



Jenkins Arboretum & Gardens

NEWS | PROGRAMS & EVENTS

FALL 2020

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THE MISSION of Jenkins Arboretum & Gardens is to preserve natural tranquil woodlands for community enjoyment, to showcase native plants and a world class collection of rhododendrons and azaleas, and to promote environmental horticulture through learning, research and conservation.

OUR VISION as defined by the will of H. Lawrence Jenkins states that Jenkins Arboretum & Gardens is to be developed as a public park, arboretum, and wildlife sanctuary for the use of the public and responsible organizations engaged in the study of arboriculture, horticulture and wildlife, for educational and scientific purposes.

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Chris Swisher

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Arboretum & Gardens Staff.



DEAR JENKINS FAMILY & FRIENDS,

Who could have predicted that my first year as Executive Director would have so many unusual dramatic events! But through it all, I feel so fortunate that Jenkins can continue being a place of great enjoyment and engagement.

Remember 2019? It was a good year for Jenkins. When you review our Annual Report on page 32 you will see we have continued with a good balance of revenue generation through our Plant Shop, educational programming, and special events, along with the great generosity from contributors and members. Our endowment was able to

grow with new donations and a successful market year, which enables us to withdraw a small percentage to assist in covering our operational costs. All of this is due to the great support of committed supporters. It is true that we cannot do this without you! Non-profit public gardens like Jenkins Arboretum & Gardens only survive with dedicated community support. Thank you!

On January 1, 2020 I was very optimistic about our next steps into our future. We were on track to complete our Site Master Plan, which is the foundation for a future “road map” for Jenkins’ physical site and gardens. We have very dedicated staff, enthusiastic volunteers, a quality facility with the John J. Willaman Education Center, and beautiful gardens just ready to bloom in spring. Well... you know what happened next! With the threat of the COVID-19 pandemic, we closed the gates on March 13th. Office staff began to work remotely. Garden staff were able to continue their work in the gardens. We had a magnificent spring with beautiful blooms, and it broke our hearts to have our gates closed to the public during that season. Staff worked hard to plan and prepare to invite the public back whenever we were permitted to reopen. On May 18th we were one of the first public gardens to reopen to the public and were able to share the final burst of spring blooms. Since then we have continued to work on ways to provide means to engage our followers and visitors while observing proper safety protocols to protect everyone.

In addition to a global challenge we also faced devastating disasters locally. On Wednesday, June 3rd, the derecho storm at noon and another severe storm in the evening caused significant damage and loss of signature trees in our gardens and natural woodlands. It felt like a sucker punch to the gut for the staff. The entire gardens were closed for a few days and certain sections

of the gardens continued to be closed for a few weeks as we worked on cleanup efforts between staff and professional arborists hired to help us recover. The greatest change can be seen in our pond garden area. Just as we thought we were nearing the end of our massive cleanup efforts, again, the tropical storm remnants of hurricane Isaias hit on Tuesday, August 4th. Fortunately, this storm was less impactful, but a few more trees did fall. More about the storm damage and our recovery can be found on page 8.

Endurance, resilience, and innovation are the three words that I think about as we keep moving forward in 2020. We are working on ways to continue sharing Jenkins with everyone in safe, fun, engaging ways. We are excited to be launching a very interactive autumn season. Within the pages of this newsletter are programs to further explore the wonders of plants and experience what Jenkins has to offer in new ways.

We continue to find ways to engage and get our message out about the wonders and beauty of plants. As you can imagine, all we have had to do to clean up from storms paired with the innovative protocols to safely engage during a pandemic requires unexpected – and significant- investment. Jenkins is such a rich resource of beauty with so much potential waiting to be further explored. For us to get to our future (and we know exactly what we need to do to get there) we need to get through our present challenges. **We need your help now.** Please, buy plants, attend our programs, and, if you find value in what we are doing, donate to support. Your support and encouragement will help us move forward.

We look forward to seeing you in the garden, from 6 feet away!

Always Growing,

Tom Smarr, Executive Director



FAREWELL TO HAMILTON FELLOW, TARA VENT

Two years ago, Tara joined us as a Hamilton Educational Fellow and quickly became an integral part of our horticulture team.

She made the most of her time here at Jenkins, fully immersing herself in the educational experience. She took the initiative to learn everything that she could - from taking a wetland ecology course at Penn to hiking the Great Smoky Mountain Wildflower Pilgrimage and all the little moments in between out in the garden. She is grateful for all that she learned throughout her time here, and we couldn't be more thankful for the work she has accomplished these past two years.

One of Tara's favorite memories is the perfect summer day where we planted the floating bog garden in the pond. During her time at Jenkins, her favorite plant became *Phlox divaricata*, a beautiful and native woodland wildflower. It's a

delicate plant that doesn't demand attention, but it deserves it. You can find her favorite phlox in the newly designed and planted parking lot entrance garden, which was the focus of her Fellowship project. She combined her design knowledge with some of the most beautiful woodland plants that are featured at Jenkins. Throughout her time here, she enjoyed learning all about native plants and their habitats as well as the connections between humans and the environment. As a member of our horticulture staff, she found the joy and value of problem solving the most efficient ways to complete a task!

We miss seeing Tara in the garden daily, but are happy to be able to visit her often in her new roles at both Chanticleer and Longwood Gardens, and look forward to seeing what she accomplishes as she embarks on a graduate degree related to botany. See you soon, Tara!

WELCOME NEW HAMILTON FELLOW, JACOB SUMMERS



Thanks to a generous donation from Dorrance H. Hamilton, Jenkins Arboretum & Gardens is able to sponsor two Fellows, for 1-2 years each. This year, we are excited to welcome Jacob Summers to the horticulture staff as our newest Hamilton Educational Fellow. Jacob comes to us from Savannah, Georgia where he previously worked for Bartlett Tree Experts. In the short time that he was there, Jacob obtained certification from the International Society of Arboriculture and worked his way up from being a groundsman to a tree climber.

Jacob has had a passion for plants from a young age. One of his first memories as a child was planting a paperbark maple (*Acer griseum*) in his front yard with his family. With his mother being a horticulturist and his father a landscape architect, Jacob grew up with a great exposure to and curiosity for the natural world. This followed him through school, and after graduating from Strath Haven High School, Jacob's curiosity led him to Oregon where he earned a Permaculture Design Certificate. This hands-on, comprehensive experience taught him about soil, water, and plant interactions involved in facilitating sustainable and self-sufficient agriculture.

He then went on to pursue the study of plants at Connecticut College, where he earned a Bachelor's of Arts in Botany with a focus in Ethnobotany. While at college, he studied abroad in Madagascar in a program that focused on biodiversity and natural resource management. As part of the program, he completed an independent project researching

agricultural practices and land use history. During his senior year, he was awarded the Young Botanists Award from the Botanical Society of America. Outside of the classroom, Jacob rounded out his college experience by spending some time as a radio DJ and joining a progressive rock band.

When asked why he was drawn to Jenkins, Jacob expressed that he had always been inspired by his mother, Lisa Roper, who has worked at Chanticleer for 30 years. He wanted to immerse himself in public horticulture, and found that his values aligned with Jenkins' mission of ecological and genetic conservation. Additionally, moving to America's Garden Capital would provide ample opportunities to build connections and surround himself with other passionate professionals in the field.

Jacob joined the horticulture staff in May and has helped with planting, weeding, pruning, and cleaning up storm damage. His finesse with a chainsaw has really come in handy these last few months. So far, Jacob has enjoyed learning about native plants and naturalistic gardening techniques. He has felt that Jenkins fosters an inclusive and inspiring atmosphere, and is looking forward to becoming more involved through leading Wednesday Walkabouts and giving lectures. Additionally, he has begun working on his Fellowship project of designing a Holly Springs Legacy Garden on Azalea Hill. This area will showcase evergreen azaleas hybrids, increasing the genetic diversity at Jenkins and creating another scenic destination; something we are all excited about.

When he does not have a chainsaw in hand, Jacob spends his time listening to and playing music. He has also become increasingly interested in fungi and enjoys foraging for mushrooms, many of which he has found while hiking with his dog, Beau. If you see Jacob around Jenkins, be sure to say hello!

