 1738 Elmwood Avenue, Buffalo. Breakfast will begin at 8:00 a.m. with the awards presentation to follow. Registration for the event is now open via Brown Paper Tickets. The event is free to attend, but we ask that you register to reserve your seat no later than **Friday, September 30**. **Click here to register today!**

Effect of Big Media and Big Money on Political Campaigns-A town hall-style panel discussion with 5:00 p.m. registration, 5:30-7:00 p.m. program. Cost: Free for members of sponsoring organizations; $5 for guests. United Way Conference Room, 742 Delaware Avenue, Buffalo, NY 14209, Parking lot entrance off Summer Street. Moderator: Lee Coppola, retired dean, St. Bonaventure University School of Journalism, Panelists: James A. Gardner, interim dean, University at Buffalo Law School; Jim Heaney, editor and executive director, Investigative Post; Carole McNall, assistant professor, St. Bonaventure School of Journalism; Given the surprising events of the 2016 presidential campaign, have the issues surrounding money in politics changed? If it's not possible to keep big money out of politics, are there any ways to level the playing field? Is the media reporting fairly about all the candidates in any particular race? Come hear the experts' thoughts on these and other crucial matters -- including questions from the audience. RSVP: Attendees must reserve via email to WBASNYWNY@ymail.com. Space is limited!

"Wildlife in Your Community"-Presentation by Elise Able, President of Fox Wood Wildlife Rescue. Nike Base Community Center, 3278 Whitehaven Road, Grand Island, 6:00-8:00pm.

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

Orchard Park Garden Club- 11:30 a.m. at the Orchard Park Presbyterian Church, 4369 S. Buffalo St., Orchard Park. Sign-ups begin at 11:30 a.m., with refreshments at noon and the program at 12:30 p.m. Peter Syracuse of Atrium Florists of America will present unique floral designs and teach basic vase and basket arrangement. He will also feature tropical exotic flowers and demonstrate how to use them in designs. http://media.wix.com/ugd/840e55_e3707dbace334570bd4c27b81e5184e9.pdf

Sustainability from Rio to Buffalo: Think Globally and Act Locally- 6 to 9pm. Come and learn how the 2016 Olympic City of Rio de Janeiro opened the grounds for the demands of the people in the local communities to be included in the solutions for chronic problems they are facing: access to clean water, pollution, excessive traffic and more. Learn the story of a famous non-profit in the outskirts of Rio named "SINAL do Vale" which has played a large role on a local level to address these problems in unique ways; a model from which Buffalo and the Great Lakes Region can learn. GET TICKETS HERE https://www.eventbrite.com/e/sustainability-from-rio-to-buffalo-think-globally-and-act-locally-tickets-27525550663. Montante Cultural Center, Canisius College. All proceeds go towards future scholarships for students to participate in the Canisius - Sinal Trip.

Meat the Farmer-10am to 2:30pm. Take this opportunity to talk directly to farmers who produce a variety of local meat products, as well as taste and buy some of their products. CCE staff will be there to talk to you about MeatSuite.com, a free online directory of regional livestock farms selling meat in bulk quantities. Downtown Country Market (on Court and Main Street).For more information visit: erie.cce.cornell.edu

Great Decisions: Climate Change-10am to noon. League of Women Voters. Marie Hanrahan will lead our seventh 2016 Great Decisions discussion. In the past few years, the American public has become more aware of the damage wrought by climate change. From droughts in the west to extreme weather in the east, a rapidly changing climate has already made its footprint in the United States. More about Great Decisions. LWVBN League Office, 1272 Delaware, Avenue, Buffalo 14209.

Effects of Big Money and Big Media on Political Campaigns-5:30 to 7:30pm. Panel discussion co-sponsored by the Women's Bar Association of the State of New York, Western New York Chapter, and the League of Women Voters and moderated by Lee Coppola. Coffee and dessert will be served after the program. United Way, 742 Delaware Avenue, Buffalo. Free for Members of sponsoring organizations; $5.00 for Non-Members Attendees must RSVP: WBASNYWNY@ymail.com

Friday, October 7

Civic Action Plan Roundtable 10:00AM-2:00PM at SUNY Buffalo State College. New York Campus Compact Executive Director, Laurie Worrall, will provide inspiration, information, and time to share resources and ideas for leveraging existing campus infrastructure for engagement and for boldly exploring new areas and opportunities for impact as campuses write campus civic action plans this year. Registration is now open. **The registration fee will be covered by WNYSLC for member institutions. If you are unsure about your insitution's membership status, please contact WNYSLC.**

Enchanted Forest-6 to 9pm. An evening visit with the animals, (portrayed by costumed interpreters) who call Beaver Meadow home. Fun for the whole family, the Enchanted Forest is an experience you will remember for a lifetime! **Pre-registration is required.** Please call 585-457-3228 to register. $9 per person; $8 for BAS members. Beaver Meadow Audubon Center, North Java.

New York Organic Action Plan Meeting-Panel Discussion as part of World on Your Plate. 4:30-8:30pm at Daemen College, includes light supper. $10 in advance, $15 at the door. www.worldonyourplate.org. Farm to Market: Issues and Challenges are the focus. New York State Organic Action Plan will ask you what direction you would like organics to take in NYS. Before that question receives an answer we need to have an understanding of where it is we currently are and why. Each of our panelists represent part of the food thread that extends from the soil to our mouths. Each has their own set of challenges & regulations with which they need to work. In order to move forward we need a basic understanding of what these might be.

Nature and Art-6pm to 7:30pm at Evangola State Park. Take in an amazing sunset while hiking along the Lake Erie shoreline followed by an evening of nature and art activities for the whole family at the nature center. Call (716) 549-1050 to register for program.

Saturday, October 8

Horticulture I: Shrubs and Trees (includes tree tour)-11am-1pm. Join Buffalo & Erie County Botanical Gardens for an entertaining garden education with David Clark, Horticulturist. David is becoming one of the country's noted garden speakers! These classes are great for beginners or gardeners and landscapers wishing to brush up on their skills. Those who complete each series will be presented with a certificate. Garden Members $105 or $22 per class, Non-Members $135 or $27 per class. Must register for classes at http://www.buffalogardens.com/

Behind the Scenes at the Buffalo Zoo- 1:00 p.m. - 2:30 p.m. Ages: Families with children ages 6 and up This workshop is an exciting experience that gives you and your family a once-in-a-lifetime chance to go behind closed doors at the Buffalo Zoo! Meet zookeepers as we visit three exhibit areas to learn the daily routine of preparing animal diets, observing behavior, training and more. To register, http://www.buffalozoo.org/wild_workshops.html

Take a Gorgeous Bicycle Ride!-10am to noon at Niagara Falls State Park. Join us for one more roll along the beautiful Niagara Gorge! Enjoy the autumn colors as we cycle up to Devil's Hole State Park and back. Call (716) 282-5154 to register for program.

Dog Friendly Fall Foliage Walk-2 to 4pm at Buckhorn Island State Park. Join a park naturalist with your furry friend and explore the beauty of this park. Dogs must be on a leash and under your control at all times while on the walk. Call (716) 282-5154 to register for program.

Enchanted Forest-6 to 9pm. An evening visit with the animals, (portrayed by costumed interpreters) who call Beaver Meadow home. Fun for the whole family, the Enchanted Forest is an experience you will remember for a lifetime! **Pre-registration is required.** Please call 585-457-3228 to register. $9 per person; $8 for BAS members. Beaver Meadow Audubon Center, North Java.

Penn Dixie's WNY Earth Science Day-free program from 9 am to 4 pm! Learn about our home, Earth, in an outdoors and family-friendly setting. Watch earth scientists as they exhibit and demonstrate various aspects of ther profession. View drill rigs and watch a demonstration on rock coring and drilling operations. Sunspots and solar flares will also be visible through our telescopes along with fossil collecting and a variety of other activities. And, enjoy delicious tacos from Lloyd! More info: https://penndixie.org/wny-earth-science-day/

Saturn, Mars, and the Fall Constellations-6pm – 9pm at Penn Dixie Site, 4050 North St, Blasdell, NY 14219, USA (map). Telescopes will focus on Venus low on the western horizon at sunset, Saturn low in the west, Mars, the waxing crescent moon, the famous Double open star cluster NGC 869-84 in Perseus, (ET) open star cluster NGC 457 in Cassiopeia constellation, the bright star Capella with its flashing colors rising in the east around 9 PM, and the Draconid Meteors.

Riverkeeper Nature Hike: Devil's Hole State Park-9am to 1130am. **register**

Foraging for Wild Foods- 10:00am-1:00pm at Buffalo Ski Club. Exploring fields, wetlands and forests in search of wild edible plants. Sampling stations will be available along the trails for some prepared wild snacks. Fees: Members (Buffalo Ski Members included): $8 | Non-Members: $12. Register at http://earthspiritedu.org/events.html

Hazardous Waste Dropoff in Lockport-For your protection and ours, all HHW drop-offs are by APPOINTMENT ONLY. A maximum of 420 appointments are reserved for each event, which will take place from 10:00am to 2:00pm. http://www.hazmanusa.com/event-registration/2016/06/18/niagara-county.

Leaf Hunt-10:30am. Search the woods for lovely fall leaves and the critters that call them home. For kids ages 10 and younger. Registration required; call 716-683-5959. Reinstein Woods Nature Preserve, Depew.

World on Your Plate- 9am to 5pm. Workshops, wonderful organic lunch and keynote speakers Frances Moore Lappe presenting "The Solution is on Your Plate" and Petra Page-Mann talking about "Resilient Seeds in a Changing Climate". www.worldonyourplate.org/

Outdoor Photography-12:30 to 3:30pm. Meet at the Visitor Center, Iroquois National Wildlife Refuge: 585-948-5445 ext. 7036 Iroquois@fws.gov

Tremendous Trees-10am – 11am. Findley Lake Nature Center 2883 North Road, Findley Lake, NY (map) This event is free and open to the public. It will last approximately 1 hour. CWC and Findley Lake Nature Center are partnering to offer a presentation on the benefits of an intact forest in the watershed and all the tremendous things trees do. Following the presentation, a guide will lead a nature walk to look at the tree species found along Findley Lake Nature Center's Interpretive Trail.

Sunday, October 9

Sunday "Walks and Talks"- 2 p.m. in Amherst State Park, 390 Mill St., Williamsville. Meet at the kiosk by the parking lot. Please wear clothing appropriate to the weather. The walks will be held rain or shine. The presentations are family oriented, fun and free. The presentation is: Ashes to Ashes: Tracking the Emerald Ash Borer. The presenter will be Patrick Marren, a forester with the Department of Environmental Conservation, working out the Region 9 office in Buffalo. He works with private forest owners in rural areas to encourage sustainable forestry management and to promote trees and their benefits within the communities of Western New York. For more information, call 716-634-2909 or email AmherstStatePark@roadrunner.com.

Family Walk at Beaver Meadow- 2 to 3pm. Beaver Meadow Audubon Center, Java Center. Enjoy a guided walk led by one of our naturalists through the Preserve. Donations accepted.

