



JENKINS



SUMMER + FALL 2023

Semi-annual news, education, and events at Jenkins Arboretum & Gardens





MISSION & VISION

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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PLANTING FOR POLLINATORS



**OUTGOING FELLOW
PROJECT RECAP**



WINTER LUMINARY NIGHTS

Celebrate Connectivity



Dear Jenkins family & friends,

IT IS AMAZING TO WATCH THE CYCLES of life as the seasons pass. Each year I am in awe of new discoveries to be found in the garden or out in nature. I am easily captivated by the grand gestures of a flowing river or the majesty of a great heritage tree. But I must remind myself to stop and observe more closely the smaller actions happening all around me. There is a whole world moving just above, around, and beneath us.

I love to watch insects. They fascinate me... and gross me out a little, too! The abilities and roles that insects play in our natural world are amazing. They can be heavy lifters, travel great distances by wing or legs, walk on water or ceilings, and hold their breath for long periods. Pollinators are the stars right now. Bees, flies, butterflies, moths, and many other insects play a critical role in perpetuating the life cycle of our world by spreading pollen between flowers. This does not just produce seed for the plant but yields important food that our human civilization depends on eating.

Last year at Jenkins a new pollinator planting was installed in our Upper Wildflower Garden as part of a renovation project led by one of our Hamilton Fellows. This story is included in the pages of this magazine along with further information on good plants to select for your home garden.

The ecological connectivity of the world, especially plants' role within it, is what we celebrate at Jenkins.

What I find so incredible when I think about pollination is that there is a much bigger story of interconnectedness between flowers, insects, food, and people. This is what we call ecology, the study of the relationships of living creatures in their habitat and the “web” of connections. The food we eat, the clothes we wear, and the air we breathe are all results of countless interactions between plants and critters, like insects, as they live out their roles.

The ecological connectivity of the world, especially plants' role within it, is what we celebrate at Jenkins. Our gardens are intentionally created to support a vast variety of plants through naturalistic garden design. A good portion of our plant collections consist of native trees, shrubs, and perennials that play an important role in the ecosystem.

Our connectivity goes further as we expand into our community. Every resident and business affects our shared survival and enjoyment. At Jenkins, we work to be an integral part of our community, providing resources for wonder, education, and conservation.

Jenkins is a gift made possible every day by community members and supporters who understand how the gardens enrich the lives of everyone who visits. We are so proud to be a place where visitors can enjoy the grand beauty and interconnectedness of the natural world, together.

Always growing,

A handwritten signature in green ink that reads "Tom Smarr".

Tom Smarr
Executive Director

Membership Update

JENKINS IS COMPLETELY FUNDED BY our community, including members like you! This group of dedicated supporters provides critical resources to keep the gardens open with free admission for all to enjoy. Simply put, Jenkins wouldn't exist without our members! We are always looking for new and meaningful ways to say "thank you" to our members and are excited to announce an expansion of our member benefits.

NEW MEMBER CARDS

Members will now receive member cards upon joining or renewal. With both physical card and digital card options, members can now redeem benefits at more than two dozen local and online retailers. From nurseries to restaurants to theatres to outfitters, we're rewarding members within and beyond our garden gates. In addition, Jenkins' members receive admission discounts at 300+ gardens across the country through the American Horticultural Society's Reciprocal Admissions Program.

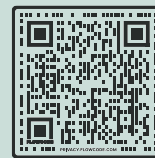


To renew, join, or learn more, visit us online at jenkinsarboretum.org/membership or email membership@jenkinsarboretum.org

NEW MEMBER BENEFITS

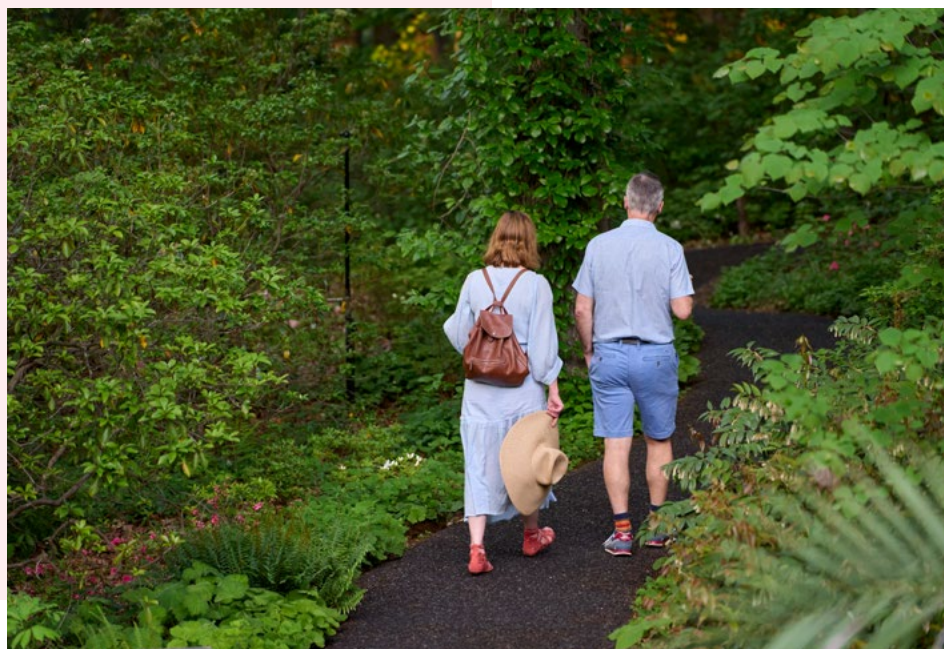
Look for new opportunities to engage in and enjoy the gardens at all member levels:

- ▶ *Donor members (\$100+) and above are invited to join seasonal pop-up tours and programs.*
- ▶ *Patron members (\$250+) and above will receive an invitation to our new annual Sip 'n Stroll event in June.*
- ▶ *Sustaining members (\$500+) and above will enjoy an invitation to quarterly off-site Member Meander tours of private gardens.*
- ▶ *Circle of Friends members (\$1,000+) will receive two tickets to our annual thank you reception along with the opportunity to take a behind-the-scenes tour followed by refreshments on the Jenkins House patio with Executive Director, Tom Smarr.*



BECOME A MEMBER

Scan this QR code with your phone's camera to visit our membership page.



Planting for Pollinators

PLANTS AND INSECTS HAVE CO-EVOLVED TO SUPPORT ONE ANOTHER IN THEIR NATURAL environment. Plants house nectar and pollen within their flowers. Pollinators visit flowers to consume this nectar and pollen as food and in turn fertilize the plants' flowers, aiding the plant in its own reproduction. This interaction is incredibly beneficial to both parties and is one of the most effective forms of plant reproduction. Even though their small size may make them easy to overlook, pollinating insects are integral to the preservation of our landscape as we know it. You can support pollinators in your own garden by following these guidelines:

PRIORITIZE NATIVE PLANTS

Native plants should form the foundation of your pollinator planting. Having co-evolved in the same location, these plants and insects have complex, interdependent relationships. Native plants have flowers that pollinators know how to access, food resources readily recognized by pollinators, and bloom at times that pollinators have come to expect.

DESIGN FOR CONTINUOUS BLOOM

Pollinators have an incredibly diverse range of life cycles that span the entire year. Some specialist bees, like the spring beauty mining bee, come out in early spring to forage on ephemeral wildflowers and mate, and then return underground to overwinter before there are even leaves on the trees. Other bees, like bumblebees, emerge in spring and will have a colony that is active until the first frost. Different pollinators have key life cycle stages happening at all times of the year, so it is important to have flowers providing nectar and pollen resources in every season.

INCORPORATE A VARIETY OF FLOWER TYPES

Plants have evolved their distinct flower shapes to attract different pollinators. Some plants, such as mountain mint (*Pycnanthemum* spp.) feature an open crown of flowers well-suited to any size pollinator, from the tiniest sweat bee to a large carpenter bee. Other flowers, like beardtongue (*Penstemon* spp.) or bee balm (*Monarda* spp.), have long tubes that are best suited to pollinators with long tongues, such as bumblebees or hummingbirds. To accommodate pollinators of all shapes and sizes—of which there are many—it is important to keep a variety of flower shapes in your garden.

BE MINDFUL OF CULTIVARS

“Cultivar” is a blend of “cultivated variety” and refers to a plant that was selectively bred by humans for a particular trait or set of traits. Although cultivars are widely available in nurseries and can address many landscape problems, they can be less valuable to pollinators. Many traits that are appealing to gardeners, such as an increased number of petals or a change in petal or foliage color, can render a flower unrecognizable to a pollinator, or even leave that flower sterile. Sterile flowers do not produce the nectar or pollen that are essential to the life cycle of pollinators. Additionally, altered foliage colors can leave a plant distasteful to caterpillars. It is worth considering a cultivar that more closely resembles the straight species if your goal is to support wildlife.

