

Classes

FALL 2024 // REGISTRATION OPENS AUGUST 12, 2024

MORRIS
ARBORETUM
& GARDENS

Continuing Education

Birding

Culinary Adventures

Creative Expressions

Gardening in a Changing Climate

Health & Wellness

Horticulture & Design

...And So Much More!

SCHOOL OF ARBORICULTURE

CEUs for Professionals – page 36

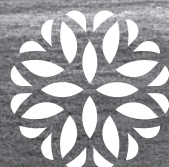
Look for courses with CEUs
throughout the catalog.



MORRIS ARBORETUM & GARDENS

The Morris Arboretum & Gardens of the University of Pennsylvania inspires an understanding of the relationship between plants, people, and place through education, research, and horticultural display.

As an irreplaceable public garden, the Morris provides a place of respite, beauty, and learning, where the joy and wonder of the natural world inspire all who visit to be enthusiastic ambassadors for plants. A vital part of one of the great research universities in the world, the Morris is renowned for its science aimed at understanding and conserving plants and ecosystems.



Morris Arboretum
& Gardens
UNIVERSITY of PENNSYLVANIA

at a glance

AUGUST

27	12:00 pm	Cooking with Chef Al Paris: Grilled Leg of Lamb	18
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SEPTEMBER

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23	10:30 am	Music is My Nature: Fall Tunes	22
23	5:15 pm	Yoga in the Garden	27
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25	10:00 am	Smarter Phone Photography	14
25	4:30 pm	Growing your Garden's Potential: Learn to Assess & Enhance Your Home Garden	31
26	8:00 am	Birding at Washington Crossing State Park	9
26	10:30 am	Tai Chi in the Garden	27
26	12:00 pm	Cooking with Chef Al Paris: Filet Mignon	18
27	10:00 am	Make a Harvest Wreath with Dried Flowers	12
27	1:00 pm	Green Light Plants Private Garden Visit: Permaculture & Pawpaws	6
28	10:00 am	Wild Foodies Foraging Walk with Lynn Landes and Ladi Danni	20
30	10:00 am	Drawing and Painting the Majesty of Trees	14
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OCTOBER

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1	5:30 pm	Botanical Mixology: Sunset Horticultural Happy Hour	20
2	10:30 am	Five Elements Qigong	28
3	4:00 pm	Pond-in-a-Pot	32
4	11:00 am	Paseo por la Naturaleza/Spanish Language Nature Walk	33
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5	10:00 am	Got Stress?	23
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11	7:00 am	Early Mornings at Morris: Healing and Horticulture	29



Classes with this symbol include Continuing Education Credits.

OCTOBER CONTINUED

12	10:30 am	Kimchi Party	21
13	1:00 pm	Wissahickon Plant & Tree Walk	12
15	8:00 am	Birding at Houston Meadow	10
15	11:00 am	Shofuso in the Fall: Exclusive Private Tour and Tea Tasting	34
15	5:30 pm	Moonlight Arboretum Wander	8
15	6:00 pm	Container Gardening with Native Plants	32
17	6:00 pm	Native Trees, Shrubs and Vines for a Warmer Future	4
18	1:00 pm	Make a Fused Glass Suncatcher	15
19	10:00 am	Color from Nature: Botanical Ink Workshop	15
19	12:00 pm	Cooking with Chef Al Paris: Vegetarian Cooking	18
21	9:00 am	Birds and a Boardwalk: A Morning at Dixon Meadow	35
23	10:30 am	Laurel Hill East Arboretum Tour	35
23	1:00 pm	Tree Support & Protective Systems	37
23	6:30 pm	Botanical Illustration—Autumn Observations	16
24	9:00 am	Birding at Norristown Farm Park	10
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25	10:00 am	Raptor Jawns	24
25	10:30 am	Xeriscape Gardening and Green Roof Tour	4
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29	6:00 pm	Dehydrating the Harvest	21
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NOVEMBER