Get to know Jacob by joining him online for his Hamilton Fellow Lecture Series talk, *An Introduction to Mushrooms and Fungi*, on December 3. Details on page 31.

A SEASON IN REVIEW: THE SORROW...

2020 has been a tough year for many. Like others, here at Jenkins there were countless challenges and setbacks resulting from the COVID-19 pandemic. Precautions to keep us all safe resulted in the closure of the garden for a time and the cancellation of major events, such as The Valley Forge Chapter of the American Rhododendron Society’s plant sale, and our annual Spring Blooms Gala among others. Our volunteer activities were cancelled, major projects were halted, and efforts to add significant plants to our collections were postponed. We certainly did not need any additional challenges this year. Unfortunately, Mother Nature had other ideas.

For those of you who live nearby, you no doubt remember the damaging storms of June 3rd. Two separate derechos (straight line wind storms) swept through the Arboretum that day. Both were short, but incredibly intense; with winds approaching 80 mph, they left destruction in their wake. Many in our community were impacted and, for Jenkins, that impact was devastating. The damage caused by these storms was more substantial than anything the Arboretum has ever experienced. In a period of about 6 hours, the Arboretum lost nearly 70 trees including an extremely rare roundleaf birch, a picture perfect Franklinia, and our largest and most productive colony of pawpaws. A significant portion of the canopy of our prized white oak at the edge of the stream was lost. Half of the northern end of the white pines below the pond tipped out or were either so severely damaged or exposed that they needed to be removed to prevent their inevitable failure later.

It gets worse; the cottownood tree that was planted soon after digging the pond in 1974 was uprooted and fell into the pond. Sadly, in most years, this tree was home to a Baltimore Oriole nest and there was an active nest in it when it fell. We also sustained significant damage to our boundary fence resulting in an infiltration of deer and substantial munching throughout the gardens for several weeks. Uprooted trees pulled irrigation lines out of the ground with them and, without the ability to run the irrigation system, our staff spent countless hours hauling buckets of water through the gardens to hand water thirsty plants. The Arboretum’s work truck was struck by two large branches and was damaged beyond repair. To make matters even worse, we were without power for almost a week, both at Jenkins and in our own homes. It took nearly two months for us to clean up, fix the fences and irrigation system, replace the truck, and get back to some semblance of normalcy in the middle of a pandemic. But the hits kept coming...

Arriving nearly two months to the day after the derecho storms, Hurricane Isaias showed no mercy. Though the winds were less severe than the earlier storms, the rain was unrelenting. We lost our mature Osage orange tree, the only representative of that species in the garden, and yet another very large white pine. Both, of course, fell on the fence bordering the pond and once again, the irrigation system was damaged. Sadly, the pine took with it one of the two massive buttonbushes that, like the cottonwood, have graced the pond edge since the early 1970s.

Of course, we could not have anticipated any of this and we realize it will take years to fully recover, especially in parts of our Conservation Woodlands where there were also substantial losses. Though this all seems so depressing, we keep our chins up and know that this is not where the story ends. Please, read on...



Hamilton Fellow, Tara Vent, with a fallen white pine.



Arboretum truck under branches downed in the derecho.



Damage on Stream Walk from the derecho.



Head Horticulturist, Maddison Perzel, standing in front of the downed cottownwood tree.



Irrigation system damage after the June storms.



More white pines downed from Tropical Storm Isaias.



Tree damage after the storms in June.



Stream Walk after the storms in June.

A SEASON IN REVIEW: ...AND SILVER LININGS

After the initial shock of these losses waned and we started picking up the pieces, we came to realize that there were actually a lot of positives that came from these storms. Suddenly, we had light in areas that had been dark. Suddenly, we had outstanding vistas which had been obscured for decades. Suddenly, we could see opportunities to make some significant, large-scale improvements to our garden. We started to realize how lucky we were; despite the many downed trees, there were relatively few valuable collection plants damaged. In most places, it almost seemed as though the trees gently laid down so that their branches were positioned on either side of the plants below. We started to see that these were all good things, very good things.

The tree work around the pond was extensive. Our friends at Shreiner Tree Care brought in a 150-foot crane to pull the cottonwood branches out of the water. It's not every day that we have a crane of that size on the property, so we took the opportunity to finally remove the Paulownia tree above the pond. In its adolescence, the tree was a grand specimen, but over the past several years, we have watched it decline. Its removal was inevitable, but because of its size and location in the garden, we all knew that it would have been a very challenging task. With a crane in place, we went ahead and took it out.

During our cleanup, we decided to leave the main trunk and several branches from the cottonwood in the pond to provide habitat for a variety of wildlife. The fish that shelter in the submerged branches provide a snack for our resident green herons and now even a blue heron has been coming around more often. Turtles and frogs can often be seen sunning themselves on the above-water branches. We have enjoyed watching all this new activity from afar. Now, without the cottonwood, we have an opportunity to rethink that space and how we might improve the visitor experience. Will we replant? Will we allow people to walk up to the water's edge? Will we build a gazebo or shade structure? A floating structure to allow people to get out on the water? At this point, we are still thinking, but one thing is for sure, whatever we do, it's going to be great.

The mountains of wood chips that were created from the cleanup were spread out in the area where the pines once stood. They will be allowed to compost in place, which will help to greatly improve the soils in that area, something that was badly needed and something we had hoped to one day address anyway (the soils in that area are actually subsoil that was deposited when the pond was dug nearly 50 years ago). This also means there is no need to re-mulch the growing collection of Florida flame azaleas that we have been planting in the area which, by the way, are now thriving with the increased light. Yet another very good thing.

The void left from the pine and pawpaw removals is now a blank slate. We now have an opportunity to transform the landscape with a variety of trees, shrubs, and wildflowers that will provide multiple seasons of interest while also improving the ecological value in the garden. With the improved vistas of the pond landscape from above, our focus for this space is on plants that have exceptional fall color in addition to flowers, fruits, and fragrance. Combined with other garden improvements in the surrounding landscape, which were already underway before the storms hit, we find ourselves daydreaming about the spectacular horticulture display to come.

As with so many things in life, the sorrow and the silver linings go hand in hand. We grieve the loss of what was, while at the same time dream of what is to come. We welcome the challenge of rethinking the landscape and hope that you will enjoy watching it grow and change along with us. **If you would like to support us as we work to rebuild and transform these areas, please consider becoming a member or making a donation on page 33.**



White pines and irrigation damaged during the June storms.



Osage orange tree downed in Tropical Storm Isaias.



More white pines down after the tropical storm.



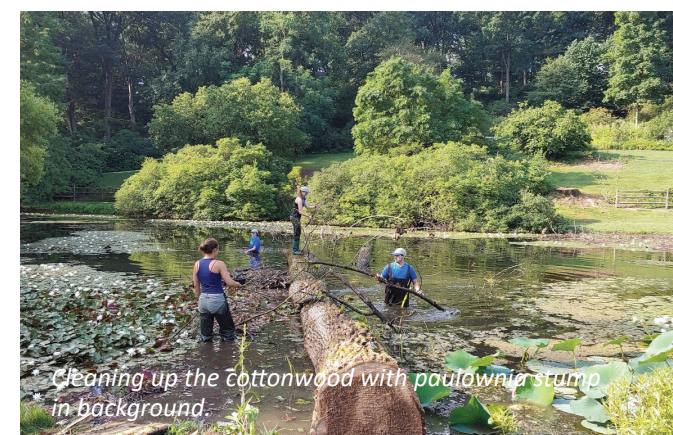
The white pine area marked for new plantings after storm cleanup.



The white pine area after storm cleanup.



Down went the Paulownia (notice the person on the crane cable).



Cleaning up the cottonwood with paulownia stump in background.



View of Great Valley from Elizabeth's Walk after Paulownia removal.

GREEN RIBBON NATIVE PLANT® SELECTIONS

In 2003, Jenkins introduced its Green Ribbon Native Plant® selection program as a way to share the uses and merits of native plants in the landscape. Each year, three plants, typically a tree, a shrub, and a wildflower, are selected. To receive this recognition, plants must be native to the eastern United States, adaptable to a wide range of environmental conditions, and have horticultural appeal in a variety of landscape situations. In addition to being aesthetically pleasing, native plants typically possess great ecological value for numerous insects, birds, and other wildlife. These plants can be seen growing in various locations throughout the gardens at Jenkins.