Mountain mint
(*Pycnanthemum muticum*)



Bee balm (*Monarda didyma*)





Showy goldenrod
(Solidago speciosa)

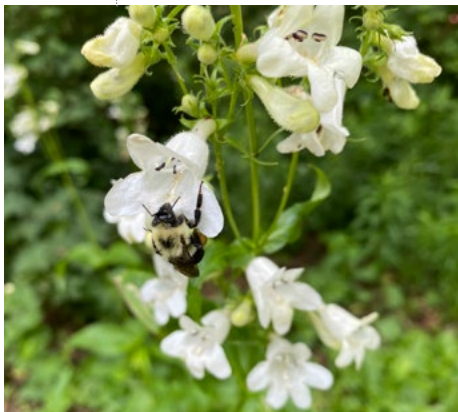
HAVE FUN EXPERIMENTING

Native plants are a diverse and inspiring palette to work with. There is a great choice for every area of the garden that not only beautifies your space, but also offers resources for wildlife. Fostering these interactions is rewarding for you and the creatures that share your garden.

When selecting plants for pollinator support, you should consider nursery availability, budget, time, and personal taste. The trick with ecological gardening is learning how to balance these human constraints with the needs of wildlife. Keeping the above guidelines in mind can help gardeners navigate horticultural offerings and make a decision that maximizes the ecological value of their limited space for more impactful plant choices.

Come shop for native plants in The Garden Shop at Jenkins! Our seasonal inventory of pollinator-approved plants can add ornamental and ecological value to any landscape.

Foxglove beardtongue
(Penstemon digitalis)



Top 10 Herbaceous Plants for Pollinators

PLANT NAME	BENEFITS
FOXGLOVE BEARDTONGUE <i>Penstemon digitalis</i>	Foxglove beardtongue is a key plant for bees—it bridges the gap in blooms between late spring and early summer and provides ample nectar for a wide range of pollinators.
MOUNTAIN MINT <i>Pycnanthemum</i> spp.	Mountain mints are consistently ranked as one of the most popular plants among pollinators. Their open arrangement of white flowers makes them a great food resource for many kinds of insects large and small.
ANISE HYSSOP <i>Agastache foeniculum</i>	The unique purple spires of anise hyssop flowers are always covered in pollinators. It has a strong scent, and the leaves are delicious brewed in a tea with honey.
BEE BALM <i>Monarda</i> spp.	Bee balm's interesting flower shape is a great firework of color in a flower bed and showcases interesting pollinator behaviors like nectar robbing. The red color of <i>Monarda didyma</i> is a favorite of hummingbirds.
MEADOW BLAZING STAR <i>Liatris ligulistylis</i>	This species of <i>Liatris</i> is a knockout for monarch butterflies. It releases a scent that reportedly mimics a monarch pheromone and attracts them in droves.
ZIGZAG GOLDENROD <i>Solidago flexicaulis</i>	Zigzag goldenrod has a bright spike of yellow in fall that is especially cheery in the shade where it thrives. It's delightful next to just about any other shade plant.
STIFF GOLDENROD <i>Solidago rigida</i>	The rough texture of this goldenrod is a great contrast to the softer leaves of herbaceous plantings, and its tall flower cap is striking. It is consistently ranked highly for pollinator visitation rates.
SHOWY GOLDENROD <i>Solidago speciosa</i>	Showy goldenrod earned its name with its large yellow plumes and is a stunning straight species plant.
SMOOTH BLUE ASTER <i>Symphyotrichum laeve</i> 'Bluebird'	Smooth blue aster has a nice upright form, and the blue of its flowers is almost electric. This cultivar in particular is a top performer among pollinators.
WILD QUININE <i>Parthenium integrifolium</i>	The large white flowers of wild quinine are complemented by a unique sandpaper-textured foliage. Although often overlooked in herbaceous plantings, it pairs nicely with the bold colors of other summer blooming perennials.

Hamilton Fellows Update

Welcome New First Year Fellow

THE HAMILTON EDUCATIONAL FELLOWSHIP provides an immersive experience in the unparalleled setting of Jenkins Arboretum & Gardens. Fellows acquire specialized skills and practical knowledge that benefit them in pursuit of a career in horticulture and environmental fields.

Every year Jenkins welcomes a new Fellow, and this May we were excited to welcome Nate Braddock to the team. Nate grew up in Silver Springs, Maryland and attended Washington College, earning a Bachelor of Science in Biology with a concentration in Ecology and Evolution. During his studies, Nate took an interest in behavioral ecology and ornithology. However, while stuck at home during COVID-era lockdowns, Nate discovered that he has quite the green thumb after propagating some of his dad's arrowhead (*Synogium* spp.) and other houseplants. He has embraced his passion for plants, developing his hobby for houseplants into a career.

Nate comes to us after completing an internship at Longwood Gardens, where he maintained and propagated collections of rare and endangered plants from around the world. During his internship, he also worked on an independent research project to propagate an endangered native *Polemonium* species.

Passionate about sharing the science and beauty of plants with the public, Nate is excited to learn more about Jenkins' approach to environmental horticulture, naturalistic garden design, and education. The Fellowship program will help him to gain hands-on experience with native plants and rhododendron collections. Most of all, he is looking forward to diving into his Fellow project, whatever it may be. In his free time, Nate likes bird watching, hiking, cooking, delving into art projects and, of course, caring for his houseplants. Be sure to give Nate a warm welcome when you see him around the garden!



Second Year Fellow Update

Second year Fellow Liesl Barkman continues to work on her Fellow Project, gathering more information on erosion and plant life in the floodplain at Jenkins. Liesl's project has been focused around three primary tasks:

1. *Monitoring the total daily rainfall amounts*
2. *Tracking erosion in the floodplain at 15 stormwater monitoring gauges*
3. *Cataloging, mapping, and accessioning the woody plants in the floodplain*

While the past year has seen intermittent rains with occasional heavy flooding, conditions overall have stayed dry. Despite this lack of consistent heavy rains, Liesl has observed noticeable erosion along the streambank. Of the 15 monitoring gauges, three show less than three inches of erosion; nine show three-to-ten inches of erosion; and three show more than ten inches of erosion over the past year.

The effects of this erosion are significant: shale rock erodes from the bank to pile in the stream; the stream bank is undercut, soil is lost, roots are exposed, and the bank collapses completely—soil mass and plants included. It is clear from Liesl's careful measurement and study that severe and consistent erosion is happening on the property.

In addition to this monitoring process, Liesl and Steve Wright (Director of Horticulture/Curator) continue to inventory the woody plants in the floodplain. This inventory is compared to a previous record of accessioned plants to check which plants have survived, the conditions of their growth, and the tree diameter at breast height (dbh). Any new wild-grown seedlings are given an accession number so they may be added to our digital map of the area. Liesl will continue tracking stormwater for the remainder of her time at Jenkins and aims to complete mapping in the late fall and winter.

Outgoing Fellow Project Recap

Before the arrival of each new Fellow, we have the bittersweet task of saying goodbye to an outgoing Fellow. Earlier this year we said farewell to Nicki Achor, who joined our horticulture team in the summer of 2021. Upon arriving at Jenkins, Nicki quickly developed a deep interest in native plants and pollinators, which led her to complete a pollinator garden redesign in the Upper Wildflower Garden as her Fellow Project.

When Nicki began her project, the Upper Wildflower Garden was a mixture of slow-growing shrubs and aggressive perennials growing together and blocking the view of the pond. One of the first steps for her project was to transplant the large woody plants to other parts of the garden. She then delved into researching the best pollinator plants for the conditions of this site. As her design came together, she and the horticulture staff worked to prepare the site for planting. Over the course of three volunteer days, Nicki saw her design come to life, with over 1,153 plants put into the Upper Wildflower Garden.

Nicki's extensive research and design of this garden will allow it to highlight pollinator plants with high quality pollen and nectar and feature extended bloom times to attract the most pollinators, all the while keeping the view to the pond open. We are all looking forward to the display of blooms throughout the season and can't wait to see the pollinators that visit this redesigned garden.

Although Nicki is continuing to develop her horticultural skills in Chicago, she plans to come back and visit the garden in bloom. We are all wishing her the best with this next stage of her career!