Trek Tifft-2:00pm - 03:30pm. Drop in on Sunday afternoon for a guided tour of the Tifft Nature Preserve on our beautiful and accessible trails! All ages welcome. Please call 716.825.6397 to confirm walk will be taking place. $2 donation per person appreciated.

Enchanted Forest-6 to 9pm. An evening visit with the animals, (portrayed by costumed interpreters) who call Beaver Meadow home. Fun for the whole family, the Enchanted Forest is an experience you will remember for a lifetime! **Pre-registration is required.** Please call 585-457-3228 to register. $9 per person; $8 for BAS members. Beaver Meadow Audubon Center, North Java.

Family Hike: Ellicott Creek Park-Summer is almost over and some of the most shared family scenic adventures is by hiking. This adventure is geared for the young at heart. Parents are welcome to join us too! Come out and join us for a morning hike from 9:00 am until approximately 11:00 am. This is the wonderful time of year when the Autumn leaves change and present to us bouquets of colors all along paths. As we get into the fall enjoy walking the paths and crunching on the crisp leaves. As we near winter enjoy walking the paths with new fresh snow falling. We will explore a different parks every month. Dress for the weather! Cost is $10.00 for a family and will include your guided trip and snacks. Your adventure is presented by the Paths, Peak & Paddles Guides and Instructors. www.pathspeakspaddles.com

Dog Friendly Fall Foliage Walk-10am to noon at Whirlpool State Park. Join a park naturalist with your furry friend and explore the beauty of the Niagara Gorge. Dogs must be on a leash and under your control at all times while on the walk. Call (716) 282-5154 to register for program.

Christmas at the Lighthouse-11am to 4pm at Golden Hill State Park. This annual event sponsored by *Friends of Thirty Mile Point Lighthouse* will include lighthouse tours, bake sale, basket auction, souvenirs for sale, and a state park display and craft. Food will be available including a chicken barbeque. Admission to park and lighthouse is FREE. Donations to the Friends Group are gratefully accepted. For information call (716) 795-3885.

Maintaining your Bike Through the Fall and Winter- 6:00 PM - 7:00 PM. Join us at our community workshop at 98 Colvin Avenue for a class in Maintaining your Bike through the Fall & Winter. Bikes ridden through rain, salt, snow, and sludge need a little extra attention. We will show you how to keep your ride running in tip top shape. We will also share tips for winter riding and choosing a winter bike. Please RSVP to Stacy Sauvageau at stacy@gobikebuffalo.org. Our suggested donation for the class is $10.

Monday, October 10

Slow Roll Buffalo-Free biking event for all ages. 5pm. Locations change weekly. Register once annually if participating. Check for updates and location at www.slowrollbuffalo.org.

Buffalo Stands with Standing Rock-You Can't Drink Oil! Water is Life! 11am Rally at Army Corp of Engineers, 1776 Niagara st. Buffalo. March down Niagara to W.Ferry down to the foot of Ferry then back along the river to Unity Island (located slightly south of Army Corp of Engineers at 1731 Niagara St.) Press conference at 11:30 am. D emand the Army Corp of Engineers Stop the construction of the Dakota Access pipeline and respect Indigenous Sovereignty of the Standing Rock Sioux and honor the Fort Laramie treaties. Please bring a dish if you can for a potluck following the rally and march at Unity Island.

Tuesday, October 11

Erie Canal Harbor Development Corporation Meeting- 10:30am. Board Room of ESD's Buffalo Regional Office, 95 Perry Street - Suite 500, Buffalo, NY 14203.

2016 C-SAAHN 'IMAGINE' Lecture Series- Noon to 1pm@ Downtown Buffalo & Erie County Public Library. http://buffaloah.com/h/center/lib/16lec.html for details and speaker confirmation.
Noon - 12:30 P.M. "Understanding the World's Greatest Structures: Science and Innovationfrom Antiquity to Modernity: Egypt and Greece—Pyramids to the Parthenon" The Great Courses Video #10 by Professor Stephen Ressler, US Military Academy at West Point. 12:30 - 1:00 P.M. Speaker - Jessie Fisher, Ex. Dir. Preservation Buffalo Niagara, "Fifth Anniversary National Trust for Historic Preservation 2011 National Conference at Buffalo", Co-sponsored by the Richardson Olmsted Complex & Buffalo Architecture Center

Green Infrastructure Policy Forum- 8:00am - 12:00pm at the Buffalo History Museum, the New York League of Conservation Voters Education Fund will host a policy forum on the topic of green infrastructure in the Buffalo-Niagara metropolitan region. The event will feature two panel discussions of local nonprofit leaders, policymakers and practitioners with the purpose of generating policy recommendations that policymakers can use to drive the implementation of green infrastructure in the region. The event will begin with breakfast at 8:00am, followed by the first panel beginning at 8:30am. RSVP here and reach out to Will von Geldern at wvongeldern@nylcv.org with any questions about attending or sponsoring the event.

Kenmore Garden Club-10am at Kenmore United Methodist Church, 32 Landers Rd., Kenmore. Bob Poczik will present a slide show including views of Central Park, Delaware Park and Niagara Falls Park. The program will also reveal many fascinating things about Frederick Law Olmsted's life and other accomplishments. Poczik is a retired educator from the New York State Education Department, a world traveler, a storyteller, book reviewer and a great deal more. The talk and meeting are free and open to the public.

Ken-Sheriton Garden Club-Meet at 7:30 p.m. in St. Mark'sLutheran Church, 576 Delaware Rd., Kenmore. "Fall and Winter Backyard Birds" will be presented by Danielle Pecoraro, co-owner of Wild Birds Unlimited. She will share information about bird activity during the fall and winter, how to attract birds to your yard and how to care for their needs. A business meeting will follow. Guests are invited.

"Some Marvelous Trees in Monroe County's Highland and Durand-Eastman Parks and Fungi"- 7:30pm talk. Speaker Richard J. Cook is an arborist with a landscaping business in Monroe County, as well as a member of the New York Flora Association and the Rochester Mushroom Club. He has been involved with restoration work done at the above parks. General meetings are held at 7:30 p.m. at the Harlem Road Community Center, 4225 Harlem Road, one block south of Main Street in Snyder (except November and April meetings). All General Meetings are open to the public and free of charge.

Community Building Committee Meeting- 5:00 PM - 7:00 PM. This is the place where you can help with planning PUSH events and community building activities. We'll be meeting at **271 Grant St** in Buffalo NY.

Wednesday, October 12

Master Gardener Fall Gardening Classes: Importance of Native Plants- Three classes will be held at the Cornell Cooperative Extension in E. Aurora, 7:00 – 8:30 p.m. Cost $20/session or $50 for all 3. To register call CCE at 652-5400, ext.:177, or visit the website: erie.cce.cornell.edu .

Free Guided Wellness Walk- Explore Downtown Buffalo with a free guided walk every Wednesday from October 5 to Oct 26, 2016. Walk starts at 12:10PM sharp and last 30 minutes. Meet at the VBN Visitor Centerwww.VisitBuffaloNiagara.com (Across from Lafayette Hotel and Central Library).

Western New York State Nursery & Landscape Association Meeting- 6 to 8pm at Buffalo Zoo - 300 Parkside Avenue, Buffalo.

Lancaster Garden Club- 7 p.m. at St. John's Lutheran Hall, 55 Pleasant Ave., Lancaster.
The program will be "Mystery Treasure Night." There will be a potpourri of activities and a community service project plus a Chinese auction of members' perennials. New members are always welcome. For more information, email mstyflwr@aol.com.

Vaughan Lecture: Exploring the World of Birds through Media Specimens-7 to 8:30pm at Buffalo Museum of Science. Dr. Mike Webster; Robert G. Engel Professor of Ornithology in the Department of Neurobiology and Behavior at Cornell University and Director of the Macaulay Library at the Cornell Lab of Ornithology. Using his own work on Australian and North American birds, as well as research by others, Dr. Webster will illustrate how media specimens can be used for modern day ornithological research: research aimed at both understanding and conserving birds. He will also show how emerging new and inexpensive technologies are allowing everyday "citizen scientists" to collect and use media specimens, leading to a better understanding of birds at continental and even global scales. Efforts such as these are allowing for broader participation in ornithological science, and are fostering a deeper appreciation of the natural world. Lecture is FREE and open to the public. The Vaughan Lectures are supported in part by the William C. Vaughan endowment.

Thursday, October 13

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

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.

"45 More Gardening Tips in 45 Minutes"- Connie Oswald Stofko will present at the Niagara Shores Garden Club at 7 p.m. in the Newfane Town Hall, 2737 Main St., Newfane. Open to the public., Stofko will share 45 new tips that she has come across while writing for BuffaloNiagaraGardening.com, the online gardening magazine for Western New York. She has to average one tip per minute, so it's fun to see if she can squeeze them all in! Whether you're a beginner or a seasoned gardener, you'll find something in this presentation that you can use in your own landscape.

Emerald Ash Borer Task Force Meeting- 9:00am - 11:00am at Erie County Fire Training Academy, Room 112, 3359 Broadway, Cheektowaga, NY 14227. All are welcome.

2016 Preservation Awards -Join Preservation Buffalo Niagara at Five Hundred Seneca at 6 pm as we celebrate the winners. Tickets for this event are $45 for PBN members, $60 for non-members. Tickets may be purchased by contacting Olivia Cammisa-Frost at (716) 852-3300, or ocammisa-frost@pbnsaves.org.

Friday, October 14

American Iris Society Region 2 meeting- Fairfield Inn & Suites, 4271 Genesee St., Cheektowaga. The times are 5 to 9 p.m. Friday and 8 a.m. to 5 p.m. Saturday. Get more details here.

2nd Annual ReStore DIY Contest and Auction- Habitat Buffalo has organized a very fun event that gives people the opportunity to learn about and own the DIY creations that we all see on Pinterest but never have time to make ourselves. The ReStore DIY Contest and Auction will be held from 6-9 PM at our South ReStore location. Habitat Buffalo has brought together DIYers and designers to make unique pieces of furniture, lighting, and housewares from materials that they gathered at our ReStore locations and these creations will be auctioned off at the event. In addition to the auction, there will be live DIY demonstrations, food trucks, local breweries, live music, games, raffles, and so much more! The ReStore DIY Contest and Auction is proudly sponsored by Valu Home Centers! For more information, please check out our event page at www.restorediycontest.com and click here to check out pictures from last years DIY Contest!

Bridging the Gorge Part 1-5 to 7pm at Artpark State Park. A hiking series on the history and tales of each of the bridges that span the Niagara Gorge will begin where the falls did. See remnants of the old bridge and the wonder of the new one. Call (716) 282-5154 to register for program.

GoBike Buffalo's Great Big Bike Adventure- 4:30 PM - 9:00 PM. Join us for a Buffalo-themed scavenger hunt! Our annual fundraiser for our community workshop will feature a fun-filled scavenger hunt. The scavenger hunt will run from 4:30 to 7:30 pm, with an after party at dIG! at 640 Ellicott Street. Find friends to make your team of 3 to 4 people. Registration will be $5 per person. Use of your bicycle is suggested but not mandatory (get ready to run).