1	8:30 am	Three Days of Birding at Chincoteague National Wildlife Refuge	11
2	10:00 am	Botanical Handprinted Holiday Cards	16
2	10:30 am	Cooking with Kimchi	21
2	1:00 pm	Introduction to the Art of Bonsai	33
3	10:00 am	Shinrin Yoku: Forest Bathing for Your Health	29
7	6:00 pm	Successful Stormwater Management at Home	5
8	10:00 am	Botanically Printed Luminaries	17
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9	1:00 pm	Growing Beautiful Dahlias	34
12	11:30 am	Private Tour of the Wagner Institute: Ancient Plants	35
12	9:00 am	Site Selection Process and Plant Selection Principals	38
14	9:00 am	Assessing Tree Decay with Sonic Tomography and Resistance Drills	39
16	12:00 pm	Cooking with Chef Al Paris: Ground Lamb	19
19	7:00 pm	England's Ancient Trees	39
20	10:00 am	Wissahickon Geology Walk	36
21	9:00 am	Specifying, Selecting and Planting High-Quality Trees	40
21	6:30 pm	An Evening of Storytelling with the Lenape Nation of PA	3

DECEMBER

6	10:00 am	Holiday Wreath-Making Workshop	17
6	1:00 pm	Holiday Wreath-Making Workshop	17
14	12:00 pm	Cooking with Chef Al Paris: Erdenheim Farm Ribeye	19

lectures

An Evening of
Storytelling with
the Lenape Nation of PA

CHIEF ADAM WATERBEAR DePAUL

Storykeeper and Director of Education of the Lenape Nation of Pennsylvania

In honor of Native American Heritage Month, you are invited to join the Morris Arboretum & Gardens and Woodmere Art Museum as we welcome Indigenous voices in an evening of storytelling with Chief Adam Waterbear DePaul, storykeeper of the Lenape Nation of Pennsylvania, along with other voices from the Lenape Nation of PA. We will hear stories of Lenape history, language, and culture, and will be treated to drumming and singing by the Stone Dog Drum. **This annual celebration of Lenape culture is a collaboration between Woodmere Art Museum, the Morris Arboretum & Gardens, and the Lenape Nation of Pennsylvania.** The program will take place at the Woodmere Art Museum, 9201 Germantown Ave., Philadelphia, PA 19118.

The Morris Arboretum Lecture Series is supported in part by the William Klein Lectureship Endowment, the Laura L. Barnes Horticultural Lecture Fund of The Philadelphia Foundation, and the Byron & Elizabeth Lukens Lecture Endowment.

Thursday, November 21

6:30 – 8:30 pm

Members: \$20

Non-Members: \$25

Gardening in a
Changing Climate

As temperatures fluctuate and weather patterns become less predictable, home gardeners and landscape professionals must adapt their practices to ensure the health and vitality of their plants and the sustainability of our landscapes. In this special programming series, participants will explore a variety of strategies and techniques for successful gardening amidst the challenges of a changing climate. Through a combination of interactive discussions, the presentation of successful case studies, and private garden site visits, participants will gain skills and confidence to navigate the complexities of gardening in an era of environmental uncertainty, while simultaneously fostering a deeper connection with the natural world and a commitment to sustainable stewardship.



Gardening in a Changing Climate
Native Trees, Shrubs and Vines for a Warmer Future

BILL CULLINA

*F. Otto Haas
Executive Director,
Morris Arboretum
& Gardens*



Native trees, shrubs and vines are not only beautiful and versatile—they are also cornerstones of local ecosystems, offering food and shelter for a host of birds, mammals, and insects. However, many of the native species we are familiar with are no longer good landscape choices as the climate changes. We must be proactive, promoting and planting species that will thrive in this new environment. In this online talk, Bill Cullina, the F. Otto Haas Executive Director of the Morris Arboretum & Gardens, will showcase beautiful southern natives that show great promise in the rapidly warming Northeast and Mid-Atlantic. A Zoom link will be sent to all participants in advance of the program.