Keep reading to learn more about the 2020 Green Ribbon Native Plant® selections.



STOKES' ASTER (*Stokesia laevis*)

Despite being native to wet areas, this herbaceous perennial has a surprisingly high tolerance for heat and drought once established. It is native to the Southeastern United States and grows in hardiness zones 5 to 9 with average moisture and well-drained soil. It grows to 2 feet tall and spreads 1 to 1.5 feet, which makes it a great option for planting along the edge of garden beds or water edge. In full sun, the blue flowers will bloom from May to June and attract butterflies and other pollinators.

Stokes' Aster can be used in the landscape, in pots, and as a cut flower. There are several different cultivars of Stokes' Aster and they vary in size and color. *Stokesia laevis* 'Alba' has a similar size, blooms June through September, and has a white flower. *Stokesia* 'Peachie's Pick' has a blue flower and is more compact. *Stokesia* 'Colorwheel' has white flowers that change to lavender then dark purple.

After the flower is spent, they can be removed to promote a second bloom. *Stokesia laevis* pairs nicely with pale yellow flowers and makes a great addition to home landscapes.



WHORLED TICKSEED (*Coreopsis verticillata*)

Whorled Tickseed is an herbaceous perennial native to the eastern United States. It grows 2.5 to 3 feet tall and spreads 1.5 to 2 feet in zones 3 to 9. Yellow daisy-like flowers appear June through September and are attractive to butterflies and other pollinators. Once Whorled Tickseed is established, it can survive tough conditions including full sun, drought, shallow-rocky soil, and deer pressure.

The foliage has an airy, thread-like appearance. Foliage may be cut back in the summer if sprawling occurs or to encourage fall rebloom. Indicative to its name, tickseed is named after the seeds' resemblance to ticks.

Whorled Tickseed looks nice in naturalized or cottage gardens where it has room to move. It self-seeds and spreads by rhizomes. It pairs nicely with other wildflowers, especially those with purple blooms. Its cheery-yellow color looks nice as a cut flower. Popular cultivars include 'Moonbeam', which has a paler yellow flower, and 'Zagreb' which is more compact and has slightly darker disks.



APPALACHIAN MOUNTAIN MINT (*Pycnanthemum flexuosum*)

Appalachian Mountain Mint is an under-used, multi-faceted plant. Native to the Southern Appalachians, this plant grows 2 to 3 feet tall and spreads 3 to 4 feet in hardiness zones 6 to 9. Its aromatic, white, tuft-like flowers bloom in summer and attract butterflies and other pollinators. The fragrant foliage has a hint of red along the margins and is resistant to deer browsing.

Unlike many other mints, Appalachian Mountain Mint will not take over the garden. It is a clump-forming species and spreads slowly through rhizomes, which is great for helping with soil erosion. Plant in well-drained soils with full to part-sun conditions.

Appalachian Mountain Mint looks nice in naturalized areas, meadows, mass plantings in the landscape, or near vegetable gardens to entice pollinators. Since the flower is showy, it also makes a nice cut flower. To add winter interest to your garden, resist cutting back the spent seed heads. These can add an element of texture to the landscape and are a beautiful addition to dried wreaths and arrangements.



A *Rhododendron austrinum* known as *Dryocampa* growing in the Arboretum.



Rhododendron flammeum 'Double Pleasure'.



Plyler's *Rhododendron periclymenoides*.



A salmon *Rhododendron flammeum*.

JENKINS ARBORETUM & GARDENS TO ESTABLISH NATIVE RHODODENDRON GERMPLASM REPOSITORY

If you have walked the gardens over the past few years, you have probably noticed a number of significant changes. From afar, you may have seen our various ecological restoration efforts such as roadside beautification, floodplain restoration, and re-planting of the Browning Hillside, which can be seen from Azalea Hill. In the public areas of the garden, perhaps the most significant change has been the removal of large areas of naturalized plants, like spicebush and maple leaf viburnum, and addition of hundreds of new azaleas and rhododendrons that add splashes of color and wafts of fragrance through the garden. Though we have added evergreen azaleas and hybrid rhododendrons, much of our attention has focused on the native deciduous azaleas.

Over the past four years, the Arboretum has added nearly 400 native azaleas to our nationally accredited collections. Though this might not seem like a lot, it is 100 more than had been added in the previous 40+ years' worth of planting combined. As we are realizing, there is an astonishing amount of genetic variation that exists within our 16 native azalea and 7 native rhododendron species. That variation allows some individuals to exhibit unusual characteristics that differ from the norm. Though there can be variations in bloom time, foliage quality, and growth habit, the most noteworthy variations exist in the flowers. For example, it is possible for an individual of a species that normally has orange flowers to have white, red, or yellow flowers. Dozens of plants have been discovered that exhibit double flowers (stamens have turned into petals), split petals (petals are divided, so they are thin and strappy), and "spider" flowers (very narrow, spider-like petals). Some are even "petaloid" - a condition in which some of the stamens have become contorted petals. Others exhibit intense fragrance or have very large or, in some cases, very small flowers. Often, when these unusual variations are discovered, the plants are named, propagated, and end up at places like Jenkins. We call them "cultivars" or "selections" and for plant collectors, such as ourselves, this is incredibly fascinating and worth pursuing. Pursue we did.

We have spent much of 2020 immersed in the world of native azaleas and rhododendrons as, in November 2019, Jenkins was awarded a \$25,000 grant from the Stanley Smith Horticultural Trust to begin working toward establishing a Native Rhododendron Germplasm Repository. Though it is a multi-faceted project, the three main goals of this project are to: 1) acquire native rhododendrons and azaleas from known wild populations, thus preserving the genetics of those populations, 2) collect and preserve rare, unusual, and exceptional specimens, and 3) display and actively promote the ornamental value of these beautiful plants.

Though Covid-19 interrupted many of our plans, Steve Wright, the Arboretum's Director of Horticulture and Curator of Plant Collections once again traveled south to visit specialty nurseries to purchase plants and collect cuttings from outstanding specimens.

It is hard to imagine fitting potentially hundreds of new plants in our already densely planted garden, but we have a plan. Many of the plants acquired through this grant will be strategically integrated into the existing garden, requiring careful site selection and again, removal of other less desirable plants (declining, misshapen, redundant, "place-keeping" naturalized plants, etc.). In addition though, we are hoping to expand the public garden into currently undeveloped areas. We will be partially clearing the overstory trees in a 1-acre area in preparation for that expansion, though it will likely be three to five years before the area will be planted and ready for public enjoyment. These removals, along with additional canopy elevation (lower limb removals throughout the garden, will allow more light to reach the understory improving the overall health of our collection plants and allowing for an even more impressive bloom season.

In addition, there are many research and educational opportunities associated with this project. We anticipate being a resource for use by other botanical institutions, researchers, and breeders hoping to: 1) identify morphological differences between the species; 2) study the genetic variations that exist within the species; 3) collect seeds to grow and select new cultivars; 4) collect pollen to develop new hybrids; and 5) collect cuttings to grow plants in their own gardens, further promoting their beauty and usefulness in the landscape. With this grant funding, we are also hoping to complete and publish "A Guide to the Native Rhododendrons of Jenkins Arboretum & Gardens: Species and Selections." This publication would be available to visitors at our reception desk, but would also be available for download on our website.

We are excited about this new venture and know that it will never truly end. We will forever be collecting, growing, and adding to our collections and hope that you will enjoy it along with us.

To read more about this project and see photos of native rhododendrons growing at Jenkins, visit us online at jenkinsarboretum.org/native-rhododendron.

TINY BUBBLES IN THE POND

“Where is the pond?” is one of the most common questions we hear as visitors head into the garden looking for summer flowers. Unfortunately, our annual summer mat of green algae sometimes has us asking the same question. The warm summer sun, shallow water, and slow water movement are the perfect recipe for algae growth. Over the years, we’ve tried many things to reduce the algae on our pond. Nets made from deer fencing, rakes, buckets, and tarps have all been used to manually remove the algae which then, of course, would come right back. Remember those floating squares in the pond? Those were barley straw bales that we tried several years ago to reduce the algae. The turtles loved them and unfortunately, the algae didn’t mind either.