Saturday, October 15

Horticulture I: Annuals and Perennials-11am-1pm. Join Buffalo & Erie County Botanical Gardens for an entertaining garden education with David Clark, Horticulturist. David is becoming one of the country's noted garden speakers! These classes are great for beginners or gardeners and landscapers wishing to brush up on their skills. Those who complete each series will be presented with a certificate. Garden Members $105 or $22 per class, Non-Members $135 or $27 per class. Must register for classes at http://www.buffalogardens.com/

Fall into Fitness: Niagara Falls…In the Beginning-10am to 12:30pm at Artpark State Park. Join us to hike the trails where Niagara Falls first formed. Call (716) 282-5154 to register for program.

Pet Friendly Fall Foliage Walk-2 to 4pm at Artpark State Park. Join a park naturalist with your furry friend and explore the beauty of this park. Dogs must be on a leash and under your control at all times while on the walk .Call (716) 282-5154 to register for program.

American Iris Society Region 2 meeting- Fairfield Inn & Suites, 4271 Genesee St., Cheektowaga. The times are 5 to 9 p.m. Friday and 8 a.m. to 5 p.m. Saturday. Get more details here.

Fall Fest-Enjoy the Fall season down along the Outer Harbor! Wilkeson Pointe will be hosting a Fall Fest from 10am-9pm. Enjoy your favorite fall activities along the waterfront! Bring the entire family down for a bunch of family friendly activities including a hay playground, magic shows, live music, and more! We will also have plenty of fall food and drinks including a corn roast, candy apples, kettle corn, craft beer, cider, and wine! For details, check http://outerharborbuffalo.com/events/event/outer-harbor-fall-fest/.

Fall Fest for Farmed Animals: Celebration of Living-ASHA Sanctuary, 2969 Coomer Rd., Newfane, NY.

Researching House History-The Buffalo History Museum, Auditorium at 10:30am. Preservation Buffalo Niagara, in collaboration with The Buffalo History Museum, will be hosting a talk about how to use the museum's records to research your house's history. Members of Preservation Buffalo Niagara or the History Museum, free. $10 for Non-members. Questions? Please call (716) 873-9644 x320.

Saturday Outdoor Photography-12:30 to 3pm. Meet at Visitor Center Iroquois National Wildlife Refuge: 585-948-5445 ext. 7036 Iroquois@fws.gov

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

Woods Walk: Nature Guide's Choice-1pm. Join a guided nature walk through the woods. No registration required. Reinstein Woods Nature Preserve, Depew.

Sierra Club Dinner-6 pm at Temple Beth Zion, 805 Delaware Avenue, Buffalo. With Special Guest Speaker Aaron Mair, President National Sierra Club. Aaron is from Schenectady, NY, and is an epidemiological-spatial analyst with the NewYork State Department of Health. His background and experience includes more than three decades of environmental activism and over 25 years as a Sierra Club volunteer leader where he has worked diligently for environmental justice. We are offering a multi-course buffet dinner with cash bar. We have two ticket prices: $45 for those who can afford to support our fundraising efforts, and $25 for those who are students or on a fixed income. More dinner details here.

PUSH Buffalo Meeting- 3pm. Our monthly meetings are a good place to begin to learn about the work that PUSH Buffalo is doing and how you can get involved. We're meeting at The Grant St Neighborhood Center, 271 Grant St in Buffalo NY. The meeting starts at 3PM. We hope to see you!!!

ReUse Action Anniversary Party-Noon to 5pm at 980 Northampton St., Buffalo. If you visit us you'll hear some great local music, eat some great food, get tours of our building (including a roof top view of the city), and shop FOR HOURS from our extensive and always growing inventory of reclaimed, low cost, and unique building materials. The Facebook event page is here.

Sunday, October 16

Fungi with a Fun Gal-10am. Learn about local fungi with an indoor presentation and a guided outdoor fungus foray. Registration required; call 716-683-5959. Reinstein Woods Nature Preserve, Depew.

Night Prowl-7:30 p.m. – 9:00 p.m. at Beaver Island State Park. See the park as never before with a special "after hours" walk lit by a nearly full moon. Call (716) 282-5154 to register for program.

Family Walk at Beaver Meadow- 2 to 3pm. Beaver Meadow Audubon Center, Java Center. Enjoy a guided walk led by one of our naturalists through the Preserve. Donations accepted.

Trek Tifft-2:00pm - 03:30pm. Drop in on Sunday afternoon for a guided tour of the Tifft Nature Preserve on our beautiful and accessible trails! All ages welcome. Please call 716.825.6397 to confirm walk will be taking place. $2 donation per person appreciated.

Community Bike Class: Fix a Flat-6 to 7pm. Join us at our community workshop at 98 Colvin Avenue for a class in Fix a Flat. Learn the ins and outs of fixing a flat. Includes hands on instruction on tube patching and tube and tire removal and reinstallation. We will also discuss different types of punctures as well as flat prevention. Please RSVP to Stacy Sauvageau at stacy@gobikebuffalo.org. Our suggested donation for the class is $10.

Monday, October 17

Family Full Hunter's Moon Walk-7:30pm. Join a walk and talk on the trails and view the full moon and observe some nocturnal critters. Registration required; call 716-683-5959. Reinstein Woods Nature Preserve.

"Sustainability at Wegmans"-WNY Sustainable Business Roundtable presented by Jason Wadsworth, Sustainability Manager at Wegmans Food Markets Focusing on three major aspects of their sustainability initiatives – carbon reduction, packaging and sustainable choices for customers. 11:45 to 1pm at Cannon Design, 2170 Whitehaven Rd. Register at https://www.eventbrite.com/e/sustainability-at-wegmans-a-sustainability-talk-at-cannondesign-tickets-27883402006

Eva Saulitis Memorial Events- 7pm in Fenton Hall (rm 105) at SUNY Fredonia. Eva Saulitis, one of America's most renowned nature writers and prominent orca biologist, passed away from cancer in January 2016. The Fredonia based events will continue to celebrate the life and works of this distinguished Western New York native. Craig Matkin, Executive Director of the Alaskan North Gulf Oceanic Society, and Elizabeth Bradfield, naturalist-poet and Co-Director of Creative Writing Brandeis University, will speak at SUNY-Fredonia on October 17th and 18th. All events are free and open to the public. Please email for more information – Jon Titus "titus@fredonia.edu".

Slow Roll Buffalo-Free biking event for all ages. 5pm. Locations change weekly. Register once annually if participating. Check for updates and location at www.slowrollbuffalo.org.

Tuesday, October 18

"Weather and the Preparation of Emergency Managers" -WNY Chapter/American Metereological Society hosts Judy Levan, Warning Coordination Meterologist at the Buffalo Office of the National Weather Service. 7 to 8:30pm at SUNY Buffalo State – Classroom Building. Park in Lot I-37 and follow the AMS signs (parking permits will be available). Free, public is welcome.

Eva Saulitis Memorial Events- 7pm in Fenton Hall (rm 105) at SUNY Fredonia. Eva Saulitis, one of America's most renowned nature writers and prominent orca biologist, passed away from cancer in January 2016. Although most famous for her exquisite meditations on orcas, Alaskan wilderness, and cancer, Saulitis was a native of Silver Creek with deep connections to the landscapes, ecology, plants and nature preserves of Western New York. Craig Matkin, Executive Director of the Alaskan North Gulf Oceanic Society, and Elizabeth Bradfield, naturalist-poet and Co-Director of Creative Writing Brandeis University, will speak at SUNY-Fredonia on October 17th and 18th. All events are free and open to the public. Please email for more information – Jon Titus "titus@fredonia.edu".

2016 C-SAAHN 'IMAGINE' Lecture Series- Noon to 1pm@ Downtown Buffalo & Erie County Public Library. http://buffaloah.com/h/center/lib/16lec.html for details and speaker confirmation. Noon - 12:30 P.M. America in the Gilded Age and Progressive Era: The Reconstruction Revolution", The Great Courses Video #2 by Professor Edward T. O'Donnell, Ph.D. College of the Holy Cross, 12:30 - 1:00 P.M. Speaker - Bren T. Price, Sr. Trustee Buffalo Presidential Center, Co-sponsored by the Theodore Roosevelt Inaugural Site.

Green Up: Make your house of worship climate friendly-Rabbi Glenn Jacob, Executive Director, NY Interfaith Power and Light. Congregation Shir Shalom, 4660 Sheridan Dr., Williamsville 7:30 P.M.

Black Rock Riverside Garden Group: Herbs for Every Kitchen- 6:00 - 7:30 at Black Rock Historical Society Museum, 1902 Niagara Street. Find out more on their Facebook page or contact the BRRAlliance!

Owl Prowl- 6:30pm – 8:00pm at Dobbins Woods Bly Hill Road, Ashville, NY (map). Bring a flash light for this twilight excursion! With the guidance of a conservationist from CWC, we'll try to call in some Barred Owls. This interpretive program will feature a 1-mile walk on the Dobbins Woods loop trail and a discussion about our local owls. This program is free for members and open to the public. The suggested donation for non-members is $5. http://www.chautauquawatershed.org/

PUSH Community Development Committee Meeting-This is the place where PUSH ideas and concerns about neighborhood development are born. Please join us on Tuesday October 18th at 6pm. We're meeting at 271 Grant St in Buffalo NY. We hope to see you there!!!

Wednesday, October 19

Owl Prowl-6:30pm. Learn about our local owls, and listen for their calls on a walk in the woods. For adults and children ages 8 and older. Fee $4 per person; $2 per person for Friends of Reinstein Woods members. Registration required; call 716-683-5959. Reinstein Woods Nature Preserve, Depew.

Repair & Renovation: Architectural Plaster Workshop-Swiatek Studios, Buffalo at 6pm. Join Swiatek Studios artisans to learn how to maintain and repair the architectural plaster work in your home or historic building, as well as the ways you can enhance your space with the beauty and style of fine decorative plaster. The workshop will address the anatomy of plaster work and how to evaluate your plasters condition, make basic repairs to cracks and failing plaster, and when to bring in the pros among other topics. Reserve your space at http://plasterworkshop.brownpapertickets.com/

Free Guided Wellness Walk- Explore Downtown Buffalo with a free guided walk every Wednesday from October 5 to Oct 26, 2016. Walk starts at 12:10PM sharp and last 30 minutes. Meet at the VBN Visitor Centerwww.VisitBuffaloNiagara.com (Across from Lafayette Hotel and Central Library).

Western New York Rose Society- 7 p.m. in St. Stephens-Bethlehem United Church of Christ, 750 Wehrle Dr., Amherst. "Gardening on a Dime with Less Time" will be presented by Lyn Chimera of Lessons from Nature.

Citizens Regional Transit Quarterly Meeting-United Way, 742 Delaware Ave., Buffalo. "Options for a New Multimodal Transportation in Downtown Buffalo", Featuring: Bruce Becker, Director, Special Projects and Events, National Association of Railroad Passengers; Dan Leonard, Director, Economic Development, Buffalo Niagara Partnership; Thomas DeSantis, Acting Director of Planning, City of Niagara Falls. 5:30 - 7:00 p.m., doors open at 5:00 p.m. Free and open to the public.