3200
total square feet

14.
different
plant families

21.
new species added
to the collection

46 different
plants in
design

24 vs. **22**
species cultivars

1153.
plants total

7
yards of soil
amendments
added

308
total staff &
volunteer hours
of planting

AUGUST 2021

Mapping of garden bed complete

OCTOBER 2021

Transplanting of desired
plants—saving, selling, and
donating plants

FEBRUARY 2022

Researched and compiled
new plant list

APRIL 2022

New design complete

JULY 2022

Plants delivered and potted up
in nursery until fall planting

AUGUST 2022

Garden bed preparation—
added soil and amendments

SEPTEMBER 2022

Planting days with staff
& volunteers

Garden Maintenance: The Care and Cutting of Herbaceous Plants

AT JENKINS, WE GARDEN NOT JUST FOR HUMAN ENJOYMENT, BUT FOR THE SUPPORT AND survival of wildlife, too. Our approach to gardening in partnership with nature informs everything we do, from pruning to planting, weeding to pest management, propagating to watering, and everything in between. This style of naturalistic gardening frequently requires us to think differently about conventional garden maintenance.

For many years, the popular approach to maintaining herbaceous plants included cutting back and disposing of debris as soon as the plants stopped performing for the season. To do otherwise was to leave your garden messy and unkempt. This philosophy has evolved in recent years as maintenance practices and culture adjust to recognize the importance of seedheads, stems, and flowers for the survival of birds and insects.

Not only do stems and seeds provide food and shelter for wildlife in winter, but they also add beautiful texture and architecture to the dormant garden. Maintaining sturdy stems that don't appear messy begins many months before winter sets in. Pruning herbaceous perennials in summer can help set you up for success in winter months. The horticulture team at Jenkins maintains a variety of herbaceous settings, with the bulk of work performed in summer and fall.

SUMMER MAINTENANCE

The team begins by assessing key plants and identifying locations to prune in early summer, the time at which plants push their greatest amount of growth. Throughout the summer, our horticulture team and volunteers perform stadium pruning of perennials growing en masse, as in the

wildflower gardens along the pond fence and the newly revitalized Upper Wildflower Garden. Stadium pruning is a maintenance style in which you trim plants closest to the path or garden edge lowest and gradually increase the height of plants farther back. The method is named after the stadium seating it replicates, with plants increasing in height as you look deeper into the garden bed. Due to their varying forms and heights, clusters of different plant species are cut separately. All stems which are pruned are left with at least one set of leaves intact so they can continue growing, resulting in sturdy, multi-stemmed plants with many blooms.

Keep in mind, this style of pruning herbaceous perennials is not one size fits all! Branching perennials growing in clusters benefit from summer pruning, especially if they tend to flop over by mid-to-late summer. White wood asters (*Eurybia divaricata*) growing along the paths at Jenkins are pruned to encourage branching for more flowers, and to prevent overly long stems from falling into the path or blocking the plants behind them. Other perennials that benefit from pruning are sunflowers (*Helianthus* spp.), bee balms (*Monarda* spp.), mountain mints (*Pycnanthemum* spp.), and more. In contrast, plants that bloom on terminal spikes—such as gayfeather (*Liatris*

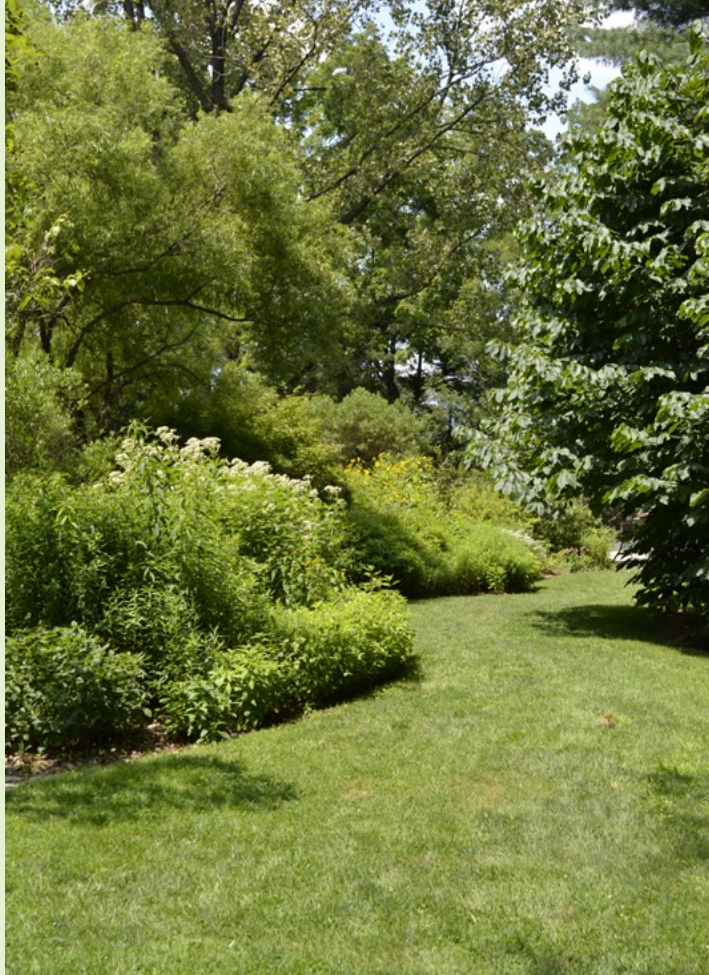
spicata), turtlehead (*Chelone* spp.), and cup plant (*Silphium perfoliatum*)—should not be pruned in summer as they may not put out new growth with flower buds.

FALL MAINTENANCE

Stems that have been cut back in summer prove to be sturdier later into the season. Fall is the prime season to leave as many herbaceous stems for wildlife as possible. Birds require seedheads for nutrition, either in preparation for migration or in preparation for our northeastern winter, when food



White wood aster (*Eurybia divaricata*)



Stadium pruning in the garden—shorter in front and taller in back



Leave stems in your garden to support wildlife

sources are limited. In late summer and early fall, you can often spot goldfinches in the wildflower gardens at Jenkins, gorging on the seeds of hyssop (*Agastache* spp.), coneflower (*Echinacea* spp.), and wild bergamot (*Monarda fistulosa*) as they build their fat stores to survive the winter. Many native insects survive winter by burrowing in or under clusters of dried stems and laying eggs in them. Prematurely removing these stems for aesthetic purposes removes critical habitat that supports birds and insects.

Throughout the fall, our horticulture team cuts back plants which grow easily from seed, including white wood aster (*Eurybia divaricata*), goldenrods (*Solidago* spp.), golden ragwort (*Packera aurea*), and golden alexanders (*Zizia aurea*), to prevent overspreading in the garden. These pruned stems and their bursting seedheads are carefully moved to naturalized areas of the Arboretum and dispersed to create new

areas of herbaceous plants. The other stems which were not pruned will remain through the winter until early spring, at which time they will be cut back to varying lengths. Cut debris is then spread in the gardens for birds to gather as they build spring nests, and to provide shelter for insects looking to lay eggs.

At Jenkins, we are intentional about the timing and type of maintenance we perform to ensure the gardens are enjoyable for visitors while also serving as robust habitat for our native wildlife. Early summer pruning ensures sturdier stems that can support abundant seedheads through fall and winter; in spring, the stems and seedheads are finally cut back, providing nesting material for birds and shelter for insects. Try these methods in your backyard for happy herbaceous plants, and a healthy habitat.



Insect exit holes in a dried stem

Florilegium: Progress Updates from the Artists

BOTANICAL ARTISTS CAROL ASHTON-HERGENHAN, DEBBY DION, AND SUSAN MINTUN continue their work on the Jenkins Arboretum & Gardens Florilegium. In collaboration with Jenkins members and staff, 36 plants in the Arboretum's botanical collection were chosen as subjects for this project in 2019. Each artist will be creating artwork in their own style, while maintaining scientific accuracy in portraying the specimens. Continue reading for an update from each artist on their progress and insights into how they approach their work.

CAROL

I am moving right along with my paintings. My art has focused on plants for 50 years, primarily because their parts are so interesting to me. That is one of the reasons I frequently execute my work in a botanical style. At this point, I have completed 11 of the plants on my list; however, it has taken me 23 pieces to get the 11 that are complete. I frequently do a painting of the parts to get to know the plant better. I have two more pieces from my original list to complete. My dwarf fothergilla (*Fothergilla gardenii*) is in progress. I did the exploratory painting of the flowers last year but was unable to get them on the larger piece before they died off. I needed to wait until their spring re-emergence in order to finish the piece. When that is done, I will move on to the next, but possibly not final, piece.