Finally, this past summer, after years of failed attempts at controlling the algae, we installed a simple pond aeration system. The results have been remarkable. Within a couple of days, the tiny bubbles emitted by four small “bubblers” almost entirely cleared the algae. Where did it go? The bubbles push the algae to the sides of the pond and also help to keep the water moving toward the overflow and down to the stream. The agitation of the water will not only physically move existing algae, but the ripples should also help to reduce the development of algae by refracting more sunlight, thus keeping the water cooler. The addition of oxygen to the pond will also benefit the aquatic life, reduce stagnation and the odors that come with it, and speed up the rate of decomposition of plant matter. We look forward to a cleaner, clearer, more beautiful pond going forward. We hope you will come and enjoy it too.



A GIFT THAT KEEPS GROWING: EVERGREEN AZALEA DONATIONS

Over the past two years, Jenkins has been the recipient of two generous donations of evergreen azaleas. In 2018, Carolyn and Paul Beck of the Northern Virginia chapter of the Azalea Society of America delivered 98 hybrid evergreen azaleas developed by Sandra McDonald and Holly Springs Nursery. This past year, they came again to deliver an additional 97 azaleas. This time, in addition to more of Sandra McDonald’s plants, they brought with them many of Joe Klimavicz’s beautiful creations. A few years back, Joe spoke at the Arboretum and we have been anxiously waiting for an opportunity to get our hands on his plants ever since. Over the past few months we have added these azaleas to the gardens and send a huge thank you to Carolyn, Paul, and the whole Northern Virginia chapter of the ASA. The Arboretum, and the entire azalea community, is lucky to have such dedicated and generous plantsmen.

florilegium

Jenkins Arboretum & Gardens

YEAR ONE: A FLORILEGIUM PROJECT UPDATE

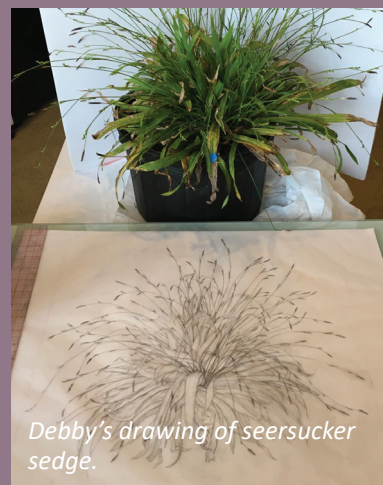
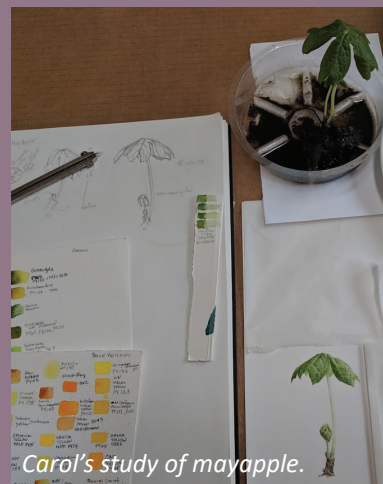
Jenkins has partnered with three local artists to complete a florilegium comprised of artworks created over the next few years. A florilegium is a collection of artworks that make up the “essence” of a garden. Each artist will be creating artwork in their own style, while maintaining scientific accuracy in portraying the specimens. Between Jenkins and the artists, 36 species that capture the feel of the gardens have been selected to have their portraits painted. They range from large trees such as our bald cypress (*Taxodium distichum*) down to the ½” flowers of our spotted pipsissewa (*Chimaphila maculata*) and every size in-between.

For the past year, the artists, Carol Ashton-Hergenhan, Deborah Keyser Dion and Susan L. Mintun have been exploring our gardens, photographing specimens, drawing them in situ and working on finished pieces in their studios. We thought this was a good time sit down with them to learn more about the project and its progress. Continue reading for introductions to each artist followed by an interview with updates.

CAROL ASHTON-HERGENHAN | received her bachelor’s degree from the Philadelphia College of Art (now University of the Arts) and went on to study at Temple University’s Tyler School of Art, earning a masters’ degree in media from Temple. She privately studied Chinese watercolor techniques with Phoebe Shih (Shih Hwei-Yueh) for several years and has also studied botanical watercolors at the Pennsylvania Academy of Fine Art. Her work can be viewed at www.CAH-Art.net. She is a member of the American Society of Botanical Artists, the Philadelphia Society of Botanical Illustrators, a Signature member of the Philadelphia Watercolor Society, and is a Fellow of the American Artists Professional League.

DEBORAH KEYSER DION | received a BA in French from the Pennsylvania State University in 1969. In 2017 she was awarded a Certificate with Honors in Botanical Art and Illustration from the New York Botanical Garden. Ms. Dion has worked as an illustrator since 1981. She illustrated four complete books as well as executed artistic assignments for commercial, corporate, editorial and architectural clients. Ms. Dion is a member of the Philadelphia Society of Botanical Illustrators and the American Society of Botanical Artists, where she serves on the Board of Directors. Ms. Dion lives and works in the Philadelphia area and is also a member of the Board of Directors here at Jenkins. Her work can be viewed on her website, www.deborahkeyserdion.com.

SUSAN L. MINTUN | is an author, educator, horticulturist and artist. She is a graduate of Washington University in St. Louis with Bachelor’s degrees in Fine Art and Business, and a Master’s degree in Plant Science. She worked for many years as a graphic designer. From 2001 to 2010 she was on the faculty of Meramec College in St. Louis where she taught horticulture and curated the campus plant collections. She is now combining her experiences as an artist and plant scientist, working as a botanical artist and illustrator. She is a member of the Philadelphia Society of Botanical Illustrators and serves on the Board of Directors of the American Society of Botanical Artists as well as on the board here at Jenkins. Her work can be found on her website, www.susanmintun.com.



JENKINS: While your professional backgrounds differ, all of you share a common passion for art, with each of you including the botanical art genre in your oeuvre. What is important to you in your pursuit of botanical art?

DEBBY: Creating a visually beautiful and scientifically accurate depiction of a species is my goal. Learning about the plant and living with it before I paint it are paramount to my process. How do I tell the story of this plant? Do I show it as a moment in time or do I show various stages of growth? These are questions I need to answer as I go through the sketching process.

SUSAN: I hope to inspire people to discover how fascinating plants are, and by being fascinated, come to understand how vital they are to every single aspect of life on earth.

CAROL: My answer is much like theirs. My work is about how plants work and the incredible intricacies that are rarely observed but give even the most common “weed” a beauty of its own. I want my work to teach the viewer how to look and learn to be amazed by what each plant offers. Beyond artistic excellence, the accuracy of botanical art is important because it is through it that the unique aspect of each plant can be understood.

JENKINS: This is a multi-year undertaking and certainly is not the only focus of your creative activity. I imagine, given your backgrounds that you are also working on pieces for clients and exhibitions. Why did you want to participate in this large project?

CAROL: A little background might be helpful. The three of us have been part of the same group shows, both juried and open, for several years. We have also worked together producing some exhibits. We respect each other’s artwork and have a common work ethic. When we first got together to talk about a joint project, we started with an exhibit concept that very quickly morphed into a Florilegium project. The Philadelphia Society of Botanical Illustrators (PSBI) has been fortunate to hold several exhibits at this site. We all think the plant collections at Jenkins deserve greater attention.

SUSAN: To me, Jenkins is a very special public garden and the repository of many species native to our area. This is the opportunity to apply my skills to a project that will serve as a record of the garden’s unique collections.

DEBBY: I wanted to participate for all of the reasons mentioned. Plus, it gives me the opportunity to observe a group of plants over time as well as interacting with a professional staff who provide insights and information that I might not have. I also wanted to work with other artists who have goals similar to mine.

JENKINS: How is it going?