Thursday, October 17 (ONLINE)
6:00 – 7:30 pm

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



Gardening in a Changing Climate
Xeriscape Gardening & Green Roof Tour

RYAN DRAKE

*McCausland Natural Areas Manager,
Morris Arboretum & Gardens*

Gardening with little or no irrigation can save time and water while still providing lush, floriferous gardens. Learn about xeriscaping—we will talk about green roofs, gravel gardens, sand gardens, and more. Ryan will discuss plant selection, techniques for dry gardening, examples of xeriscape landscapes and their wild ecology counterparts, and the class will end with a tour of the green rooftops at Morris Arboretum & Gardens' Bloomfield Farm. This class will meet in the Horticulture Center on the Bloomfield Farm side of the Morris Arboretum & Gardens, across the street from the main entrance to the Morris. **This class has been submitted for 1.5 LA CES CEUs for registered landscape architects.**

Friday, October 25
10:30 am – 12:00 pm

Members: \$30
Non-members: \$35

Gardening in a Changing Climate
Successful Stormwater Management at Home

JOHN MAJDIC

*Landscape Designer, GreenWeaver
Landscapes*

Join us for a program exploring practical strategies for managing stormwater on a residential scale. You'll learn a range of approaches, from straightforward measures like reducing turf areas to more advanced solutions such as incorporating planted bioswales. You will leave with an understanding of a variety of green infrastructure techniques that could be implemented on your own property.

We will explore plant selection and planting techniques and move through a number of successful case studies that illustrate the aesthetic and environmental benefits of sustainable stormwater management in residential settings.

John Majdic is a landscape designer with GreenWeaver Landscapes. His specialty is incorporating ethical stormwater management, native plantings, and habitat gardens into his plans in an artful manner that reflects the aesthetic desires of his clients along with their sense of environmental stewardship. **This class has been submitted for 1.5 LA CES CEUs for registered landscape architects.**

**Thursday,
November 7**
6:00 – 7:30 pm

Members: \$30
Non-members: \$35



Gardening in a Changing Climate
Edible Ecological Landscaping

RICHIE MITCHELL

Owner, Bear Creek Organics

Would you like to learn how to design, install, and manage your own ecological edible landscape? Join in for a presentation packed with ideas, examples, and explanations of how to work with edible fruits, nuts, berries, and native plants in your own yard.

Richie Mitchell will lead a presentation demonstrating over seven years of successful edible landscaping projects. He will review amazing examples of the abundance that is possible on all scales, from backyard landscapes to homesteads and small farms, and even school campuses. Diving into the details of how these projects were designed, installed, and managed, you, too, can learn how to apply the most important principles and strategies to your own projects. Learn plant-growing requirements, site considerations, land management and growing strategies. There will also be plants on display and passed around to demonstrate pruning techniques, growing habits, and spacing/planting.

Richie Mitchell is an ecological consultant and edible landscape designer. His company, Bear Creek Organics, is a full-service edible landscaping company, regenerative farm, and plant nursery located in White Haven, PA.

Saturday, October 5
10:30 am – 12:30 pm

Members: \$30
Non-members: \$35

GARDENING IN A CHANGING CLIMATE

Private Garden Tours

Green Light Plants Private Garden Visit

*Pawpaws and More: Native
and Permaculture Plants for
a Resilient Garden*

DALE HENDRICKS

*Founder, North Creek Nurseries; Owner,
Green Light Plants LLC*

Join us on a special site visit and tour of Dale Hendricks' home and the site of Green Light Plants in Landenberg, PA. Dale's home and plant nursery sit on a 12-acre piece of a formerly abandoned farm. Dale will take us on a tour of the land where we will see a variety of garden areas, lots of lovely woodland and prairie native plants, a small nursery area, and several food forest plantings that include walnuts, pawpaws, persimmon, and a plethora of other multi-functional trees. Dale will also talk and walk us through his work with habitat enhancement using both plantings and seed addition, also known as rewilding.