DEBBY

Tackling a body of work consisting of 12 botanical illustrations has been a challenge. I spent the first two years of the project visiting the specimens at Jenkins, photographing growth stages, and sketching. I started a journal making notes about each plant. Returning to the studio with cuttings, I worked on composition and color studies. This process included doing a detailed graphite drawing depicting values of light and dark, color studies, and journal entries. I completed 11 out of 12 studies. I found it took more time than I thought to observe the complete growth cycle and to decide what to illustrate. I completed the last study in May of this year. So far, I've finished two paintings and have spaced out the remaining work to meet the completion date.

SUSAN

My background in horticulture, plant science, and teaching inspires me to tell viewers something about each plant that perhaps they didn't know before. That means including in my paintings sight angles that may be overlooked by the casual observer, or phases of growth and development, or even, with the help of a microscope, some internal anatomy. This requires working on each piece over several seasons, and often having to wait a year or more for a plant to produce a structure I want to include. For example, I needed to wait for the bleeding heart (*Dicentra eximia*) to emerge in spring so I could complete the flower stem, and for the green dragon (*Arisaema dracontium*) to flower so I could dissect it and show the internal flower structure. I have made some degree of progress on all 11 of the plants I am portraying but am glad I have a few more seasons to gather all the information I want.

What is a Florilegium?

A florilegium is a collection of artworks that serve as a permanent record of plants in a specific garden or geographic area. It doesn't include each specimen growing in an area but is made up of the key plants that best represent the plant community. Another way to say it? A florilegium depicts plants that make up the unique botanical significance, or the "essence," of the garden.



Carol's work: dwarf fothergilla
(*Fothergilla gardenii*)



Debby's work: sweet bay magnolia
(*Magnolia virginiana*)



Susan's work (clockwise):
Green dragon (*Arisaema dracontium*)
Red trillium (*Trillium erectum*)
Bleeding heart (*Dicentra eximia*)

Programs at a Glance

● GARDENING & NATURE
● WELLNESS
● ART & PHOTOGRAPHY

● SPECIAL EVENT
● THIRD THURSDAY LECTURE
● YOUTH PROGRAM

6/24	Expressions of Light by Ardyth Sobyak (6/24 – 9/24) 9:00 AM – 4:00 PM	7/19	Sunset Sketching Series (7/19 – 8/9) 4-WEEK SERIES 7:00 – 8:30 PM	8/9	Golf Cart Garden Tour 11:00 – 11:45 AM
7/1	Arbo-READ-um Kick-Off ALL DAY	7/20	Strangers in the Night: Moth Ecology and Conservation 7:00 – 8:30 PM	8/10	Critters in the Garden (Ages 2+) 10:00 – 10:45 AM
7/5	Wednesday Walkabout 10:00 – 11:00 AM Golf Cart Garden Tour 11:00 – 11:45 AM	7/22	Delaware Valley Iris Society: Iris Rhizome Sale 10:00 AM – 1:00 PM	8/15	Sidewalk Chalk Walk (All Ages) 9:30 AM – 12:00 PM Summer Storytime (All Ages) 10:00 – 10:30 AM
7/10	Monday Mindful Yoga (7/10 – 8/14) 6-WEEK SERIES 6:00 – 7:15 PM	7/25	Sidewalk Chalk Walk (All Ages) 9:30 AM – 12:00 PM Summer Storytime (All Ages) 10:00 – 10:30 AM	8/16	Discover Tai Chi 9:30 – 10:30 AM Wednesday Walkabout 10:00 – 11:00 AM Golf Cart Garden Tour 11:00 – 11:45 AM
7/11	Sidewalk Chalk Walk (All Ages) 9:30 AM – 12:00 PM Summer Storytime (All Ages) 10:00 – 10:30 AM	7/26	Wednesday Walkabout 10:00 – 11:00 AM Golf Cart Garden Tour 11:00 – 11:45 AM	8/17	Cultivating Soil Health 7:00 – 8:30 PM
7/12	Meditation in Motion 9:30 – 10:30 AM Wednesday Walkabout 10:00 – 11:00 AM Golf Cart Garden Tour 11:00 – 11:45 AM	7/27	Critters in the Garden (Ages 2+) 10:00 – 10:45 AM	8/23	Wednesday Walkabout 10:00 – 11:00 AM Golf Cart Garden Tour 11:00 – 11:45 AM
7/13	Thursday Mindful Yoga (7/13 – 8/17) 6-WEEK SERIES 9:30 – 10:45 AM	7/29	Learn Your Plants! (Ages 5+) 10:00 – 11:00 AM	8/30	Wednesday Walkabout 10:00 – 11:00 AM Golf Cart Garden Tour 11:00 – 11:45 AM
7/18	Sidewalk Chalk Walk (All Ages) 9:30 AM – 12:00 PM Arbo-READ-um Summer Storytime (All Ages) 10:00 – 10:30 AM Arbo-READ-um Author Event 11:30 AM – 12:30 PM	8/1	Sidewalk Chalk Walk (All Ages) 9:30 AM – 12:00 PM Summer Storytime (All Ages) 10:00 – 11:00 AM	9/6	Golf Cart Garden Tour 11:00 – 11:45 AM Wednesday Walkabout 1:00 – 2:00 PM
7/19	Discover Tai Chi 9:30 – 10:30 AM Wednesday Walkabout 10:00 – 11:00 AM Golf Cart Garden Tour 11:00 – 11:45 AM	8/2	Wednesday Walkabout 10:00 – 11:00 AM Golf Cart Garden Tour 11:00 – 11:45 AM	9/9	Bat Walk (Ages 4+) 6:15 – 7:15 PM
		8/3	Critters in the Garden (Ages 2+) 10:00 – 10:45 AM	9/11	Children's Yoga at the Garden (9/11 – 10/9, no class 9/25) 4-WEEK SERIES AGES 2 – 5 9:30 – 10:15 AM Monday Mindful Yoga (9/11 – 10/2) 4-WEEK SERIES 6:00 – 7:15 PM
		8/8	Sidewalk Chalk Walk (All Ages) 9:30 AM – 12:00 PM Summer Storytime (All Ages) 10:00 – 10:30 AM	9/12	Jenkins Juniors (9/12 – 10/10) 5-WEEK SERIES AGES 2 – 4 10:00 – 11:00 AM
		8/9	Meditation in Motion 9:30 – 10:30 AM Wednesday Walkabout 10:00 – 11:00 AM		