DEBBY: Not very fast!!! I have been working for almost a year. I have documented all of the plants that I am painting with photographs that I have been taking during almost weekly visits to Jenkins in the growing season and monthly visits in the winter months. I have been keeping a journal with notes, sketches and dried parts of many plants. I have completed four graphite drawings that are transferred to watercolor paper, done color studies and am working on finishing the first painting. The project is taking longer than I originally thought but the process of documenting the plants is so valuable and necessary to me in deciding how to portray each specimen that I think it’s worthwhile.



SUSAN: I approached the first year as a time to observe and record each plant I'll be painting as it transitions through the seasons. In order to accurately communicate the salient characteristics of a species I feel I need to know as much about each one as possible.

CAROL: I echo their sentiments. My approach similar, but my timing is somewhat different because I am fortunate to have some of the specimens growing in my personal gardens. I have concepts for almost every specimen I selected, initial sketches of about half of the plants I committed to portray and two pieces that I have checked off my list. I want to come back to what both Debby and Susan said about learning the plant. When I give lectures, I tell the participants that by the time I finish a painting, the plant has no secrets from me. That's how well we get to know them.



JENKINS: For those of us who aren't artists everything about this project is difficult. And I imagine other artists have a few things that leap to their minds as they consider this undertaking. What makes this project difficult for you so far?

SUSAN: The same thing that makes every botanical painting difficult - dealing with subjects that move, change, grow, wilt, and otherwise refuse to cooperate, sometimes right before my very eyes. Creating a realistic, scientifically accurate painting is very slow and painstaking, in my case usually taking weeks to complete.

CAROL: Everything comes at the same time. Just as my Canada ginger starts to bloom, so does the fothergilla, the pipsissewa and it seems everything else on the list as well. I finally had to lay out a multi-year calendar based on bloom times in both Jenkins and my gardens.

DEBBY: One difficulty that I have encountered is finding the time to work on the final painting. Many of the paintings that I am doing are large and complex and require hours of studio time. Of course, standing in the pond and sketching Taxodium knees without falling in the muddy water was challenging too.

JENKINS: But there must be some rewards, otherwise you wouldn't do it. What has been rewarding so far?

DEBBY: I have found almost everything about this project to be rewarding. Visiting Jenkins and taking a walk to visit "my" plants is a pure joy. For those who haven't been to Jenkins it's worth the trip to experience a walk through a heavenly garden. The staff and director at Jenkins are supportive, helpful and wonderful to work with. The ability to have live samples to bring back to the studio is so helpful.

SUSAN: I agree. Working with the staff at Jenkins! They have been wonderfully supportive and enthusiastic.

CAROL: As we say in Meeting, "the Friends speak my mind."

For more updates and work-in-progress photos, follow Jenkins on Instagram or Facebook (@JAGardens) and watch for our #FlorilegiumFriday posts!



Heather Titanich (left), Hamilton Educational Fellow, and a selection of plants in the herbaceous plant collection growing at Jenkins.

HAMILTON FELLOW PROJECT UPDATE: HERBACEOUS COLLECTION INVENTORY

Much like a museum, public gardens display collections of historically and ecologically significant plants. For years, Jenkins has been diligently curating the woody plants throughout the Arboretum including all trees, shrubs, rhododendrons, mountain laurels, and azaleas. However, the herbaceous collections, wildflowers, and ferns have always taken the back seat in this process. Recording the species in these collections is important for understanding the current state of the gardens and assisting with future planting and landscape design projects.

Shortly after joining the staff, Heather Titanich began working on her Fellow project of inventorying the herbaceous collections growing throughout the gardens. Working alongside the Director of Horticulture and Curator of Plant Collections, Steve Wright, and Curatorial Assistant, Nancy Cosmos, she has determined boundaries for over 100 garden beds and planting pockets along Woodland Walk, Stream Walk, Valley View, Azalea Hill, Elisabeth's Walk, and the Jenkins Road. She has thoroughly surveyed each bed and created a database that lists every species present and their abundance. Qualitative data such as the plant common names, families, native ecoregions, and growth habits is also being researched and recorded.

Heather completed the initial survey of the grounds in the fall and spent the winter sifting through the data to ensure uniformity and accuracy. As the days grew warmer and plants started to push up through the soil, she performed a second analysis of the gardens, resurveying all of the beds and documenting the spring ephemerals that grow prolifically throughout the grounds. Finally, she uploaded all of the data to BG-Base, a software program designed to manage information for biological collections.

The goal of this project is to create a foundational database that will be updated with any new plantings, removals, and design changes affecting the herbaceous collection of plants. This data can also be used to compute and analyze the plant diversity on the grounds and ensure a wide distribution of different plant families, genera, and species. Having this knowledge available will help the horticulture staff better manage the herbaceous collections and support a diverse garden that hosts a plethora of insects and wildlife while maintaining aesthetic beauty.



Hardworking group of volunteers from Vanguard in 2019.

HOW DOES OUR GARDEN GROW? A SPOTLIGHT ON VOLUNTEERS

HOW DOES OUR GARDEN GROW? | Jenkins is blessed with an incredibly talented, dedicated, and hard-working staff. This staff is also ambitious, always looking for ways to grow, improve the gardens, and create a better experience for our visitors. There is always room for improvement and, with all that we hope to accomplish, we could not possibly do it alone. How does our garden grow? With lots of help from volunteers. Over the past decade, we have completed dozens of large-scale volunteer projects with help from community organizations such as Accenture, Vanguard, Yesler, FM Global, the Rotary Club of the Upper Main Line, and several different local Boy Scout troops. You’ve probably read about the many Eagle projects that have been completed at the Arboretum – what a wonderful partnership! Last fall, we were joined by two groups.

Last September, we hosted Matthew Fan, Life Scout in the Devon 50 Boy Scout troop, to complete his Eagle project at the Arboretum. He and his team of friends, relatives, and fellow Scouts spent two days clearing brush, creating erosion barriers using that brush, and then replanting a sloped section of our streambank. The purpose of the project was to reduce the serious erosion on that bank by planting over 100 aggressively colonizing native trees and shrubs. Matthew and his team worked very hard and did a great job; we look forward to watching the area fill in over the next couple of years and are anxious to see how successful it will be. See page 24 for pictures of Matthew and his team.

In November, we accepted an afternoon of help from a small group of volunteers from Vanguard who had been here earlier in the day for a business meeting. The primary focus was the Explorer Garden as they helped to mulch plantings, add new playground woodchips, prune, plant, and extend the border fencing. It was a great group; they worked so quickly and had so much time left, that we put them to work in other areas of the Garden. We are very grateful for their help and look forward to future projects.

OUR THURSDAY VOLUNTEERS | Usually receiving much less publicity than our corporate volunteers and Scout groups, our regular volunteers are truly our unsung heroes. For years, aside from a few holidays through the year, a group of about 25 volunteers would join us every Thursday morning to assist in all kinds of ways. Once again, COVID-19 has disrupted this system and for now, we invite smaller groups of volunteers 4 days per week. Currently, there are two main groups – the “Greenhouse Group” and the “Garden Group”. What do they do?

Led by Greenhouse and Nursery Manager, Helen Standen, the Greenhouse Group focuses on plant production and promotion. They propagate thousands of plants every year – some from seed, some from cuttings, and some from divisions. They spend most of the growing season potting up seedlings and plugs, and bumping plants from small containers into larger ones. They fertilize, prune, clean, price, and label nearly 10,000 plants per year for sale in our Plant Shop, and then help keep that Plant Shop stocked and tidy. They pot up plants dug from the gardens, assist with minor greenhouse pest management, and produce an assortment of succulents and other miscellaneous houseplants.

Led by our Head Horticulturist and Hamilton Fellows, the Garden Group spends almost all of their time out in the Garden. They assist with most of the larger-scale garden maintenance tasks such as pruning, mulching, weeding, deadheading, “deleafing” azaleas, and walking the trails to break and scatter the never-ending stream of fallen sticks and twigs. They also assist staff with various garden improvement projects such as editing beds, removing competition from collection plants, planting new plants, and transplanting patches of established plants. In a normal year, this group spends cold or snowy days indoors cleaning and sharpening tools and a variety of other miscellaneous indoor tasks.

We are happy to welcome these volunteers to our horticulture team each week and are exceedingly grateful for all that we accomplish together. It is hard to imagine a better group of folks and impossible to imagine how we might grow this garden without them.