Lake Erie Work Group- 1:00pm - 4:00pm at Woodlawn State Park Lodge 3580 Lakeshore Rd Blasdell, NY 14219. GLAA work group mtg flyer Oct 2016.pdf. All NYS Great Lakes stakeholders are invited to participate -- including environmental orgs, academic institutions, state and federal agencies, local government, individuals and other diverse stakeholder groups (business, health, recreation, planning, etc). Please let us know if you can make it! RSVP to greatlakes@dec.ny.gov by October 14th. Please indicate which work group meeting you'll be attending.

Speak Up: What Can We Say About Climate Change?- Lobbying by people of faith. Rabbi Glenn Jacob, Executive Director, NY Interfaith Power and Light. North Presbyterian Church, 300 N. Forest, Williamsville 7:30.

Thursday, October 20

Homesteading: Fermenting at Home- 6pm. The fun series of do-it-yourself classes will help get you started on the path to becoming more self-sufficient. Take one class or all 9 (future Thursdays)! All class supplies are included with the class fee unless otherwise noted. You MUST preregister and pre-pay for each class and class sizes are limited. Contact Amanda for more information at 433-8839 ext. 231 or by email app27@cornell.edu. Cornell Cooperative Extension of Niagara County provides equal program and employment opportunities. $25. Come learn all about fermenting with Jen, our Master Food Preserver-in training. We will be tasting some fermented foods, and each participant will get to take some sauerkraut with them to ferment at home.

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.

"45 *More* Gardening Tips in 45 Minutes" -7pm. Connie Oswald Stofko, publisher of Buffalo-NiagaraGardening.com, will present at the meeting of the Niagara Shore Garden Club in the Newfane Town Hall, 2737 Main St., Newfane. She has to average one tip per minute.

Edibles and Medicinals in the Home Garden-Hamburg Continuing Education will offer course from 7 to 8:30 p.m. on four Thursdays from Oct. 20 to Nov. 10 at Hamburg Middle School, 360 Division St., Hamburg. Sarah Sorci of Sweet Flag Herbs will introduce participants to a range of common edible and medicinal plants, including tips for cultivation and use after harvest. The fee includes supplies and samples. No experience is necessary. The cost is $58 or $50 for seniors. Registration information is available online. **The deadline for registration is Oct. 11.**

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

Green Development Zone Tour-8am at 460 Massachusetts Ave, Buffalo, NY. Tours are one hour long and offer the incredible experience of seeing the work that PUSH is doing first hand and meeting Westside residents that have driven the development work. Some of the exciting community-led projects you will see on the tour are green affordable housing construction, community-based renewable energy projects, housing weatherization, green jobs training, green infrastructure, and vacant land restoration projects. If you are interested in coming on a tour, email Development Assistant: Ahmad Nieves @ ahmadnieves@pushbuffalo.org

SW Lake Ontario Work Group - 9:00am - 12:00pm - Hansen Nature Center, Tinker Nature Park 1525 Calkins Rd Pittsford, NY 14534. GLAA work group mtg flyer Oct 2016.pdf. All NYS Great Lakes stakeholders are invited to participate -- including environmental orgs, academic institutions, state and federal agencies, local government, individuals and other diverse stakeholder groups (business, health, recreation, planning, etc). Please let us know if you can make it! RSVP to greatlakes@dec.ny.gov by October 14th. Please indicate which work group meeting you'll be attending.

Pumpkin Lantern-06:00pm - 07:00pm. Bring a friend for an evening of adults-only pumpkin carving at Tifft Nature Preserve! We'll provide all you need to create your own pumpkin lantern to display and be proud of! Price: $7. Register

Green Drinks-Barrel Factory and Lakeward Spirits Distillery from 5:30 - 7:30 PM. Located at 65 Vandalia Street Buffalo, NY 14204. There will be some remarks by the head distiller, Andi Bystran, about their water conservation processes for distilling their vodka, as well as environmental design elements incorporated into the Barrel Factory's renovation. Join others for networking. Look for updates at https://www.facebook.com/Greenworks-Buffalo-Niagara-418537631544691/

3 rd annual Hoptoberfest-A growing hops workshop. This year's workshop will be taught by regional Cornell Specialists and experienced Erie County growers and brewers. This workshop will assist individuals in learning how to grow hops commercially. Hoptoberfest 2016 will begin at the Roycroft Printshop (formerly CCE Erie), parking lot with participants loading a bus to travel to Koester Hops in Eden, NY. The group will travel to Big Ditch Brewing Company in Buffalo, NY. Tim Weigle, IPM specialist for the Lake Erie Regional Grape Program, will give a presentation about hops Integrated Pest Management (IPM). The cost to attend is $55 per person, and if enrolled in the CCE Erie Agriculture Program the cost is $50 per person. The cost covers bus travel and appetizers at Big Ditch Brewing. Alcohol is available for purchase only at Big Ditch Brewing Company. Pre-register at event.

Friday, October 21

Buffalonia: Fundraiser for the Matt Urban Human Services Center- 500 Seneca Atrium in Hydraulics District with Band-Those Idiots. Tickets ($25 advance, $30 door) includes music and unlimited beer, food and other liquor will be available for purchase http://urbanctr.org/fundraiser.html

Bridging the Gorge Part 2-5 to 7pm at Niagara Falls State Park. We will discuss the Rainbow Bridge and other Falls View bridges, and then hike to the Whirlpool Bridges before returning along the gorge rim. Call (716) 282-5154 to register for program.

Saturday, October 22

Horticulture I: Garden Design-11am-1pm. Join Buffalo & Erie County Botanical Gardens for an entertaining garden education with David Clark, Horticulturist. David is becoming one of the country's noted garden speakers! These classes are great for beginners or gardeners and landscapers wishing to brush up on their skills. Those who complete each series will be presented with a certificate. Garden Members $105 or $22 per class, Non-Members $135 or $27 per class. Must register for classes at http://www.buffalogardens.com/

15th Annual WNYHS Reptile Show and Sale-10 am to 4 pm, at the Rescue Fire Company No. 5 Hall, 1241 Strad Avenue, North Tonawanda, NY! You can check out all of the details, including information about the all-new Herp Education Room on the 2016 Reptile Show page. The Reptile Show and Sale is the primary fundraiser for the not-for-profit WNY Herp Society. Your attendance enables the Society to host Monthly Meetings and other events for members and visitors, provide herp education in our local community, and fund research grants for reptile and amphibian research. Vendor tables are available, but are filling up quickly. If you are interested in vending at the WNYHS Reptile Show and Sale, please visit the Vendor Information and Application page.

Owl Prowl-6:30pm. Meet at the Visitor Center * REGISTRATION REQUIRED*. Iroquois National Wildlife Refuge: 585-948-5445 ext. 7036 Iroquois@fws.gov

Fall into Fitness: Fall Foliage Hike-10:00 a.m. – 1:00 p.m. at Whirlpool State Park. Hike to Whirlpool Flats to see the changing colors. Call (716) 282-5154 to register for program.

Buffalo Niagara Riverkeeper Hike at DeVaux Woods- 9am to 11:30am. **Register**

Animal Mask Workshop-9:30 to 11:30am. Join us in making and decorating 3D paper animal masks! This workshop is ideal for those who like to play! From very simple masks to more complex, we'll have an option for everyone! Pre-registration is required. Space is limited. Please call 585-457-3228 to register. $5 per person. Beaver Meadow Audubon Center.

North Tonawanda Audubon Preserve Cleanup-1 to 3:30pm. Join the Buffalo Sabres Green Team and the Buffalo Audubon Society for a clean-up at our North Tonawanda Audubon Preserve. Meet at Kinkead St. entrance. Bring work gloves if you have them. Pre-registration is required. Please call 585-457-3228 to register. North Tonawanda Audubon Preserve - Kinkead St. and Meadow Dr. (map)

Owl Prowl- 6:30-8:30pm. Join Buffalo Audubon Naturalist Tom Kerr for a nocturnal hike through the Klydell Wetlands. We'll be looking and listening for the Eastern-screech Owls that make their home in this forested wetland preserve. Waterproof footwear is recommended. **Pre-registration is required.** Call 585-457-3228 to register. Space is limited. $5 per person. North Tonawanda Audubon Preserve - Kinkead St. and Meadow Dr. (map)

Majestic Eastern Hemlock-10m to noon at Portville Free Library, 1 North Main Street, Portville, NY 14770. The Eastern Hemlock is a slow-growing, long-lived tree is a bright gem amongst the treasure trove of trees located within the Lillibridge old growth forest. Sarah Johnson, forest ecologist with The Nature Conservancy, will discuss the important ecological and social values the Eastern Hemlock provides. She will also talk about the threats it is currently facing, including the invasive hemlock woolly adelgid (HWA). Considerations and options for the management of HWA will also be considered. This event will be held at The Portville Free Library, 1 North Main Street, Portville, New York 14770. Fee: Free for members, $5 for non-members, children 13 and under free. Minors must be accompanied by an adult. **Register by 4 PM, Thursday, October 20th**. Sign up at www.pfeiffernaturecenter.org or contact the office at 716-933-0187.

Music is Science Gala- Science Museum fundraiser from 6-10:30pm. Individual tickets are available for purchase at $150 each. You may also purchase a table for $1,500 (10 seats). For more information, contact Kaitlin Byrne by emailing kbyrne@sciencebuff.org or call 716.896.5200 x359.

Get Handy-Free DIY homeownership workshop presented by West Side Neighborhood Housing Services featuring demonstrations from our agency as well as Grassroots Gardens, PUSH Green, Solar Energy, Steve Swiat (historic preservationist), Bob McCabe (home inspector) and Kevin Hayes (store manager, Reuse Action). 10:00 AM to 12:00 PM at Reuse Action - 980 Northampton St, Buffalo, NY 14211 . Register HERE or by calling 877-3910. Space is limited!

Nature Myths-10am. Bats are blind, cottonwood makes you sneeze…how many nature myths do you believe? Separate fact from fiction on this guided walk. Registration required; call 716-683-5959. Reinstein Woods Nature Preserve, Depew.

Birding 101: Class #10-2:30pm. Learn about winter residents—birds that actually migrate *to* our area for the winter season. For adults only. Registration required; call 716-683-5959. Reinstein Woods Nature Preserve, Depew.

Wildlife Ecology- 10:00am-12:30pm at Chaffee Preserve. A brief lecture with pelts and skulls focused upon wildlife adaptations followed by a forest hike in search of wildlife signs and sounds. Fees: Free of Charge - sponsored by Waste Management of Chaffee. Register at http://earthspiritedu.org/events.html

Sunday, October 23

Family Walk at Beaver Meadow- 2 to 3pm. Beaver Meadow Audubon Center, Java Center. Enjoy a guided walk led by one of our naturalists through the Preserve. Donations accepted.

Trek Tifft-2:00pm - 03:30pm. Drop in on Sunday afternoon for a guided tour of the Tifft Nature Preserve on our beautiful and accessible trails! All ages welcome. Please call 716.825.6397 to confirm walk will be taking place. $2 donation per person appreciated.