9/13	Meditation in Motion 9:30 – 10:30 AM Golf Cart Garden Tour 11:00 – 11:45 AM Wednesday Walkabout 1:00 – 2:00 PM	10/2	Botanical Observations: Designing a Sketchbook of Autumn Subjects (10/2 – 10/30) 5-WEEK VIRTUAL SERIES 6:30 – 8:30 PM	11/5	Hamilton Educational Fellowship Symposium 2:00 – 3:30 PM
9/14	Thursday Mindful Yoga (9/14 – 10/5) 4-WEEK SERIES 9:30 – 10:45 AM	10/4	Golf Cart Garden Tour 11:00 – 11:45 AM Wednesday Walkabout 1:00 – 2:00 PM	11/8	Golf Cart Garden Tour 11:00 – 11:45 AM Wednesday Walkabout 1:00 – 2:00 PM
9/16	Photo Walk 9:00 – 11:00 AM	10/9	Monday Mindful Yoga (10/9 – 11/13) 6-WEEK SERIES 6:00 – 7:15 PM	11/12	Views of the Forest Through the Lens of Music 2:30 – 3:30 PM
9/20	Tai Chi Series (9/20 – 10/25) 6-WEEK SERIES 9:30 – 10:30 AM Golf Cart Garden Tour 11:00 – 11:45 AM Wednesday Walkabout 1:00 – 2:00 PM	10/11	Golf Cart Garden Tour 11:00 – 11:45 AM Wednesday Walkabout 1:00 – 2:00 PM	11/15	Golf Cart Garden Tour 11:00 – 11:45 AM Wednesday Walkabout 1:00 – 2:00 PM
9/21	Flowers, Flies, and Fermentation: The Pollination Ecology of Pawpaw 7:00 – 8:30 PM	10/12	Thursday Mindful Yoga (10/12 – 11/16) 6-WEEK SERIES 9:30 – 10:45 AM	11/16	Thinking Like a Naturalist: Reclaiming the Art of Natural History 7:00 – 8:30 PM
9/23	From Drawing to Painting: Botanical Art as a Process 10:00 AM – 3:30 PM Woodland Waltz with Ballet 180 5:30 – 6:30 PM	10/14	Focus on Photo Composition 9:00 AM – 1:00 PM	11/18	Photo Walk 9:00 – 11:00 AM Autumn Harvest Centerpiece 10:00 – 11:30 AM
9/24	Gemstone Bracelets for Release & Relaxation 1:00 – 2:30 PM	10/15	Paint with Wine Pigments 3:00 – 5:00 PM	11/27	Monday Mindful Yoga (11/27 – 12/18) 4-WEEK SERIES 6:00 – 7:15 PM
9/27	Golf Cart Garden Tour 11:00 – 11:45 AM Wednesday Walkabout 1:00 – 2:00 PM Wings Over Water: Film & Panel Discussion 7:00 – 8:30 PM	10/16	Bird Walk 8:00 – 9:00 AM	11/30	Thursday Mindful Yoga (11/30 – 12/21) 4-WEEK SERIES 9:30 – 10:45 AM
9/30	Environmental Poster Show by Tyler School of Art and Architecture (9/30/23 – 1/7/24) 9:00 AM – 4:00 PM Learn Your Plants! (Ages 5+) 10:00 – 11:00 AM Seed Saving Workshop 10:00 – 11:30 AM	10/17	Jenkins Juniors (10/17 – 11/14) 5-WEEK SERIES AGES 2 – 4 10:00 – 11:00 AM	12/2	Holiday Greens Wreath Workshop 10:00 AM – 12:00 PM OR 1:00 – 3:00 PM
10/1	Opening Reception for Environmental Poster Show 2:00 – 4:00 PM	10/18	Golf Cart Garden Tour 11:00 – 11:45 AM Wednesday Walkabout 1:00 – 2:00 PM	12/8	Winter Luminary Nights 5:00 – 6:30 PM & 6:30 – 8:00 PM
		10/19	Cider: Pennsylvania's Once (& Future?) Favorite 7:00 – 8:30 PM	12/9	Winter Luminary Nights 5:00 – 6:30 PM & 6:30 – 8:00 PM
		10/21	Photo Walk 9:00 – 11:00 AM	12/10	Winter Luminary Nights 5:00 – 6:30 PM & 6:30 – 8:00 PM
		10/25	Golf Cart Garden Tour 11:00 – 11:45 AM Wednesday Walkabout 1:00 – 2:00 PM	12/21	How Animals Overwinter 7:00 – 8:30 PM
		11/1	Golf Cart Garden Tour 11:00 – 11:45 AM Wednesday Walkabout 1:00 – 2:00 PM		



To register for programs + events
and for more info, visit
JAGardens.eventbrite.com

SPECIAL EVENTS

Art Exhibitions

Jenkins Arboretum & Gardens displays several exhibitions of artwork each year in the John J. Willaman Education Center. Our goal is to complement the natural beauty of the gardens and offer a platform to celebrate the work of regional artists.

GALLERY OPEN DAILY 9:00 AM – 4:00 PM

JUNE 24 – SEPTEMBER 24

Expressions of Light

by Ardyth Sobyak

OPENING RECEPTION: SUNDAY, JUNE 25

2:00 – 4:00 PM

Free of charge | All are welcome | Registration not required

SEPTEMBER 30 – JANUARY 7, 2024

Environmental Poster Show

by Students from the Department of Graphic and Interactive Design, Tyler School of Art and Architecture, Temple University

OPENING RECEPTION: SUNDAY, OCTOBER 1

2:00 – 4:00 PM

Free of charge | All are welcome | Registration not required

Community Partner Events

SATURDAY, JULY 22

Delaware Valley Iris Society: Iris Rhizome Sale

10:00 AM – 1:00 PM

Pre-ordering (July 1–10) is encouraged but there will be plenty of opportunities for walk-in customers.

Visit dvis-ais.org for more information and to pre-order.

Free of charge

SATURDAY, SEPTEMBER 23

Woodland Waltz with Ballet 180

5:30 – 6:30 PM

Join us for an evening of dancing at dusk! Ballet 180's Student Company will perform dance vignettes with an inspiring woodland backdrop.

Free of charge

2023 Arbo-READ-um Events

Join Tredyffrin Public Library and Jenkins Arboretum & Gardens for our 3rd annual Arbo-READ-um Community Read Events. During Arbo-READ-um, we provide opportunities to promote literacy and community conversations in Tredyffrin Township.

July 1 through August 18, join us in reading *Love, Nature, Magic: Shamanic Journeys into the Heart of My Garden* by Maria Rodale.

SATURDAY, JULY 1

Arbo-READ-um Kick-Off

Begin logging your reading journey of *Love, Nature, Magic*. Register on Tredyffrin Public Library's Beanstack to enter to win a prize pack featuring reusable and garden-related goodies, as well as a signed copy of the book. A winner will be selected on Friday, August 18.

Free of charge | Location: Virtual via Beanstack

TUESDAY, JULY 18

Summer Storytime with Mrs. Peanuckle

10:00 – 10:30 AM

Did you know that Maria Rodale also secretly writes children's books? Secret, no more! Enjoy a nature-themed read aloud with Maria Rodale (aka Mrs. Peanuckle) and a librarian from Tredyffrin Public Library. A book signing will be held at the end of the event. Books will be available for purchase.

All ages welcome; most suitable for ages 2–5. Children must be accompanied by an adult.

Free of charge | Location: Jenkins Arboretum & Gardens

TUESDAY, JULY 18

Love, Nature, Magic Author Event

11:30 AM – 12:30 PM

Join us for a reading of *Love, Nature, Magic* and Q&A conversation with bestselling author, activist, and garden expert Maria Rodale. Light refreshments and a book signing will be held at the end of the event. Books will be available for purchase.

Free of charge | Location: Jenkins Arboretum & Gardens

THURSDAY, AUGUST 17

Cultivating Soil Health with Mark Highland

7:00 – 8:30 PM

Discover another often-misunderstood part of nature—soil! See page 18 for program description.

Free of charge | Location: Virtual via Zoom

WEDNESDAY, SEPTEMBER 27

Wings Over Water: A Film Screening and Panel Discussion

7:00 – 8:30 PM

Wings Over Water shares the epic journey of three migratory birds and their reliance on the wetland ecosystems of middle America. Extraordinary footage of the sandhill crane, yellow warbler, and mallard duck will capture your heart as you discover their fascinating behaviors and gain a deeper understanding of the conservation challenges they must navigate to survive.

A panel discussion on the topic of clean water and the importance of native plants in maintaining watershed health will follow the film, as we turn to the health of our own Delaware River Watershed.

Presented by Jenkins Arboretum & Gardens, Audubon Mid-Atlantic / John James Audubon Center, and The Colonial Theatre.

Members: \$10 | Non-Members: \$15

Location: The Colonial Theatre

SUNDAY, NOVEMBER 5

Hamilton Educational Fellowship Symposium

2:00 – 3:30 PM

Current and former Jenkins Hamilton Educational Fellows

The Hamilton Educational Fellowship provides an immersive learning experience in the unparalleled setting of Jenkins Arboretum & Gardens. Join us to explore this well-respected program and discover more about the specialized projects of the current Fellows. Hear from a former Fellow about their journey and how the skills and knowledge acquired during the program benefited them on their career path. There will be time at the end for a panel Q&A.

Free of charge | Virtual event

SUNDAY, NOVEMBER 12

Views of the Forest Through the Lens of Music

2:30 – 3:30 PM

Musicians: Alexey Alexandrov and Ekaterina Skliar

This unusual duo of mandolin and domra will perform an eclectic program of their transcriptions and arrangements. Explore folk, classical, and contemporary repertoire with the visual delight of the forest. This concert is a collaboration between Jenkins Arboretum & Gardens and Allegro Music Consultants.

Members: \$25 | Non-Members: \$30



Special Event

Winter Luminary Nights

FRIDAY, DECEMBER 8 – SUNDAY, DECEMBER 10
5:00 – 6:30 PM & 6:30 – 8:00 PM

As the days grow shorter, we invite you to join us at Jenkins for an evening celebration of winter light. The Arboretum will be aglow with luminary-lined paths and the warmth of friends and neighbors. A family-friendly event, not to be missed! More event information to come.

GARDENING & NATURE

WEDNESDAYS, JULY 5 – NOVEMBER 15

Wednesday Walkabouts

7/5 – 8/30 | 10:00 – 11:00 AM

9/6 – 11/15 | 1:00 – 2:00 PM

Jenkins Arboretum & Gardens Staff

Join us on Wednesdays this summer and fall for walking tours through our glorious gardens. Each week will have a different focus depending on the staff leader and the seasonal landscape. Topics could include Jenkins' history, summer wildflowers, pollinators, native trees, fall foliage, and much more. Get outside and discover Jenkins with us!