Matthew Fan, Eagle Scout.



Matthew Fan and his team.



Thursday Garden Volunteers.



Conservation Volunteers Crew.

THE NEW CONSERVATION VOLUNTEER CREW | The Arboretum has been successful in reclaiming parts of our property that had previously been highly degraded by non-native, invasive plants, but there is still so much to accomplish. These restorations need to be frequently revisited and maintained if they are to be truly aesthetically and ecologically successful. We are also always evaluating opportunities to expand the public garden into our current natural areas. Again, we cannot accomplish all of this alone; we are now looking to add a third crew to our Thursday volunteer group – the Conservation Volunteers.

This new group will help with a wide range of tasks in the Arboretum's natural areas, some of which have been restored and some of which are in progress. Though the areas in which these volunteers will be working are not currently open to the public, they are either a) highly visible from the Gardens or bordering roads, b) under consideration for future public garden expansion, or c) highly degraded and in need of restoration. These areas include what we refer to as the floodplain, roadsides, and Conservation Woodlands.

Specific tasks for this group will fall under four broad categories:

1. Ecological restoration and subsequent maintenance. This will include:
 - a. Removing unwanted plants, namely invasive species
 - b. Replanting with ecologically valuable, site appropriate native plants
 - c. Maintaining planted/restored areas to prevent reestablishment of invasive species and to ensure survival of plantings
2. Management of debris. This will include:
 - a. Removing and/or "processing" (sawing, lopping, scattering) fallen trees or branches
 - b. Roadside trash cleanup, old fences, brush piles, etc.
3. Storm water management. Activities might include:
 - a. Planting colonizing species along stream banks
 - b. Installing erosion control coir logs, fascines, geotextiles, and/or other related materials
 - c. Orienting logs and branches perpendicular to slopes
4. Trail creation and ongoing maintenance

We are doing great things at the Arboretum and will continue forging ahead. Knowing where we want to go and what we want to do, we understand we are going to need more help. If you are interested in becoming a Thursday morning volunteer, we would love to hear from you! Please read on...

WANT TO JOIN US? | Do you want to join our growing and vibrant volunteer crew? Our volunteers work from 9:00 until 11:30 and, in the past, we would break for a communal potluck lunch with occasional lunchtime programs delivered by staff (and sometimes volunteers too). Currently, we are taking precautions to keep everyone safe and have suspended the potluck, but we hope that someday we will get back to normal. Regardless, there is never a dull moment, the company is always good, and we could always use a little more help. We are accepting applications for new volunteers to begin working with us this spring. Visit our website or contact webinfo@jenkinsarboretum.org for more information. We hope to hear from you soon!

EDUCATIONAL PROGRAMS & EVENTS

PROGRAM REGISTRATION | Online registration is required for all programs this semester. To register with a credit card, please visit JAGardens.eventbrite.com. If you have questions about a program or registration, please contact us by emailing programs@jenkinsarboretum.org.

SUPPORT OUR PROGRAMS! For the remainder of 2020 our lectures will be free, but as you register, please consider making an optional donation to help us cover expenses such as speaker fees, technology upgrades, or staff time to facilitate programs. Every donation helps us continue to offer great programs in new ways to our community!

Why free? This has been a challenging year and offering flexible pricing for programs is one way Jenkins can support the health and wellbeing of our community. We know that our programs can offer inspiration and rejuvenation, and don't want cost to be a barrier to accessing great information on gardening and horticulture.

CANCELLATIONS | Please inform us of cancellations at least five days before the program. No refund will be issued if cancellation is made less than five days prior to the program start date. Jenkins reserves the rights to cancel any program if necessary. In the case of cancellation by Jenkins, registration fees will be refunded.

MANY THANKS TO OUR GENEROUS SPONSORS FOR THEIR SUPPORT OF OUR 2020 PROGRAMS!

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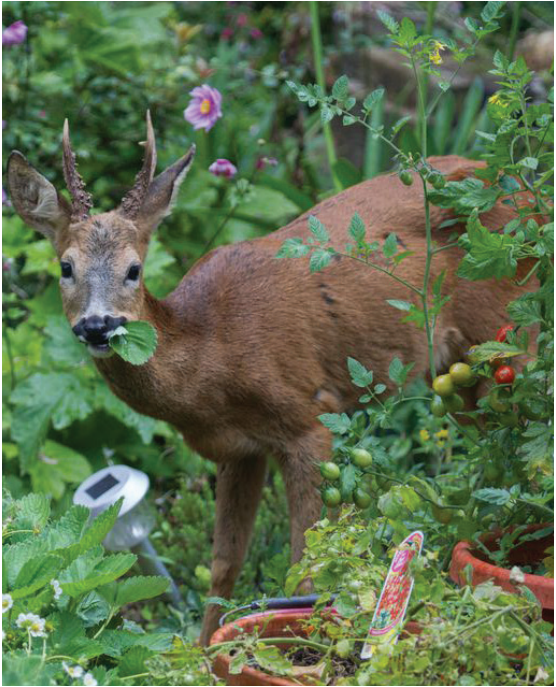


MINDFUL YOGA
Two 6-Week Sessions:
Mondays, Sept. 14 – Oct. 19 from 6:00 – 7:15 pm
Mondays, Oct. 26 – Dec. 7 from 6:00 – 7:15 pm
(no class on Nov. 23)
Presented by Janet Muti, Yoga Instructor

During a busy and often stressful season, take time to practice Mindful Hatha Yoga with other members and supporters of the Arboretum. Our practice will consist of gentle stretching and strengthening exercises done slowly with moment-to-moment awareness of breath and sensations that arise as we move from pose to pose. A variety of healthy living topics will be discussed to further benefit mind-body health. All levels are invited to join.

Mindful Yoga will be held virtually. A link with instructions to participate will be emailed before class begins.

Member: \$72 (6-week series)
Non-Member: \$102 (6-week series)
Drop-in: \$20/class



GARDENING IN DEER COUNTRY
Sunday, October 4 from 2:00 – 3:00 pm
Presented by Steve Wright, Director of Horticulture/
Curator of Plant Collections at Jenkins Arboretum & Gardens

Losing your plants to the deer? You are not alone; it is estimated that whitetail deer cause over one billion dollars in suburban landscape damage each year. In this virtual presentation, Steve will discuss some issues affecting deer populations and offer some landscaping tricks and plant species that you could use to create a beautiful home garden that deer won't eat! Tune in with your questions and a notepad and leave with some inspiration for your garden. And don't forget! Our Plant Shop is open until October 11th so you will have time to visit Jenkins and purchase many of the plants Steve recommends.

This lecture will be held virtually. A link and viewing instructions will be emailed after your registration is complete.

Free; donations appreciated.



AUTUMN OBSERVATIONS: BEGINNING A MUSHROOM SKETCHBOOK - ALL LEVELS WELCOME!
Thursday, October 8 from 5:00 – 7:00 pm
Presented by Margaret Saylor, Botanical Artist and Illustrator

Botanical art draws together art and science. What better way to become familiar with our Pennsylvania fungi than by beginning a sketchbook depicting these forest jewels? Using fungi and mushrooms specimens that you procure, we'll learn how to sketch, draw, and paint, starting a journal of botanical visual notes and impressions. This online class will consist of a botanical discussion, demonstrations, and time for you to draw. Work may be submitted through Google Classroom for instructor comment.

This class will be held virtually. A link with instructions participating along with a recommended materials list will be emailed after your registration is complete.

Members: \$25
Non-Members: \$35



DEALING WITH CLIMATE CHANGE IN YOUR LANDSCAPE
Thursday, October 15 from 7:00 – 8:30 pm
Presented by Kim Eierman, Founder of EcoBeneficial!

Climate change is here and it is impacting our landscapes – increased flooding, more frequent droughts, more extreme weather events and increasing temperatures. Want to help fight climate change at home? Learn how the plants you choose and the landscape practices you use can help reduce the impacts of climate change and improve the environment around you.