Community Bike Class: Women and Trans Open Shop-6 to 7pm. We invite all women, trans, and gender non binary identifying individuals to the shop for a night of bicycle maintenance and repair. Staff and volunteers will be on hand to answer any questions, share skills, and discuss the awesomeness of all things bike related.
RSVP to Stacy Sauvageau at stacy@gobikebuffalo.org.

Family Hike: Bond Lake- Summer is almost over and some of the most shared family scenic adventures is by hiking. This adventure is geared for the young at heart. Parents are welcome to join us too! Come out and join us for a morning hike from 9:00 am until approximately 11:00 am. This is the wonderful time of year when the Autumn leaves change and present to us bouquets of colors all along paths. As we get into the fall enjoy walking the paths and crunching on the crisp leaves. As we near winter enjoy walking the paths with new fresh snow falling. We will explore a different parks every month. Dress for the weather! Cost is $10.00 for a family and will include your guided trip and snacks. Your adventure is presented by the Paths, Peak & Paddles Guides and Instructors.

Monday, October 24

Slow Roll Buffalo-Free biking event for all ages. 5pm. Locations change weekly. Register once annually if participating. Check for updates and location at www.slowrollbuffalo.org.

Biketoberfest at the Slow Roll- 8:00 PM - 10:00 PM. Join us after the Slow Roll Buffalo for Biketoberfest, our annual fundraiser and Octobestfest-themed bike party! We'll have music, fun, discounted memberships, and free drinks for our members. Oh, and of course, a jolly good time!, See you there.

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

Tuesday, October 25

Sierra Club Meeting-Join others with the Niagara Sierra Club for their monthly meeting at 7pm at Room 227 Duns Scotus Hall, Daemen College. Visit www.daemen.edu/maps for directions.

2016 C-SAAHN 'IMAGINE' Lecture Series- Noon to 1pm@ Downtown Buffalo & Erie County Public Library. http://buffaloah.com/h/center/lib/16lec.html for details and speaker confirmation. Noon - 12:30 P.M. "IMAGINE The Arts + STEM = STEAM: ImagineGreaterBuffalo 2025",Noon - 12:30 P.M. "Science Wars: What Scientist Know and How They Know It: Theories Need Not Explain". 12:30 - 1:00 P.M. Discussion - Co-sponsored by WNY STEM Hub

Wednesday, October 26

Green Development Zone Tour-8am at 460 Massachusetts Ave, Buffalo, NY. Tours are one hour long and offer the incredible experience of seeing the work that PUSH is doing first hand and meeting Westside residents that have driven the development work. Some of the exciting community-led projects you will see on the tour are green affordable housing construction, community-based renewable energy projects, housing weatherization, green jobs training, green infrastructure, and vacant land restoration projects. If you are interested in coming on a tour, email Development Assistant: Ahmad Nieves @ ahmadnieves@pushbuffalo.org

Free Guided Wellness Walk- Explore Downtown Buffalo with a free guided walk every Wednesday from October 5 to Oct 26, 2016. Walk starts at 12:10PM sharp and last 30 minutes. Meet at the VBN Visitor Centerwww.VisitBuffaloNiagara.com (Across from Lafayette Hotel and Central Library).

West Valley Citizen Task Force Meeting- 6:30 – 9:00 p.m. at Ashford Office Complex, 9030 Route 219, West Valley, NY. http://westvalleyctf.org/meeting-information/

Thursday, October 27

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

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.

Friday, October 28

Measure What Matters: Using Business as a Force for Good Workshop- 1 pm, Cleveland Hall 205, SUNY Buffalo State, 1300 Elmwood Ave, Buffalo, NY 14222, FREE. Call (716) 878-4030 to register. http://www.buffalofirst.org/measure-what-matters

Nature A'Brewing-5:30pm - 09:00pm. Can YOU make a witch's brew?! Come celebrate a family-friendly Halloween in the outdoors! Embark on a wild adventure through the wooded trails to create a magical brew for you know who. Along the way discover what's fact or fiction about the wildlife around you. Hot cider, donuts, popcorn, and kid's crafts too! Costumes encouraged. Entry is timed every 15 minutes. Pre-registration required by calling 716.825.6397. $5 non-members, BMS members save 10%. Tifft Nature Preserve.

Saturday, October 29

Family Indoor Worm Composting-10:30am. Learn how to compost and take home a wiggler worm starter kit. Materials fee $5 per starter kit, $3 Friends of Reinstein Woods members. Registration required; call 716-683-5959. Reinstein Woods Nature Preserve, Depew.

Fall into Fitness: The Evil Spirit Hike-10:00 a.m. – 1:00 p.m. at Devil's Hole State Park. Welcome the coming of *All Hallows Eve* with a Devil's Hole Loop Hike. Learn about the magnificent natural history of the region along the way. Call (716) 282-5154 to register for program.

Evangola Trail Trek: Animal Investigation-11am to 1pm at Evangola State Park. Autumn is a season of preparation for many species of wildlife as the colder months of winter fast approach. Join us as we explore the trails and search for signs of our resident wildlife. Wear appropriate footwear. Call (716) 549-1050 to register for program.

Owl Prowl-6:30 to 8:30pm. Join Audubon Naturalist Tom Kerr as we take a nocturnal hike in search of the Owls that call Beaver Meadow their home. We'll be looking and listening for Eastern Screech-owls and Barred Owls. Pre-registration is required. Call 585-457-3228 to register. Space is limited. $5.00 per person. Beaver Meadow Audubon Center.

Nature Puppet Story Walk-4 to 5:30pm at Wilson Tuscarora State Park. Hear about the life of various animals and birds with the use of puppets as we explore the habitat of these creatures. We will keep an eye out for our real field and forest friends on our discovery hike. Call (716) 282-5154 to register for program.

Alliance for the Great Professional Educator Development Workshop- Tifft Nature Preserve from 9:00 am to 3:00 pm and will include morning snacks, lunch and a small stipend.

Riverkeeper Monthly Cleanup- 10:00 AM to 12:00 PM, please pick a site and join us for our final Monthly Waterway Cleanup of the season! We need volunteers to help at the following locations: Hoyt Lake in Delaware Park, Buffalo and Hyde Park Lake, Niagara Falls.

Great Lakes Model Educators Networking Workshop-The New York's Great Lakes Ecosystem Education Exchange will host a workshop for teachers from 9:30am to 3pm at Tifft Nature Preserve. Workshops are limited to 20 attendees, so reserve your spot now! For info, contact Helen Domske New York Sea Grant - Cornell University Great Lakes Program - University at Buffalo Hmd4@cornell.edu or (716) 645-3610. Lunch and materials are provided.

ReTree Planting Training-For any planters who haven't planted in the past and for any folks that want a REFRESHER course. Training site will be: University Heights Tool Library, 5 W Northrup Pl, Buffalo, NY 14214. Phone: (716) 510-1745.

Horticulture II: Soil Science – 11am to 1pm at Buffalo & Erie County Botanical Gardens. Join us for an entertaining garden education with David Clark, Horticulturist. David is becoming one of the country's noted garden speakers! These classes are great for beginners or gardeners and landscapers wishing to brush up on their skills. Those who complete each series will be presented with a certificate. Garden Members $105 or $22 per class, Non-Members $135 or $27 per class. Registration required at http://www.buffalogardens.com/collections/adults/products/horticulture-ii-fall-2016-semester

Buffalo Ornithological Field Trip: Lake Ontario Plain-Meet at 8 am at Tops Market in Wright's Corners. This is on the east side of Route 78 and Route 104, north of Lockport. Leader: Joe Mitchell (716-604-7701 or rhettbutler81@hotmail.com).

Sunday, October 30

Family Walk at Beaver Meadow- 2 to 3pm. Beaver Meadow Audubon Center, Java Center. Enjoy a guided walk led by one of our naturalists through the Preserve. Donations accepted.

Trek Tifft-2:00pm - 03:30pm. Drop in on Sunday afternoon for a guided tour of the Tifft Nature Preserve on our beautiful and accessible trails! All ages welcome. Please call 716.825.6397 to confirm walk will be taking place. $2 donation per person appreciated.

Monday, October 31

Slow Roll Buffalo-Free biking event for all ages. 5:00pm. Locations change weekly. Register once annually if participating. Check for updates and location at www.slowrollbuffalo.org.

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

Tuesday, November 1

Black Rock Riverside Garden Group: Getting Ready for the Holidays with Live Plants - 6:00 - 7:30 at Black Rock Historical Society Museum, 1902 Niagara Street. Find out more on their Facebook page or contact the BRRAlliance!

2016 C-SAAHN 'IMAGINE' Lecture Series- Noon to 1pm@ Downtown Buffalo & Erie County Public Library. http://buffaloah.com/h/center/lib/16lec.html for details and speaker confirmation. Speaker TBA.

Wednesday, November 2

Senior Stroll-10:30am. Experience nature at your own pace, and enjoy a leisurely guided walk through the woods. Bring a lunch if you want to eat outdoors after the tour. For adults only. Registration required; call 716-683-5959. Reinstein Woods Nature Preserve, Depew.

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

Buffalo Talks-Noon at Central Library Buffalo. Not for Profit Panel with Guest Speakers: Stuart Harper – City Mission, Marylou Borowiak – Food Bank of WNY, Thomas Lynch – Goodwill, Tara Ellis – Meals on Wheels. Representatives from the City Mission, Food Bank of WNY, Goodwill and Meals on Wheels will give background information on their respective organizations, their missions, and relate how the community can become involved in their charities. Free but please register.

Thursday, November 3

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

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.

Annual HNHS/Penn Dixie Fundraiser- 6pm – 9pm at La Galleria Banquets, 3923 Southwestern Blvd, Orchard Park, NY 14127, USA (map). Join us for a night out at our annual fundraiser event. The night will include silent and voice auctions, raffles, hors d'oeuvres and much more! The public is welcome to attend and will be a fun filled evening for all. Donations of themed baskets, gift certificates, artwork, toys and tickets to sport games are all welcome. https://penndixie.org/fundraiser/

GROW WNY: Local Website for Everything Environmental

GrowWNY (http://growwny.org) is a new hyper-local source of information about living green in Western New York. To showcase your local events or advertise a future event, be sure to submit to their online calendar.

Tips for the Environment:

1. **Prepare for the Election-Educate yourself on the candidates and vote.** Scientific America evaluated the four presidential candidates on their answers to 20 science questions. Check out the results: here.

2. Learn about paper recycling to reduce contamination and maximize the benefit-read more at powerofpaperrecycling.

3. **Reuse and recycle your Tips for the Environment**-we are probably all using CFL bulbs, recycling regularly and engaging in lots of earth-friendly behaviors. If you have tips to share, please send them to me to include. I will be updating the archived list on our new website.

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

By Lesley Haynes

Conversation these days is often generated around the rising cost of gasoline. We may not have much influence about the rise in gas costs but we can do a few things to lower the amount that we purchase.