Large groups are requested to schedule private guided tours at other times (contact tours@jenkinsarboretum.org).

Free of charge

WEDNESDAYS, JULY 5 – NOVEMBER 15

Golf Cart Garden Tours

11:00 – 11:45 AM

Jenkins Arboretum & Gardens Staff

Explore Jenkins in a new way! Golf cart tours are a great option for those who are not able to enjoy the beauty of the gardens due to the sloping terrain. This guided tour will feature seasonal garden highlights, a behind-the-scenes visit to the apiary and research nursery, and history of the property, including a drive-by view of the Jenkins and Browning Houses.

Tour topics and route will be the same each week. Limited spots available—only 5 people per tour.

Free of charge

MONDAY, OCTOBER 16

Bird Walk

8:00 – 9:00 AM

*Bonnie Witmer, Birder and Visitor Services Associate,
Jenkins Arboretum & Gardens*

Go birding with Bonnie! Enjoy early access to Jenkins during fall migration. Explore various habitats including woodland, pond edge, and stream-side paths. Discover the GISS method to identify our feathered friends by recognizing the general impression, size, and shape of birds. Participants will learn to use their eyes, ears, and binoculars to find birds and other wildlife.

Bring binoculars if you have them. Dress for the weather and wear comfortable shoes with good traction. Rain or shine.

Free of charge

THIRD THURSDAY LECTURES

THURSDAY, JULY 20

Strangers in the Night: Moth Ecology and Conservation

7:00 – 8:30 PM

*Elena Tartaglia, Ph.D., Professor of Biology,
Bergen Community College*

Explore the essential roles moths play in ecosystems as pollinators, links in food webs, and decomposers, as well as their importance to humans. Learn about conservation threats to moths and other insects in urban environments and how to attract them for close observation. Elena Tartaglia is also a co-founder of National Moth Week and will introduce you to this global-scale community science project celebrating the importance and beauty of moths and other nocturnal biodiversity.

Free of charge | Virtual event

THURSDAY, AUGUST 17

Cultivating Soil Health

7:00 – 8:30 PM

Mark Highland, President, The Organic Mechanics Soil Company

Soils are the foundation of every garden, but knowing how to care for optimum soil health can be misunderstood. Join The Organic Mechanic, Mark Highland, for a discussion on how to cultivate soil health, restore soil vitality, and encourage microbial populations that provide ecosystem services. Participants will learn easy-to-implement soil care that maximizes ecosystem benefits and plant health for gardens of all sizes.

Free of charge | Virtual event

THURSDAY, SEPTEMBER 21

Flowers, Flies, and Fermentation: The Pollination Ecology of Pawpaw

7:00 – 8:30 PM

Kate Goodrich, Ph.D., Professor of Biology, Widener University

The pawpaw (*Asimina triloba*) is a fascinating local tree that produces the largest native fruits in North America. Pawpaw was widely known and consumed by indigenous people and early colonists, but it is less well-known today. Biologist Kate Goodrich will share her recent research on the pollination strategy of this tree, and the fly species responsible for pollination—and fruit set—of pawpaw. She'll also share some of the historical and current-day cultural significance of this charismatic tree.

Free of charge | Virtual event

Gardening & Nature

Seed Saving Workshop

SATURDAY, SEPTEMBER 30
10:00 – 11:30 AM

*Helen Standen, Nursery & Greenhouse Manager,
Jenkins Arboretum & Gardens*

Have you always wanted to save seeds from your own garden, but you're not sure where to start? Join us to learn how to tell when seed is viable, mature, and ready to be collected. With an indoor presentation followed by hands-on practice, put your new knowledge to the test by cleaning a variety of seeds and preparing them for storage. Techniques taught will focus mainly on native perennials, but the skills are transferable to many other plant species. Participants will take home the seeds that they clean.

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



THURSDAY, OCTOBER 19

Cider: Pennsylvania's Once (& Future?) Favorite

7:00 – 8:30 PM

*Mark A. Turdo, Cidermaker, Cider Historian,
and Author of the Pommel Cyder blog*

Cider was once the most important beverage in America, but our relationship to it has been interrupted. Touching on everything from William Penn to Prohibition, this overview by Mark A. Turdo looks at how cider was historically made, its presence and importance in Pennsylvania, and where it's heading today. Explore early horticulture, economics, foodways, and politics through the lens of cider.

Free of charge | Virtual event

THURSDAY, NOVEMBER 16

Thinking Like a Naturalist: Reclaiming the Art of Natural History

7:00 – 8:30 PM

*John Muir Laws, Author, Naturalist,
and Founder of the Wild Wonder Foundation*

Did you know that your power of observation is not a static trait but a skill you can develop? How can you get more out of every nature ramble? Developments in neuropsychology have increased our understanding of the brain and how you can train yourself to see more and be more curious. John Muir Laws will share how to dramatically increase your memory, heighten your curiosity, and give you a framework for exploring mysteries in nature.

Free of charge | Virtual event

THURSDAY, DECEMBER 21

How Animals Overwinter

7:00 – 8:30 PM

Leah Brooks, Public Programs Assistant, Mt. Cuba Center

Unlock the secrets of frogs that freeze, mammals that hunker in hollows, butterflies that bunk under bark, and much more! Join Leah Brooks as she explores the strategies and adaptations that native animals use to survive the winter. Discover how you can easily create overwintering habitat in your landscape to provide a lifeline for local wildlife.

Free of charge | Virtual event

ART & PHOTOGRAPHY

WEDNESDAYS, JULY 19 – AUGUST 9

Sunset Sketching Series

7:00 – 8:30 PM

4-week series

Nicola Loughlin, Owner and Artist, Entwined-Action

There's something special about being in nature and capturing its beauty on paper. As the sun begins to set at Jenkins, join artist Nicola Loughlin to learn how to sketch freely, capture light, improve your observation skills, and enhance your creativity! This sunset series offers a fun and supportive environment to develop your skills and connect with fellow art enthusiasts.

All materials included. Suitable for beginning and experienced artists. No experience necessary.

Members: \$125/series | Non-Members: \$140/series

**SATURDAYS, SEPTEMBER 16, OCTOBER 21,
NOVEMBER 18**

Photo Walks

9:00 – 11:00 AM

Laura Ducceschi, Fine Art Photographer

Capture the season! An award-winning photographer will be your mentor and guide for these monthly small group sessions. Stroll the gardens and photograph what inspires you while learning various compositional and technical options on the spot.

Participants will need to bring a camera, a fully charged battery, and a camera card with space to shoot freely. Photographers with any kind of camera can benefit, but DSLRs are recommended.

Rain dates: Third Sundays, 9/17, 10/22, and 11/19.

Members: \$20/walk | Non-Members: \$30/walk

SATURDAY, SEPTEMBER 23

From Drawing to Painting: Botanical Art as a Process

10:00 AM – 3:30 PM

Margaret Saylor, Botanical Artist and Illustrator

Create botanical art in guided steps with Margaret Saylor. Capture a botanical subject in a simple line drawing; then transfer it to watercolor paper and create a painting. Learn how to correct a drawing and select watercolors to build a palette, and explore painting techniques that suit your style and subject.

All levels welcome; some drawing experience helpful but not necessary. A recommended materials list is available for review prior to registration. Bring your lunch.

Members: \$100 | Non-Members: \$115

SUNDAY, SEPTEMBER 24

Gemstone Bracelets for Release & Relaxation

1:00 – 2:30 PM

Jessica O'Connell, Owner, Beads of a Feather

With the changing of seasons, we are reminded of the importance of transition and the restoration that can be found in all phases. Together we will take time to soak into the present, aiding to release what is no longer needed in order to grow and move forward. After brief education and guided meditation, connect with a cosmic collection of all-natural gemstones that encourage release, relaxation, and so much more!

All materials included. Participants will create one bracelet. Suitable for adults and teens.

Members: \$40 | Non-Members: \$50

MONDAYS, OCTOBER 2 – 30

Botanical Observations: Designing a Sketchbook of Autumn Subjects

6:30 – 8:30 PM

5-week virtual series

Margaret Saylor, Botanical Artist and Illustrator

Let's take a closer look at some of the wonderful natural elements that make up our autumn outdoor world! Join Margaret Saylor virtually to draw (or paint) a new family of specimens each week as you create your sketchbook pages. Not only will you learn about that week's botanical theme, but you'll see how these subjects fit into the broader realm of contemporary botanical art. Work in graphite, Micron pen, and/or watercolor.

All levels welcome; some drawing experience helpful but not necessary. A recommended materials list is available for review prior to registration.