Kim is an environmental horticulturist, specializing in ecological landscapes and native plants. She inspires audiences to make simple changes in their landscapes that make huge environmental improvements. Kim is an active speaker nationwide on many ecological topics – as she tells her audiences, “every landscape matters!” She is the Founder of EcoBeneficial!, a horticulture communications and consulting company that is built on the idea that it is time to think and act differently in our landscapes. Simple changes in landscaping practices can make major environmental improvements – no matter the size of the landscape. Learn more at ecobeneficial.com. **This lecture will be held virtually. A link and viewing instructions will be emailed after your registration is complete.**

Free; donations appreciated.



EDUCATIONAL PROGRAMS & EVENTS



DRIED FLORAL WREATH WORKSHOP

Saturday, October 24 from 10 am – 12 noon OR
Saturday, October 24 from 1 pm – 3 pm

Rain Date:

Sunday, October 25 from 10 am – 12 noon OR
Sunday, October 25 from 1 pm – 3 pm

Led by Arboretum Staff

Our native perennials take on a new form in fall and remain beautiful even after they have finished flowering. Join for a socially distant, outdoor workshop that will showcase the beauty of naturally dried flowers from our garden. All materials will be provided, and each participant will go home with their own wreath.

This is an in-person, outdoor workshop; class size is limited to 10 participants/session and each participant will have their own workstation. Please dress appropriately for the weather.

Members: \$25

Non-Members: \$35



YOGA WORKSHOP: LEARNING TO BREATHE

Wednesday, October 28 from 5:00 – 6:30 pm
Presented by Janet Muti, Yoga Instructor

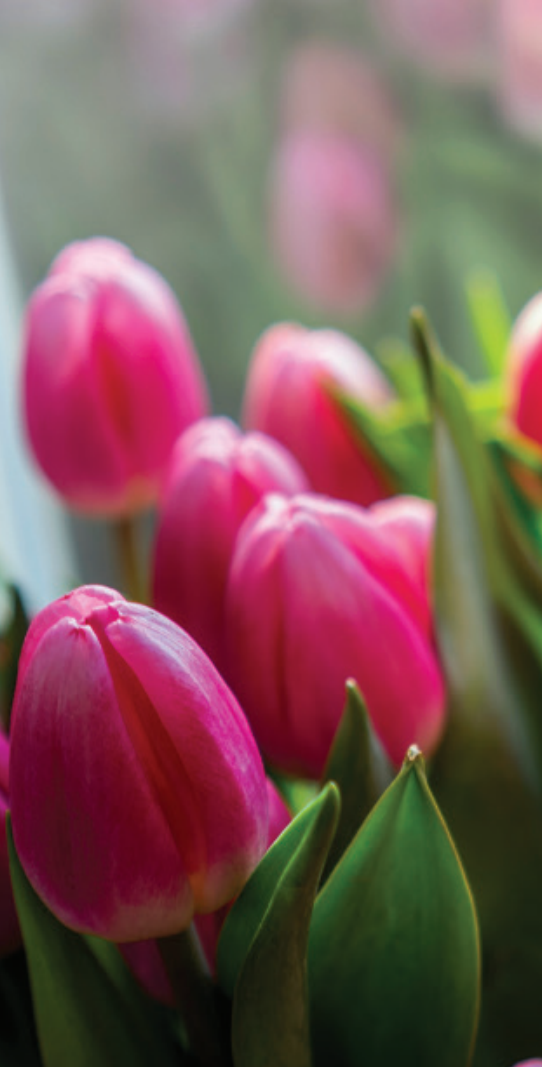


Join us for a special yoga session to learn some simple, yet powerful, techniques for breath regulation from the Eight Fold Path of Yoga. The term Pranayama is used to describe the power of each breath we take. Prana, referring to our life force energy and Yama, relating to control, regulation, and restraint. Regularly practicing these breathing techniques may bring you greater peace of mind, improved vitality, and concentration. During this session we will focus on four main practices: the observation of the natural breath, the yogic or Ujjayi breath, three-part breathing, and alternate nostril breathing. Learn to experience the power that is within you!

This Yoga Workshop will be held virtually. A link with instructions to participate will be emailed before class begins.

Member: \$20

Non-Member: \$30



LIVING ARRANGEMENT WORKSHOP

Presented by Brent Heath, Brent and Becky’s Bulbs and Jenkins Arboretum & Gardens Staff

Part One: Thursday, November 5 from 7:00 – 8:00 pm

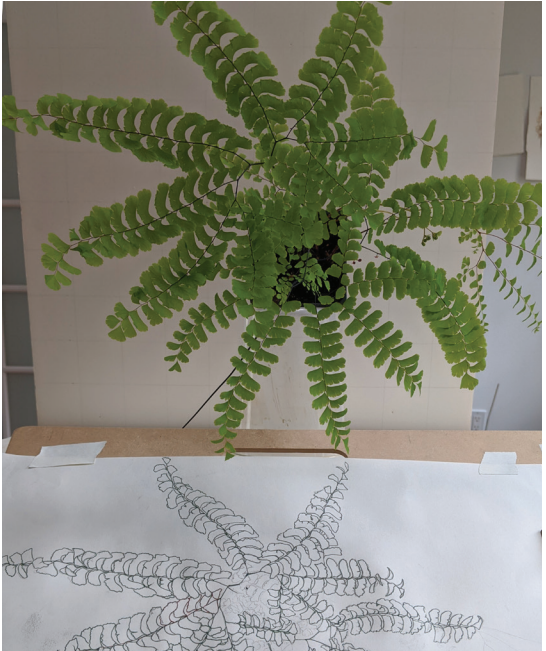
Part Two: Saturday, November 7 from 10:00 am – 12:00 noon
OR Saturday, November 7 from 1:00 – 3:00 pm (rain date November 8)



We all smile when we receive a beautiful arrangement of flowers. However, that smile will return many times when we realize that the flowers come from live bulbs and will last up to 2 or 3 times longer than cut flowers. Then they can often be recycled into the garden after danger of hard freeze. On Thursday, November 5 we will gather virtually for an online lecture with Brent Heath to cover the particulars on how to create living flower arrangements and which bulb cultivars are best suited to pot culture. We will demonstrate the most innovative methods of creating the forced container, the window box liner, the layered patio planter or individually potted bulbs. This lecture should expand our gardening palette and give us more hours of garden pleasure, an additional season and flowers in additional areas. Then on Saturday, November 7 we will meet in person with staff from Jenkins for a hands-on workshop to create our own combination planting which to take home and enjoy watching as a ‘Living Flower Arrangement’. **Please note:** all participants will attend the virtual portion of the program together and will select one of the two in-person workshop timeslots to attend. The in-person portion of the class will be held outdoors with groups of 10 participants/session, each with their own workstation. Please dress appropriately for the weather.

Member: \$40

Non-Member: \$50



SEE A PLANT, DRAW A PLANT: A BOTANICAL ILLUSTRATION MINI-SERIES FOR BEGINNERS

Tuesdays, December 1, 8, and 15 from 5:00 – 6:00 pm

Presented by Carol Ashton-Hergenhan, Botanical Illustrator, Artist for the Jenkins Florilegium Project



Have you ever tried to describe a flower to a friend but don’t have the words? Have you ever tried to draw a flower and think, “that doesn’t look anything like it!” Then this course will put you on the right path. In this three-hour class, students will be introduced to the botanical terminology used to describe a plant, will learn how to look closely at a flower and be able to describe it in their own terminology, and will then translate that knowledge into a simple drawing of a flower. This class will be held virtually. A link with instructions participating along with a recommended materials list will be emailed after your registration is complete.

Members: \$50

Non-Members: \$75

HAMILTON FELLOW LECTURE SERIES

THE HAMILTON FELLOW LECTURE SERIES | is a series of talks given by the current Hamilton Educational Fellows. The Fellowship provides an immersive educational experience in the unparalleled setting of Jenkins Arboretum & Gardens. Fellows will acquire specialized skills and practical knowledge that will benefit them in pursuit of a career in the fields of horticulture, botany, biology, or environmental resource management.