Check Prices - Before you actually buy gas, check on the lowest prices in your neighborhood. Go to **http://autos.msn.com** and look for gas prices. Type in your zip code and you might be surprised at the difference in prices at local stations.

Drive Sensibly - Aggressive driving, speeding and braking, wastes gas. It can lower your gas mileage by 33 percent at highway speeds and by 5 percent around town. Observe the speed limit.

Use Cruise Control - Using cruise control on the highway helps you maintain a constant speed and, in most cases, will save gas. Cruise in the Slow Lane. Gas mileage drops considerably when you go over 60 mph.

Remove Excess Weight - Avoid keeping unnecessary items in your vehicle, especially heavy ones. An extra 100 pounds in your vehicle could reduce your MPG by up to 2% the equivalent of 8 cents per gallon.

Keep Your Engine Properly Tuned - Tune up your car according to your owner's-manual schedule (usually every 30,000 miles) and raise your car's fuel efficiency anywhere from 4 to 40 percent. Use the right motor oil. If the oil is too thick, your engine will have to work harder—burning more fuel. If it's too thin, you won't get the needed protection. Stick with the type recommended by your owner's manual for maximum fuel efficiency.

Check & Replace Air Filters Regularly - Replacing a clogged air filter can improve your car's gas mileage by as much as 10 percent. Your car's air filter keeps impurities from damaging the inside of your engine. Not only will replacing a dirty air filter save gas, it will protect your engine.

Keep Tires Properly Inflated - You can improve your gas mileage by around 3.3 percent by keeping your tires inflated to the proper pressure. Properly inflated tires are safer and last longer.

Fuel Cap - Around 17 percent of the cars on the road have gas caps that need attention, and the evaporation from the tanks of those autos accounts for 147 million gallons of wasted gas a year. If the gas cap on your car is damaged, loose or missing, take time to visit the auto parts store and fix it. Evaporation wastes gas and adds to air pollution.

Planning and Combining Errands - A painless way to reduce your driving (and the fuel consumption, pollution, and greenhouse gas generation that it entails) is to think about all the errands you need to take care of before you get behind the wheel and plan accordingly. Try to shop in one location you will find that one ride covering half-dozen stops can cut out five additional trips. You'll not only save fuel, but also reduce wear and tear on your car.

Commuting - Consider telecommuting (working from home) if your employer permits it. Many employers are now offering 4 day work weeks (10 hours per day) in an effort to cut down fuel consumption. Why not ask?
If possible, take advantage of carpools and ride-share programs. You can cut your weekly fuel costs in half if you take turns driving with other commuters. Public transportation could also save money by not paying for parking fees.

Think about how your fuel conservation efforts benefit the Earth and future generations.

Don't forget, together we can make a difference.

lesleyhaynes14@yahoo.com

Cut Down On Your Trash by Turning Old Junk Into New Treasures

By Paul Deniken

Recycling can help you save money while helping the environment. Even better, it's easy. In fact, 70 percent of the items we use are recyclable. Beyond the recycling of bottles and cans, you can create new items out of old junk you don't need. Here are a few ideas that may inspire you.

Protect that Dress or Suit

Going on a big business trip or destination wedding? Instead of purchasing a garment bag, reuse some of your old pillow cases. As you clean out the linen drawer, take some of your pillowcases and cut a hole on the stitched side. Simply flip the pillowcase and slide it over a hanger. Now you have homemade recycled garment bags for traveling or even just for hanging clothes in the closet.

Reuse Old Drawers

If you have an old, cheap dresser and the drawers are falling apart, don't throw it out. Take a drawer, flip it vertically and mount it on your wall. You now have a drawer cabinet. You can add personal touches like wallpaper on the back for looks or a wood plank for an additional shelf.

Your Favorite Shirt Lives On

Have a favorite shirt that no longer fits you? Instead of throwing it away, turn it into a pillow. Just cut the sleeves off, and sew the edges to create a pouch. Fill the pillow with stuffing, and sew the end. Your shirt will live on and you'll have a unique throw pillow for the den.

Save the Atlas

World maps and atlases have become relics of the past in the internet age. Instead of tossing your maps, frame them. Old maps add charm to your home decor. Just cut out a section or page of a map and fit it into any frame you may already have. I recommend using the Hampton Roads section!

These are just a few ideas to get you thinking outside the box as you go through your own junk. Just remember to take safety precautions as you embark on your DIY recycling projects.

Visit Paul's website for more ideas at http://dadknowsdiy.com/

Ongoing Volunteer Opportunities Available

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

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

AWARE (Association for Wild Animal Rehabilitation and Education) - Volunteers needed for fundraising, grant writing, capturing and transporting animals to us or the veterinarians, public relations, construction of cages, begging for donations of materials and food (for the animals, not us) and for helping at our educational programs. **Buffalo Audubon**- Volunteers wanted for Beaver Meadow Audubon Center, and For the Birds Niagara! Help with tour leading, office work, programming, grounds keeping and general maintenance. Every Wednesday 10am-2pm is Volunteer Day at Beaver Meadow. No need to register, but bring a lunch. Call (800) 377-1520 for details.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Additional calendars with local events-
http://artvoice.com/calendar
http://www.citybration.com
http://www.buffalospree.com/Buffalo-Spree/Events/
http://www.exploreny.net/events.php3
http://www.metrowny.com/events.php
http://www.buffalo.edu/calendar
Re-Energize Buffalo Blog- http://renewnrg.blogspot.com/
http://buffalorising.com
http://www.buffalobarnraisers.com/
http://rochesterenvironment.com/calendar.htm

Additional local blogs and websites-
Buffalo Barn Raisers- http://www.buffalobarnraisers.com/
Buffalo Niagara Gardening - http://www.buffalo-niagaragardening.com/
Buffalo Niagara Nature Almanac- http://bnnatureblog.com/
Buffalo Issues Alert- http://groups.yahoo.com/group/BfloIssueAlerts/
Buffalo Promise Neighborhoods- http://buffalopromiseneighborhood.org/
Buffalo Tours- http://buffalotours.blogspot.com/
Buffalo Green Fund-http://www.buffalogreenfund.org/
Canning Tips for Food Preservation- http://www.motherearthnews.com
Campaign for Buffalo History, Architecture and Culture- http://greaterbuffalo.blogs.com/
Chirps and Cheeps Bird Blog- http://www.chirpsandcheeps.com/
Daily Public- http://www.dailypublic.com/
Dept. Environmental Conservation Calendar- http://www.dec.ny.gov/calendar/
DEC Green Living Tips- http://www.dec.ny.gov/public/337.html
Edible Buffalo- http://ediblebuffalo.wordpress.com/
Erie Cattaraugus Rail Trail- http://www.ecattrail.org/

Fix Buffalo- http://fixbuffalo.blogspot.com/
Gardening Speakers Bureau http://gardentalkbuffalo.blogspot.com/p/blog-page.html
GBNRTC-http://www.gbnrtc.org/blog/
Guide to Urban Farming- http://smallfarms.cornell.edu/resources/
Healthy Kids/Healthy Communities- http://hkhcbuffalo.blogspot.com/
Learning Sustainability Campaign- http://www.learningsustainability.com/
Parks and Trails NY Trailfinder Site- http://www.ptny.org/trailfinder/Default.aspx
Reuse Action-http://reuseaction.com/blog/
Rochester Environment- http://www.rochesterenvironment.com/
WNY Enviro- http://groups.yahoo.com/group/WNY-ENVIRO/
Outdoors Niagara- http://www.outdoorsniagara.com/
Environmental Tips- http://www.globalstewards.org/ecotips.htm
Good Neighborhood- http://thegoodneighborhood.com/
Buffalo Architecture and History- http://www.buffaloah.com/
Richardson-Olmsted http://www.richardson-olmsted.com/
Times Beach Nature Preserve- www.facebook.com/pages/Friends-of-Times-Beach-Nature-Preserve/283210257029
All about Nature- http://www.meetup.com/All-About-Nature-in-WNY/
Black Dog Rescue- www.blackdogsecondchance.org
Peace Weavers- http://peaceweavers.org/
Eco-Island Nature Center- www.k12.ginet.org/resources.cfm?subpage=6518
NY Sport Fishing- http://www.fishny.com/
Erie Canal Trailway- www.ptny.org/bikecanal
Niagara Watershed Alliance- http://www.had-e-nuff.com/id6.html
Rochester Roots-http://www.rochesterroots.org/
SOLE of Buffalo- https://www.facebook.com/pages/SOLE-of-Buffalo/242409525795420
New York Times Green Energy & Environment-http://green.blogs.nytimes.com/
South Buffalo CREW- http://www.southbuffalocrew.com/
U Save Buffalo/Recycling- http://www.facebook.com/USaveBuffalo
We Love Outdoors-http://www.weloveoutdoors.com/
WNY Chapter/American Chemical Society- http://wny.sites.acs.org/
Fishing Outdoors- http://www.huntfishnyoutdoors.com/events.php
WGRZ Outdoors- http://www.wgrz.com/local/2-the-outdoors/
Citizen Science Opportunities- listing

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

New York State Resources
Geographic Information Gateway http://opdgig.dos.ny.gov/#/home

Youth Summer/Holiday Camps/Home School Series
www.aquariumofniagara.org
www.buffaloaudubon.org
www.buffalogardens.com
www.buffscience.org
www.tifft.org
www.buffalozoo.org
www.penndixie.org

Education Resources
Green Education Foundation
Facing the Future
Cloud Institute for Sustainable Education

Sustainable Futures Institute
Nature Generation.
The Center for Ecoliteracy
Hamline's Center for Global Environmental Education (CGEE)
The National Science Teachers Association Learning Centers
The US Partnership for Education for Sustainable Development

Grant Opportunities
http://assembly.state.ny.us/gan/
www.wnygrantmakers.org/
www.grantstation.com
www.grantwatch.com
www.grantwrangler.com
www.grantsalert.com
http://www.glrppr.org/funding/
https://attra.ncat.org/index.php