Members: \$150/series | Non-Members: \$165/series

SATURDAY, OCTOBER 14

Focus on Photo Composition

9:00 AM – 1:00 PM

Laura Ducceschi, Fine Art Photographer

The tools of composition are powerful ways to create more interesting, dynamic photographs. Beyond technical settings, the decisions of subject placement, light, line, and point of view will lead the viewer's eye to what is important to you, the artist. Join us to learn how to turn your next click into a powerful photograph! After brief indoor instruction, head outside to create photographs along the garden paths at Jenkins, reconvening for supportive sharing.

Participants will need to bring a camera, a fully charged battery, and a camera card with space to shoot freely. Photographers with any kind of camera can benefit, but DSLRs are recommended.

Members: \$50 | Non-Members: \$60

SATURDAY, NOVEMBER 18

Autumn Harvest Centerpiece

10:00 – 11:30 AM

Jenkins Arboretum & Gardens Staff

Add some autumnal flair to your table just in time for Thanksgiving! Join us for a hands-on workshop to create your own seasonal masterpiece. Play with the colors and textures of autumn as you arrange your centerpiece with flowers, foliage, and dried elements.

All materials included. You will go home with one beautiful arrangement for your Thanksgiving table.

Members: \$45 | Non-Members: \$55

SATURDAY, DECEMBER 2

Holiday Greens Wreath Workshop

10:00 AM – 12:00 PM OR 1:00 – 3:00 PM

Jenkins Arboretum & Gardens Staff

Add some creative natural beauty to your holidays by making your own festive wreath. Jenkins staff will guide you through the process of creating a wreath using fresh greens from our gardens. Gain inspiration from our massive holiday wreath, which will be on display.

All materials included including a wreath frame, greens, natural accents, and ribbon.

Members: \$50 | Non-Members: \$60

Art & Photography

Paint with Wine Pigments



SUNDAY, OCTOBER 15

3:00 – 5:00 PM

Nicola Loughlin, Owner and Artist, Entwined-Action

Explore the wonderful things you can do with wine! Learn to paint using carefully crafted wine pigments instead of paint. Discover how to blend, create washes, and build techniques in this unique art workshop. Working on cold pressed watercolor paper, create a selection of contemporary art pieces using wine pigments with the guidance of a professional artist.

All art materials and a complimentary glass of wine (for ages 21+) are included. Suitable for beginning and experienced artists. No experience necessary.

Members: \$50 | Non-Members: \$60

MONDAY & THURSDAY SERIES

Mindful Yoga

MONDAYS | 6:00 – 7:15 PM

6-week series: 7/10 – 8/14, 10/9 – 11/13

4-week series: 9/11 – 10/2, 11/27 – 12/18

THURSDAYS | 9:30 – 10:45 AM

6-week series: 7/13 – 8/17, 10/12 – 11/16

4-week series: 9/14 – 10/5, 11/30 – 12/21

Janet Muti, Yoga Instructor

In our busy and stressful lives, it is important to prioritize mental and physical wellbeing. Our Mindful Yoga practice will consist of gentle stretching and strengthening exercises done slowly with awareness of breath and sensations that arise as we move from pose to pose.

All levels welcome; modifications and variations will be offered. Participants must have yoga blocks and straps available to take advantage of the variety of modifications. The location of Mindful Yoga classes will be determined before the start of each series—virtual and/or indoor in-person options.

Members: \$72/6-week series, \$48/4-week series

Non-Members: \$102/6-week series, \$68/4-week series

WEDNESDAYS, JULY 12, AUGUST 9,
SEPTEMBER 13

Meditation in Motion

9:30 – 10:30 AM

Aimée Alegría Barry, Centaur Tai Chi

Meditation in Motion workshops incorporate elements of Qi Gong and Tai Chi walking to help us balance the active and passive, the yielding and wielding parts of ourselves. Slow down and move with your body, mind, and breath to develop a sense of calmness and well-being.

All levels welcome. Classes will be held outdoors with an indoor option available for inclement weather.

Members: \$12/class | Non-Members: \$18/class

WEDNESDAYS, JULY 19 & AUGUST 16

Discover Tai Chi

9:30 – 10:30 AM

Aimée Alegría Barry, Centaur Tai Chi

Join us for an introduction to the ancient practice of Tai Chi. Tai Chi is a soft-style martial art and is composed of slow, deliberate movements, meditation, and deep breathing to enhance physical health and emotional well-being. The beauty of Jenkins will create an inspirational backdrop to practice and work on the form.

All levels welcome. Classes will be held outdoors with an indoor option available for inclement weather.

Members: \$12/class | Non-Members: \$18/class

WEDNESDAYS, SEPTEMBER 20 – OCTOBER 25

Tai Chi Series

9:30 – 10:30 AM

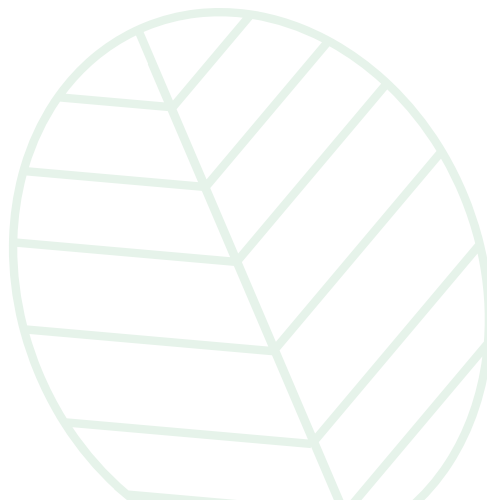
6-week series

Aimée Alegría Barry, Centaur Tai Chi

Tai Chi, a series of postures done slowly, promotes balance, flexibility, and strength. Learn the Tai Chi form, as well as the yin and yang principles that underlie this martial art. Tai Chi is known as a soft martial art because it emphasizes a calm mind and relaxed body. The beauty of Jenkins will create a peaceful backdrop for your practice.

All levels welcome. Classes will be held outdoors with an indoor option available for inclement weather.

Members: \$72/series | Non-Members: \$102/series





Youth Programs

Learn Your Plants! (Ages 5+)

SATURDAYS, JULY 29 & SEPTEMBER 30
10:00 – 11:00 AM

*Olivia Kirkpatrick, Landscape Designer,
GreenWeaver Landscapes*

Have you ever wondered what types of plants grow in your backyard or at Jenkins? Come be a nature detective and notice similarities, differences, shapes, and colors in the natural world around us. Learn tips and tricks to identify common native plants. Bring your curiosity and observation skills!

Suitable for ages 5 and up. Classes will take place outdoors. Children must be accompanied by an adult. Registration required for children only.

Members: \$10/class | Non-Members: \$15/class

YOUTH PROGRAMS

TUESDAYS, JULY 11, 18, 25, AUGUST 1, 8, 15

Sidewalk Chalk Walks (All Ages)

9:30 AM – 12:00 PM

Jenkins Arboretum & Gardens Staff

Draw your way through Jenkins! Use sidewalk chalk to create beautiful nature-related art from the John J. Willaman Education Center down the main path through the garden. Don't miss these special mornings of family fun and endless doodling.

All ages welcome. Chalk will be provided—just bring your creativity! Please check in before starting. Children must be accompanied by an adult. Shine only.

Free of charge

TUESDAYS, JULY 11, 18, 25, AUGUST 1, 8, 15

Summer Storytime (All Ages)

10:00 – 10:30 AM

Jenkins Arboretum & Gardens Staff

Join us for a nature-themed read aloud in Jenkins' very own secret garden—the Explorer Garden! Enjoy a morning out and learn something new while listening to engaging stories.

Special Storytime on 7/18 with Maria Rodale, author of the Mrs. Peanuckle series. See page 16 for more info.

All ages welcome; most suitable for ages 3–6. Children must be accompanied by an adult. Rain or shine, indoor space for inclement weather.

Free of charge

THURSDAYS, JULY 27, AUGUST 3, AUGUST 10

Critters in the Garden: Birds, Bees, and Butterflies (Ages 2+)

10:00 – 10:45 AM

Jenkins Arboretum & Gardens Staff

Get to know some of the critters that live in our garden! Birds, bees, and butterflies are not only beautiful, but they are also important to the overall health of the Arboretum. Enjoy our glorious gardens with a guided nature walk and outdoor activities as we discover the winged wildlife in our world.

Suitable for ages 2 and up. Children must be walking (no strollers) and must be accompanied by an adult. Registration required for children only. Shine only.