**HAMILTON FELLOW LECTURE SERIES:
RARE & ENDANGERED PLANTS OF THE NORTHEAST**
Thursday, November 12 from 7:00 – 8:30 pm
Presented by Heather Titanich, Hamilton Educational Fellow
at Jenkins Arboretum & Gardens



The Northeast region of the United States is home to many unique, native plants that create diverse habitats and support local insects and wildlife. Unfortunately, many of these plants are threatened by factors such as habitat loss and invasive species, causing them to disappear from the wild. Join Hamilton Fellow, Heather Titanich, in learning about numerous rare and endangered plants and how to incorporate them into your home landscape.

This lecture will be held virtually. A link and viewing instructions will be emailed after your registration is complete.

Free; donations appreciated.



**HAMILTON FELLOW LECTURE SERIES:
AN INTRODUCTION TO MUSHROOMS AND FUNGI**
Thursday, December 3 from 7:00 – 8:30 pm
Presented by Jacob Summers, Hamilton Educational Fellow
at Jenkins Arboretum & Gardens



Have you ever spotted a mushroom growing in your garden and wondered where it came from? Have you wondered what the difference is between a mushroom and a fungus? Join Hamilton Fellow Jacob Summers as he explores the biology and culture of Fungi.

This lecture will be held virtually. A link and viewing instructions will be emailed after your registration is complete.

Free; donations appreciated.

EDUCATIONAL PROGRAMS & EVENTS



HOLIDAY GREENS WREATH WORKSHOP
Saturday, December 5 from 10:00 am – 12:00 noon
OR Saturday, December 5 from 1:00 pm – 3:00 pm
Inclement Weather Dates:
Sunday, December 6 from 10:00 am – 12:00 noon OR
Sunday, December 6 from 1:00 pm – 3:00 pm
Led by Arboretum Staff

The holiday season is right around the corner and now is the perfect time to spruce up your front door with fresh greens from our garden. All materials will be provided, included greens, pinecones, dried seedpods, and other natural materials as well as ribbon, bows, and a wreath frame.

This is an in-person, outdoor workshop; class size is limited to 10 participants/session and each participant will have their own workstation. Please dress appropriately for the weather.

Member: \$25
Non-Member: \$35



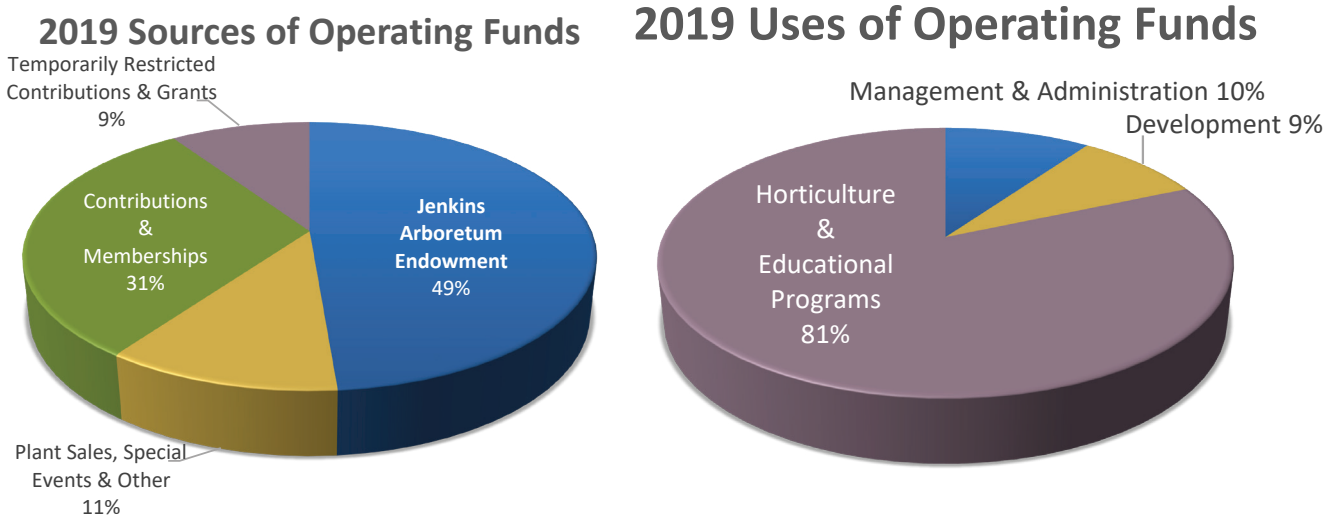
YOGA WORKSHOP: MINDFULNESS MEDIATION
Wednesday, December 9 from 5:00 – 6:30 pm
Presented by Janet Muti, Yoga Instructor



Jon Kabat Zinn describes Mindfulness Meditation as paying attention, moment by moment, on purpose, without judgement. Join us to learn the simple, but not always easy, practice that has the power to bring steadfastness and clarity to all aspects of your life. By establishing a consistent practice, you may find yourself more awake, more present to your own life. We will learn how to sit, chose an object of meditation, and work with the thoughts that arise.

This Yoga Workshop will be held virtually. A link with instructions to participate will be emailed before class begins.

Members: \$20
Non-Members: \$30



ASSETS	2019	2018
CURRENT ASSETS:		
Cash and Cash equivalents	377,742	246,835
Contributions receivable	172,200	123,880
Investments	15,133,515	12,618,756
Property, furniture and equipment	5,847,031	5,971,563
TOTAL ASSETS	21,530,488	18,961,034

LIABILITIES & NET ASSETS		
CURRENT LIABILITIES:		
Accounts payable	9,051	8,753
Accrued payroll and payroll taxes	3,735	3,679
Loan payable	11,875	23,999
TOTAL LIABILITIES	24,661	36,431

NET ASSETS:		
Without donor restriction		
Undesignated	7,288,634	5,150,449
Board-designated	336,448	240,154
With donor restriction	13,880,745	13,534,000
TOTAL NET ASSET	21,505,827	18,924,603

TOTAL LIABILITIES AND NET ASSETS	21,530,488	18,961,034
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GIFT ANNUITIES AT JENKINS ARBORETUM & GARDENS

A gift annuity through Everence, part of the Mennonite Foundation, is a great way to help Jenkins Arboretum & Gardens while securing your future at the same time. An Everence annuity will provide you with income payments for life, free you from the burden of managing funds that you intend to give away, and will benefit the long-term financial stability of Jenkins. By making a gift of an Everence annuity, you will be joining with dozens of other Legacy Society members and will be invited to special events to honor and recognize your lasting commitment to Jenkins.

To learn more, contact Janet Bauman at 610-647-8870 ext. 152 or janet@jenkinsarboretum.org.

Stay in the loop! Sign up to receive our e-news by subscribing online at jenkinsarboretum.org

For more information please contact us: jenkinsarboretum.org or webinfo@jenkinsarboretum.org 610-647-8870

Jenkins Arboretum & Gardens has been recognized by the IRS as a 501(c)3 organization and contributions are deductible as provided by law. The official registration and financial information of Jenkins Arboretum may be obtained from the Pennsylvania Department of State by calling toll free in PA 800-732-0999. Registration does not imply endorsement

MEMBERSHIP LEVEL:

- ☐ Renewal
- ☐ Circle of Friends (\$1,000+)
- ☐ Sustaining (\$500)
- ☐ Patron (\$250)
- ☐ I would like to make an additional gift of \$ _____ to the Arboretum
- ☐ New Member
- ☐ Donor (\$100)
- ☐ Regular (\$50)

CONTACT INFORMATION:

Name(s)/Organization _____
(as you wish to appear in publications)

Address _____

City _____ State _____ Zip _____

Phone (required) _____

E-mail (appreciated) _____

PAYMENT INFORMATION:

- ☐ Check enclosed (payable to Jenkins Arboretum & Gardens)
- ☐ Credit card: ☐ VISA ☐ MasterCard ☐ American Express ☐ Discover
- Card Number _____ Exp. Date _____
- Card security code (required) _____ Total Amt. _____
- Signature _____
- ☐ My company's matching gift form is enclosed.
- ☐ I would like to remain anonymous.
- ☐ I would like to make a gift to the permanent endowment.
- ☐ Tribute gift in honor of (Name): _____
- ☐ Memorial gift in memory of (Name): _____

Name/Address of person/family member to notify regarding your tribute/memorial gift: _____

Your Name/Address for acknowledgment of tribute/memorial gift: _____



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