Urban Farms/ Composting/Rural Community-Supported Agriculture/Sustainable Practices-
Arden Farm- http://theardenfarm.com/
Becker Farms- http://www.beckerfarms.com/csa
Buffalo Organics/Foodscaping Project-http://www.buffalofoodscaping.com/
Busti Cider Mill- www.busticidermill.com
Canticle Farms-http://www.canticlefarm.org
Chicken Worth Eating-http://www.chickenwortheating.com/
Common Roots Urban Farm- https://www.facebook.com/CommonRootsUrbanFarm/
Dirt Rich Farm- http://www.localharvest.org/dirt-rich-farm-M66269
Eastern Monarch Butterfly Farm- https://www.facebook.com/EasternMonarchButterflyFarm
Erie County Farmers' Markets- http://www.agriculture.ny.gov/AP/CommunityFarmersMarkets.asp#Erie County
Falkimmer Farms- http://falkimmerfarms.com/
Farmer Pirates-http://www.farmerpirates.com/
Farmers and Artisans- http://farmersandartisans.com
Farmthisway CSA - http://www.farmthisway.com/
Fenton's Produce- www.fentonsproduce.com
First Light Farm and Creamery- http://www.first-light-farm.com
Five Loaves Farm- Kauffman.m@gmail.com
Flavor Farm- www.flavor-farm.com
Good Food Farm- www.goodfoodfarm.blogspot.com
Gormley Farms- https://www.facebook.com/gormleyfarms
Green Heron Growers- http://www.greenherongrowers.com/
Green Shoots- www.jersbuffalo.org/index.php/programs/category/Green_Shoots_for_New_Americans
Harvest Patch- http://www.harvestpatch.com/
McCollum Orchards/Wildwood CSA- http://www.oldfarmnewlife.com/
Michigan Riley Farm- http://michiganrileyfarm.wordpress.com/
Native Offerings- http://nativeofferings.com/
Niagara Malt- www.niagaramalt.com
Plato Dale Farm- http://www.platodalefarm.org/
Porter Farms- http://porterfarms.org/
The Promised Land- http://www.promisedlandcsa.com/produce.htm
Queen City Farm- www.queencityfarm.org/
Reigle's on the Ridge- http://www.localharvest.org/reigles-on-the-ridge-M48650
Richardson Farms/Grace's Garden- http://www.localharvest.org/richardson-farms-graces-garden-M51641
Roots & Wings Family Farm- http://www.rootsandwingsfamilyfarm.com
Root Down- www.therootdownfarm.com
Sinemus Farms- http://www.sinemusfarms.com/

Singer Farms Naturals-www.singerfarmnaturals.com
Thorpe's Organic Farm- www.thorpesorganicfamilyfarm.com
T-Meadow Farms- http://tmeadowfarm.com/
Wilson Street Urban Farm- http://wilsonstreeturbanfarm.wordpress.com/
NY Sustainable Agriculture Working Group- http://www.farmtraveleronline.com/
NYSAWG Links to Farmers' Markets, CSA, Other farms- http://www.nysawg.org/directory-of-farms.html
Local Harvest (resource site)-http://www.localharvest.org/
NY Agri-women - http://www.newyorkagriwomen.com/
Local Meats- http://meatsuite.com/

Local Tourism promoting Sustainability
Buffalo Bites Food Tours- http://www.buffalobitesfoodtours.com/
Buffalo Tours- http://www.preservationbuffaloniagara.org/buffalo-tours/
Niagara Wine Trail - http://www.niagarawinetrail.org/

Recycling, Reuse, Green Cleaning Options: (also check www2.erie.gov/recycling/index.php?q=node)
Batteries- Twin Village Salvage Recycling, 4153 Broadway, Depew 683-5373
Batteries, rechargeable- drop offs at Office Depot, Best Buy , Target, Walmart, Radio Shack, Lowe's
Bicycles- Buffalo Blue Bicycle http://gobikebuffalo.org/
Books- www.booksforafrica.org, www.operationpaperback.org
Bottle and jar caps-Weisenbach Recycled Products in Ohio. CapsCando.com.
Bras- www.donateyourbra.com, www.brarecycling.us
Building materials- www.buffaloreuse.org
Carpet- WNY Professional Flooring, 864-3875
Cars- http://www.donateacar.com/
Clothing, general-Goodwill, Amvets, Salvation Army, St. Vincent Depaul Society, Ladies of Charity, Goodwill, American Eagle Outfitters
Clothing, formal/business- www.donatemyweddingdress.org/, www.careergear.org, www.dressforsuccess.org
Compact Fluorescent Light Bulbs-Accepted at all Home Depot stores, Lowe's
Computer disks, tapes and misc. techno"trash"- http://greendisk.com/
Computer equipment- local Goodwill stores and attended donation centers, Best Buy, Sunnking dropoffs
Cell Phones-Buffalo Zoo, Aquarium of Niagara and other charities
Drug disposal best practices- http://www.dec.ny.gov/chemical/45083.html
Electronics- www.greenergadgets.org/recycling-responsibly.html, most electronics stores, www.sunnking.com
City of Buffalo residents- 1120 Seneca Street, hours and info here; Other residents, check with your towns.
Envelopes, tyvek- < 25: Send to Tyvek Recycle, Attn. Shirley B. Wright, 8401 Fort Darling Road, Richmond, VA 23237. More than 25: call 866/33-TYVEK.
Eyeglasses-Lions Club http://donateglasses.net/search.html for sites accepting donations
Fishing line: Berkley Recycling, 1900 18th St., Spirit Lake, IA 51360.
Fur coats (incl faux fur)- http://coatsforcubs.com (used for animal rehab for young animals)
Gift cards and customer loyalty cards- http://www.earthworkssystem.com/consumers.html
Green Cleaning programs in the workplace-https://greencleaning.ny.gov/Entry.asp
Greeting Cards- http://www.stjudesranch.org/shop/recycled-card-program/
Hazardous Household materials- http://www.hazmanusa.com/
Household Goods (Appliances, Furniture, Kitchenware)-Goodwill, Salvation Army, Ladies of Charity, St. Vincent DePaul Society (Main St.) 882-3600,
Ink cartridges-RecyclePlace.com and most manufacturers
Mattresses- http://triadrecycle.com/mattress/ Hazman, Buffalo ReUse ReSource
Medicines, expired or unused- http://www.dec.ny.gov/docs/water_pdf/guidance3.pdf
Needles, Syringes etc.- http://www2.erie.gov/health/index.php?q=needle-disposal-amp-access
Packaging Materials (bubble wrap, peanuts)-UPS Store
Pantyhose/tights- NoNonsense.com/PantyhoseRecycling.aspx
Plant pots- Mischler's Florist and Nursery, Lavocats Nursery, Lockwood's Nursery, Lowes stores, Home Depot
Plastic shopping bags, cereal liners, packing pillows-groceries, many retailers, www.plasticfilmrecycling.org
Plastics 1-7- dropoff at Great Lakes Recycling, 22 Mechanic St, North Tonawanda, 716-692-3448
Recycling A to Z - realsimple

Shoes, athletic-NikeReuseAShoe.com, Souls4Souls.org and OneWorldRunning.com
Sports equipment-resell/trade at www.playitagainsports.com
Styrofoam- Thermal Foams, Inc. accepts clean, white Styrofoam at 2101 Kenmore Avenue, 14207. Please call first at (716) 874-6474.
Tennis balls- http://www.rebounces.com/recycle/
Toys, plastic- http://dmpgreen.com/mail_in.html
Uses and reuses for many items- http://www.world.org/weo/recycle
Water filters-Brita partners with preserveproducts.com/recycling
Yoga mats- RecycleYourMat.com

Eco-volunteering with Travel:
http://www.planetfriendly.net/learn.html
http://www.globalteer.org
http://www.ecovolunteer.org/
http://www.goeco.org/
http://www.wwoof.org/
http://www.americanhiking.org/

Education Courses or Certificates:
Energy University Website with Schneider Electric- Courses are free
Green Classroom Professional Certificate- Online courses, info here
Solar Energy Training- http://www.solarenergy.org/training-schedule/
Coursera- www.coursera.org

Miscellaneous:
Green America's guide to Socially Responsible Investing- http://pubs.greenamerica.org/i/116105
Buffalo Relocation and Self-Promotion http://www.wherelifeworks.com/

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

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

Asha Sanctuary for Rescued Farm Animals	http://www.ashasanctuary.com/
AWARE-Assoc. for Wild Animal Rehabilitation & Education	http://www.awarewildlife.com/
Bergen Swamp Preservation Society	http://www.bergenswamp.org/
Bless the Beasts Foundation	http://blessthebeastsinc.webs.com/
Bond Lake Environmental & Beautification Committee	http://www.freewebs.com/bondlake/
Braddock Bay Bird Observatory	http://braddockbaybirdobservatory.wordpress.com/
Buffalo Architecture Foundation	http://www.buffaloarchitecture.org/
Buffalo Audubon Society/Beaver Meadow Nature Center	www.buffaloaudubon.org
Buffalo Bike Share	www.buffalobikeshare.org/
Buffalo Brownfields Opportunities Areas	http://buffalobrownfieldopportunities.com/
Buffalo Citybration	http://citybration.com/
Buffalo and Erie County Botanical Gardens	www.buffalogardens.com
Buffalo Farm to School Program	http://buffalofarmtoschool.org/
Buffalo First	www.buffalofirst.org/
Buffalo Geological Society Meetings 7:30pm, first Fri. Oct-April, Parkside Lutheran	www.bgsny.org
Buffalo Green Code	http://www.buffalogreencode.com/
Buffalo in Bloom	www.buffaloinbloom.com/
Buffalo Maritime Center	http://www.buffalomaritimecenter.org/
Buffalo Microparks	http://www.buffalomicroparks.com/
Buffalo Museum of Science	www.sciencebuff.org/
Buffalo Niagara Riverkeeper	www.bnriverkeeper.org/
Buffalo Niagara 2050 Transportation	www.buffaloniagara2050.com
Buffalo Olmsted Parks Conservancy	www.bfloparks.org
Buffalo Orienteering Club	http://www.buffalo-orienteering.org/

Buffalo Ornithological Society	http://www.buffaloornithologicalsociety.org/
Buffalo Recycles	http://buffalorecycles.org/
Buffalo ReUse	www.buffaloreuse.org/
Buffalo Solar Carousel	http://buffaloheritagecarousel.org/
Buffalo Urban Development Corp	http://budc.ecidany.com/
Buffalo Zoo	www.buffalozoo.org
Burchfield Nature and Art Center	http://www.burchfieldnac.org/
Cabelas	www.cabelas.com/stores/store_info.jsp?pageName=058#events
Center for Environmental Information (Rochester)	http://ceinfo.org/
Center for the Study of Art, Architecture, History and Nature	http://buffaloah.com/h/center/index.html
Chautauqua Watershed Conservancy	http://www.chautauquawatershed.org/
Chestnut Ridge Conservancy	http://chestnutridgeconservancy.org/
Citizens Campaign for the Environment	www.citizenscampaign.org
Citizens' Environmental Coalition	www.cectoxic.org/index.html
Citizens for Regional Transit	www.citizenstransit.org/
Citizen Science Community Resources	http://www.airhugger.org/
Clarence Bluebird Trail	www.clarencebluebirdtrail.org
Clean Air Coalition of Western New York	http://www.cacwny.org/
Clean Communities of Western New York	http://www.ccofwny.org/
Community Action Organization of Erie County	http://www.caoec.org/
Community Foundation for Greater Buffalo	http://www.cfgb.org/
Cornell Cooperative Extension for Cattaraugus County	http://chautauqua.cce.cornell.edu/
Cornell Cooperative Extension for Erie County	http://counties.cce.cornell.edu/erie/
Cornell Cooperative Extension for Niagara County	http://counties.cce.cornell.edu/niagara/