Members: \$5/class | Non-Members: \$10/class

SATURDAY, SEPTEMBER 9

Bat Walk (Ages 4+)

6:15 – 7:15 PM

Bernard Brown, Naturalist and Author of Exploring Philly Nature

Join us to discover the winged wonders, insect-eating machines, and ecosystem stars—bats! Explore Jenkins after sunset to look for the bats who live here. We'll use a bat detector to listen to echolocation calls and try to identify the bats from sound. This will be a "wait and watch" walk so bring your curiosity and patience in nature. Bring a flashlight. Wear sturdy footwear.

Suitable for ages 4 and up. Children must be accompanied by an adult. Registration required for children only.

Members: \$10 | Non-Members: \$15

MONDAYS, 4-WEEK SERIES

Children's Yoga at the Garden (Ages 2–5)

9/11 – 10/9 | 9:30 – 10:15 AM (NO CLASS 9/25)

Lisa Schwarcz, Yoga Instructor and Pediatric Physical Therapist

Introduce your little one to yoga and its many benefits. We will use stories, imagination, props, and music to engage the children in moving their bodies, exploring their breath, and calming their minds.

Suitable for ages 2–5. Child-sized yoga mats will be provided. Adults must accompany their children and are encouraged to bring a yoga mat and participate during the classes. Registration required for children only. Rain or shine, indoor space for inclement weather.

Members: \$48/series | Non-Members: \$56/series

TUESDAYS, 5-WEEK SERIES

Jenkins Juniors (Ages 2–4)

9/12 – 10/10 | 10:00 – 11:00 AM

10/17 – 11/14 | 10:00 – 11:00 AM

Amy Mawby, Education Manager, Jenkins Arboretum & Gardens

Let's go exploring—get your little ones outside this fall! Each class will include a story, scenic strolls, and a creative craft. Our activities will encourage children to embrace their sense of wonder, and adults to rekindle theirs. Each week will have a different theme so join us for one or both series!

Suitable for ages 2–4. Children must be walking (no strollers) and must be accompanied by an adult. Registration required for children only. Rain or shine, indoor space for inclement weather.

Members: \$60/series | Non-Members: \$70/series

Program Registration

REGISTRATION IS REQUIRED FOR ALL PROGRAMS, UNLESS OTHERWISE NOTED.

Please visit JAGardens.eventbrite.com to register.

CAREGIVER REGISTRATION POLICY

Registration is free for a caregiver accompanying a program participant with a disability.

If you have program-related questions or to register for a caregiver, please contact us by emailing programs@jenkinsarboretum.org.

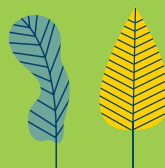


REGISTER ONLINE!

Scan this QR code with your phone's camera to visit our registration page.

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 right to cancel any program if necessary. In the case of cancellation by Jenkins, registration fees will be refunded.



The Life of a Leaf at Jenkins

ON A QUIET MORNING IN EARLY SPRING, THE FIRST LEAF OF A RED OAK (*QUERCUS RUBRA*) UNFURLS FOR THE SEASON. This leaf and its siblings get to work immediately, converting sunlight into food as the tree emerges from its winter sleep. There's a lot of work to be done, and quickly, if the tree is to begin its yearly growth cycle, sending out new shoots, leaves, and flowers for the growing season.

Under the oak tree, the Jenkins horticulture team and volunteers are busy mulching the garden beds with nutrient-rich oak leaves from last season. These decomposing leaves contain tannins believed to increase the acidity of the soil, perfect for the native plants in the gardens. Staff and volunteers are careful as they work, mindful of the delicate spring wildflowers like Virginia bluebells (*Mertensia virginica*) that have started to emerge. These ephemeral wildflowers are racing the oak tree, soaking in as much spring sun as they can before the oak leaves transform the garden into a shaded woodland.

Before long, the leaves of the oak tree grow to their final size, thickening with age and darkening in color as they shift their energy to making food for the tree. Many of the leaves become food themselves as hungry caterpillars chew their way through the canopy. Some of these caterpillars will become butterflies, moths, or even sawflies, but many are picked off by birds to feed their noisy nests of hatchlings. In this way, the oak tree and its inhabitants contribute to the greater habitat and form the foundation of life for the forest.

As spring fades to summer, the leaves of the oak tree provide shade and protection for plants and animals to retreat from the sun and predators. The staff and volunteers at Jenkins are grateful for the respite of this cool shade as they spread a layer of chopped leaves in the garden beds, protecting plants' roots from the hot, drying summer sun. These decomposing leaves continue to break down, holding moisture and adding nutrients to the soil as they do. These nutrients feed the oak tree as it draws large stores of energy to transform its flowers into acorns.

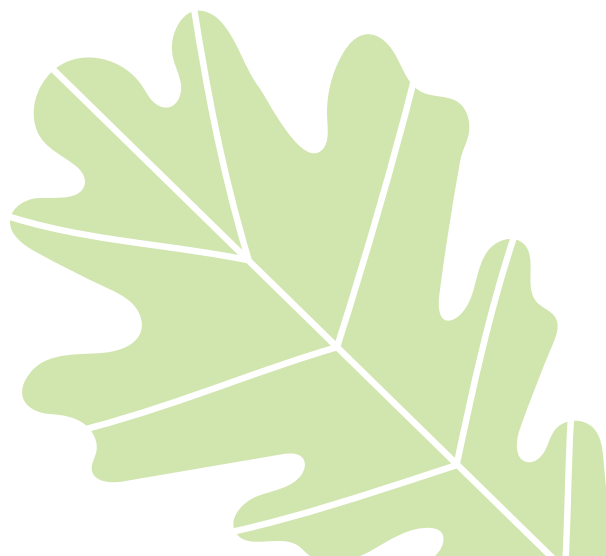
These acorns drop as summer dips into fall. The amount of sun continues to lessen, prompting the oak tree to send chemical signals to its leaves that it is time to prepare for winter. The leaves send stored carbohydrates into the tree for dormancy. Then the green photosynthetic molecule, chlorophyll, breaks down. In its absence, the other molecules change the leaf's color into a vibrant display of yellow, orange, and red.

As daylight decreases even further, the tree instructs its stems to disconnect their leaves. The leaves flutter and fall; the first red oak leaf of the season lands on the path and is gathered by staff and volunteers and brought

to their work area. Here, the oak leaf and many others like it are chopped and stored in bags for the winter.

The red oak will go into dormancy with a coat of freshly fallen leaves at its base, the latest annual layer of decomposing leaves to enrich the soil. As they decompose, the leaves provide overwintering habitat for native insects, including queen bumblebees, luna moths, and swallowtail chrysalises. Other leaves do not make it to the ground. Some, like those caught in azaleas, are removed by staff and volunteers before pest insects like sap-sucking mealybugs can claim shelter for the winter.

Sitting out in the winter sun, the leaves gathered into bags begin to break down, creating a warm, wet environment similar to what is happening deep in the leaf layers throughout the garden. In the spring, these leaves are returned to the garden as mulch around new plantings, or added after an area is weeded to prevent weeds from returning. The first red oak leaf of last season is used to edge a garden bed of spring ephemeral wildflowers as the ground thaws. Above, the buds on its parent tree swell, and the next generation of oak leaves unfurl.



Leaf Bingo

Red oak (<i>Quercus rubra</i>)	Green leaf	Shady spot under trees	Munching caterpillar	Listen for the rustling of leaves
Look up to the tree canopy above	Chestnut oak (<i>Quercus montana</i>)	Mushroom	Chopped leaf mulch	Squirrel nest in a tree
Leaf that is changing colors	Chipmunks gathering food	FREE SPACE	Pose like a tree	Oak leaf on the ground
Acorns	Leaf falling from a tree	Listen for birds	White oak (<i>Quercus alba</i>)	Brown leaf
Touch tree bark	Butterfly or moth	Sunny spot with no trees	Find an oak tree in your neighborhood	Black oak (<i>Quercus velutina</i>)

DID YOU KNOW?

1

Leave the leaves in your garden! They are important to both plants and animals.

2

Toads eat early emerging insects that lived in the leaf layer all winter long.

3

Certain types of birds like thrushes and robins look for soil-dwelling tasty treats under the leaf layer like beetles, grubs, and worms.

4

Cool, damp leaf matter is a great habitat for amphibians like salamanders.

5

Mice tunnel under the leaf layer to hide, live, and stay warm.

HOW TO PLAY

Cross off a box when you find an item or complete an action. Can you connect 5 squares in a row (up, down, across, or diagonally)? Show us what you find by tagging us @JAGardens on social media using the hashtag #JenkinsArboretum

JENKINS ARBORETUM & GARDENS

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