Daemen College Center for Sustainable Communities	www.daemen.edu/academics/centersinitiatives/CSCCE
Department of Environmental Conservation (NY State)	www.dec.ny.gov/index.html
Designing to Live Sustainably	http://www.d2lsbuffalo.com/
Earth Spirit Educational Services	www.earthspiritedu.org
Environmental Education Associates	http://environmentaleducation.com/
Environmental Protection Agency Local Office (716) 551-4410	http://www2.epa.gov/aboutepa/epa-region-2
Erie Canal Harbor Development	http://www.eriecanalharbor.com/
Erie County Community College Going Green	http://eccgoinggreen.ecc.edu/index.html
Erie County Conservation Society	http://eccs-club.org/
Erie County Department of Environment and Planning	http://www2.erie.gov/environment/
Erie County Environment Management Council	http://www2.erie.gov/environment/
Erie County Farm Bureau	http://www.ecfarm.com/
Erie County Federation of Sportsmen's Clubs	http://www.eriectyfsc.org/
Erie County Parks and Recreation	http://www.erie.gov/parks
Erie County Soil and Water Conservation	www.ecswcd.org/
Excalibur Leisure Skills	https://www.facebook.com/excaliburleisureskills/
Explore Buffalo	www.explorebuffalo.org
Farm2Curb	https://www.facebook.com/farmtocurb
Field and Fork Network	http://fieldandforknetwork.com/
Fillmore Corridor Neighborhood Coalition	http://www.fcnc-buffalo.org/
First Hand Learning	www.firsthandlearning.org
Food is our Medicine Project	www.foodisourmedicine.org/
Food Policy Council of Buffalo & Erie County	http://buffaloeriefoodpolicycouncil.org/

For A Clean Tonawanda Site	www.factsofwny.com/
Foundry	http://thefoundrybuffalo.org/
Friends of the Iroquois National Wildlife Refuge	http://www.friendsofiroquoisnwr.org/
Friends of Times Beach Nature Preserve	http://www.friendsoftimesbeachnp.org/
Foothills Trail Club	www.foothillstrailclub.org
Gander Mountain Store (seminar listings)	http://www.gandermountain.com/store-locator/
Garden Clubs of WNY	www.gardenclubsofwny.com
Garden Walk Buffalo	http://gardenwalkbuffalo.com/
Genesee County Nature Center	www.gcv.org
Global Justice Ecology Project	http://globaljusticeecology.org/
Go Bike Buffalo	http://gobikebuffalo.org/
Good Going WNY	www.goodgoingwny.com
Gooseneck Hill Waterfowl Sanctuary	www.gooseneckhillwaterfowlfarm.com
Grassroots Gardens of Buffalo	www.grassrootsgardens.org/
Greater Buffalo-Niagara Regional Transportation Council	www.gbnrtc.org/
Great Lakes Beach Sweep	http://greatlakesbeachsweep.org/
Great Lakes Center at Buffalo State College	http://greatlakescenter.buffalostate.edu/
Great Lakes Experience	http://www.thegreatlakesexperience.org
Green Development Zone	http://greendevelopmentzone.org/
Green WNY	http://greenwny.com/
Greenworks WNY	https://www.facebook.com/Greenworks-Buffalo-Niagara-418537631544691/
Groundwork Buffalo	www.gwbuffalo.org
Habitat for Humanity Buffalo	http://www.habitatbuffalo.org/
Heart of the City Neighborhoods, Inc.	www.hocn.org

Iroquois National Wildlife Refuge	http://www.fws.gov/refuge/iroquois/
Jamestown Audubon Center & Sanctuary	www.jamestownaudubon.org
Jamestown Community College	http://www.sunyjcc.edu/sustainability
Jane's Walk-Buffalo	http://janeswalk.org/united-states/buffalo-ny/
Junior Solar Sprint Buffalo	www.jssbuffalo.com
Lake Erie Seaway Trail Center	http://lakeerieseawaytrail.org/
League of Women Voters of Buffalo Niagara	http://www.lwvbn.org/
Learning Sustainability Campaign	http://www.learningsustainability.com/
Local Initiatives Support Corporation	http://www.buffalolisc.org
Maddie's Pet Rescue Project	http://www.maddieseriecounty.org/
Massachusetts Avenue Project	http://mass-ave.org/
Matt Urban Human Services Center	http://urbanctr.org/
Messinger Woods Wildlife Care and Education Center, Inc	www.messingerwoods.org
Nannen Arboretum	http://www.nannenarboretum.org/
Nature Conservancy-Central and Western New York Chapter	http://Nature.org/centralwestern
Nature Ed-Ventures	www.natureed-ventures.com
Nature Sanctuary of Western New York	http://nsswny.org/
New York Farm Bureau	http://www.nyfb.org/
New York Flora Association	http://www.nyflora.org/
New York Forest Owner's Association	www.nyfoa.org
New York Interfaith Power and Light	www.newyorkipl.org/
New York League of Conservation Voters	http://www.nylcv.org/
New York Power Authority	www.nypa.gov
New York Public Interest Research Group	http://www.nypirg.org/

New York State Association of Conservation Commissions	http://www.nysaccny.org/index.php
New York State Ornithological Association	http://nybirds.org/index.html
New York State Outdoor Education Association	http://nysoea.org/
New York State Parks	www.nysparks.com
New York State Sea Grant	http://www.seagrant.sunysb.edu/
New York State Soil and Water	http://www.nys-soilandwater.org/
New York State Sustainable Agriculture Working Group	http://www.ny-sawg.org/
New York Upstate Chapter of the Green Building Council	http://www.greenupstateny.org/
New York State Wetlands Forum	http://www.wetlandsforum.org
Niagara County Farm Bureau	http://www.niagaracountyfarmbureau.com/
Niagara County Landfill and Recycling	http://www.rethinkyourwaste.com/
Niagara County Parks	http://www.niagaracounty.com/Parks/
Niagara County Soil and Water Conservation District	www.niagaraswcd.com
Niagara Frontier Botanical Society	https://sites.google.com/a/niagarafrontierbotanicalsociety.org/niagara-frontier-botanical-society/home
Niagara Frontier Wildlife Habitat Council	http://www.nfwhc.org/
Niagara Heritage Partnership	http://www.niagaraheritage.org/
Niagara Restoration Council	www.niagararestoration.org/
Niagara River Anglers Association	http://www.niagarariveranglers.com
Niagara River Greenway Commission	www.niagaragreenway.org
Niagara University Sustainability	http://www.niagara.edu/green/
Northeast Organic Farming Association of New York	http://nofany.org
Oakmossed Education	http://oakmossed.com
One Region Forward	http://www.oneregionforward.org/
Open Buffalo	http://www.openbuffalo.org/

Partnership for the Public Good	www.ppgbuffalo.org
Paths, Peaks and Paddles	www.pathspeakspaddles.com
Penn Dixie Paleontological and Outdoor Education Center	www.penndixie.org
Pfeiffer Nature Center (Portville)	www.pfeiffernaturecenter.org
People United for Sustainable Housing	http://www.pushbuffalo.org
Plant WNY	http://www.plantwny.com/
Preservation Buffalo Niagara	http://www.preservationbuffaloniagara.org/
Primate Sanctuary	http://theprimatesanctuary.com
Regional Councils NYS	http://regionalcouncils.ny.gov
Reinstein Woods Nature Preserve	www.dec.ny.gov/education/1837.html
ReNU Niagara	http://www.niagara.edu/renu/
Reptile Adoption, Rehabilitation and Education, Inc. (RARE)	http://rarerehab.org/
Restore our Community Coalition	http://roccbuffalo.org/
Retree Western New York	www.re-treewny.org
ReUse Action	http://reuseaction.com/
Rise Up for Climate Justice	https://www.facebook.com/riseupforclimatejustice/
Roger Tory Peterson Institute	www.rtpi.org
Service Collaborative of WNY	http://www.tscwny.org/
Sierra Club (Niagara Group of Atlantic Chapter)	http://niagarasierraclub.com/
Slow Roll Buffalo	http://slowrollbuffalo.org/
South Buffalo Alive	http://www.southbuffaloalive.com/
SPCA serving Erie County	www.yourspca.org
Street Synergy	http://www.streetsynergy.org/
SUNY Fredonia	http://www.fredonia.edu/gogreen/

Sustainability at Buffalo State	http://sustainability.buffalostate.edu/
Sustainable Earth Solutions	www.sustainableearthsolutions.com
Tifft Nature Preserve	http://www.tifft.org/tifft/
Tonawanda Creek Watershed Committee	https://tonawandacreek.shutterfly.com/
Tuscarora Environmental Task Force	http://www.tuscaroraenvironment.com
21st Century Park on the Outer Harbor	http://21stcenturypark.org/
UB Engineers for a Sustainable World	http://www.eng.buffalo.edu/esw
UB Environmental Network	https://www.facebook.com/groups/2239558471/
UB ERIE Program	http://www.erie.buffalo.edu/
UB Office of Sustainability	http://www.buffalo.edu/sustainability.html
UB Regional Institute	http://regional-institute.buffalo.edu/
University Heights Collaborative	http://ourheights.org/
UnwasteNY	http://www.unwasteny.org
Urban Land Institute	http://newyork.uli.org/regional/
Urban Roots	www.urbanroots.org/
US Army Corps of Engineers-Buffalo District	http://www.lrb.usace.army.mil/
US Coast Guard-Boating Safety	http://www.wnyboatsafe.org/
Vision Niagara	http://visionniagara.org/
Voice-Buffalo	http://www.voice-buffalo.org/index.html
WASH Project	http://thewashproject.org/
Wellness Institute	http://www.healthycommunitynetwork.com/
Western Chapter New York Water Environment Association	http://nywea.org/
Western New York AmeriCorps (Service Collaborative)	http://www.tscwny.org/
Western New York Earth Day	http://www.wnyearthday.org/

Western New York Environmental Alliance	http://www.growwny.org/
Western New York Herpetological Society	http://www.wnyherpsociety.org/
Western New York Hiking Trails and resources	www.wnyhikes.com
Western New York Land Conservancy	http://www.wnylc.org/
WNY Nursery and Landscape Association (PLANT WNY)	http://www.plantwny.com/
WNY Partnership for Invasive Species Mgmt (PRISM)	www.wnyprism.org
WNY Permaculture	https://www.facebook.com/WNY-Permaculture-1098493876841295/
Western New York Science Congress	http://wnysc.org/
Western New York Service Learning Coalition	http://levesqueinstitute.niagara.edu/programs/wnyslc/
Western New York Soil Health Alliance	www.wnysoilhealth.com
WNY STEM	http://wnystem.org/
Western New York Stormwater Coalition	http://www2.erie.gov/environment/
Western New York Sustainable Business Roundtable	http://www.wnysustainablebusiness.org/
Western New York Sustainable Energy Association	https://www.facebook.com/WNYSEA
WNY Peace Center Renewable Energy Task Force	http://wnypeace.org/new/projects.html
West Side Ministries	http://www.westsideministries.org/
West Valley Citizen Task Force	www.westvalleyctf.org
Wild Kritters	http://www.wildkritters.com/
Wild Ones, Native Plants and Natural Landscapes	http://www.wildonesniagara.org/
Wild Spirit Education	http://www.wildspirit.org/
Wind Action Group	https://buffalowind.wordpress.com/
Working for Downtown	http://www.workingfordowntown.org/
World on your Plate	http://www.worldonyourplate.org/