Dale is a former co-owner of North Creek Nurseries, a regionally renowned native landscape plug provider. He now owns a part-time nursery business, Green Light Plants, a small permaculture plant provider. We will meet at Dale's home in Landenberg; the address will be emailed to all registrants before the tour.

Friday, September 27

1:00 – 4:00 pm

Members: \$45

Non-members: \$50

Weatherwood Farm Visit

*Revitalizing a Piece of Bucks
County's Ecological Heritage*

DAVID HUGHES

*Landscape Architect Specializing in
Native Plants and Ecological Design*

Join us for a private guided tour of this 4-acre property. Purchased in 2014, this woodland area that was once overbrowsed by deer and overrun by invasive plants is now a thriving forest-floor community of native plants. The monoculture and ecologically unfriendly lawns have been replaced with native wildflower and warm-season grass meadows. Vernal pools and rain gardens have been created to be a nurturing wetland habitat. Hedgerows that had been degraded due to pests, diseases and overzealous clearing are being re-established as food and nesting sites for birds and insects. Listen to David Hughes give inspired information on healing our degraded landscape and reflect on beautiful native plant communities and the creatures that call it home.

David Hughes is a registered landscape architect and owner of Weatherwood Design LLC that specializes in native plant-based garden design, ecology, and indigenous habitat conservation. He has worked in the green industry for 34 years designing landscapes that focus on bringing back ecological functions to the site and its surrounding community. We will meet at David's home in Bucks County; the address will be emailed to all registrants before the tour.

Friday, October 4

1:00 – 4:00 pm

Members: \$45

Non-members: \$50

Good Host Plants Private Garden Visit

JOHN JANICK

*Owner, Good Host Plants Native
Plant Nursery*

In the native plant nursery that he runs out of his home in Mt. Airy, Philadelphia, John Janick works to promote biodiversity by growing straight-species native plants, indigenous to Philadelphia and the Mid-Atlantic region, using local-ecotype plants whenever possible to promote genetic variability and healthy ecosystems. Join us on-site at John's home and the site of his nursery and learn about how John turned a weedy property covered with invasives into the healthy woodland, aquatic habitat, and thriving native meadow we'll see together. John will show us his favorite plants for attracting pollinators and providing blooms throughout the growing season covering various site conditions. We will meet at John's home in Mt. Airy; the address will be emailed to all registrants before the tour.

Saturday, October 5

1:00 – 2:30 pm

Members: \$35

Non-members: \$40

“

There are many things I'd like to change in the world but feel powerless to do so. By planting native plants in your garden...you can make an immediate impact and you can bring about real change.”

JOHN JANICK

behind the scenes

Evening Wine, Cheese, and Trees

ELOISE GAYER

Rosarian, Morris Arboretum & Gardens

JASON LUBAR

*Associate Director of Urban Forestry,
Morris Arboretum & Gardens*

JEN MONICO

*Compton Horticulturist,
Morris Arboretum & Gardens*

RAJI MALIK, Musician

Join us for an after-hours wander into the treetops and through the Garden at your leisure. You'll be able to explore the treetops at *Out on a Limb* with Associate Director of Urban Forestry Jason Lubar; enjoy the Fernery after hours with Kyra Matin, plant propagator; and discover the Rose and Crescent gardens with Rosarian Eloise Gayer. Each site will feature wines and cheese plates to enjoy as you delight in these remarkable locations. Sites will be open from 5:30 – 7:30 pm; last arrival should be no later than 6:30 pm to allow time to visit each site.

Instrumental guitar by local musician Raji Malik will add to the treetop experience. This is an event not to be missed!

Wednesday, September 11

5:30 – 7:30 pm

Members: \$40

Non-members: \$45



Moonlight Discovery Walk

BOB GUTOWSKI
Former Director of Visitor Experience and Education, Morris Arboretum

Just before the October full moon—the Hunter’s Moon in old farmer’s almanacs—blooms in the sky, join us for an after-hours wander through the Garden. Discover tree silhouettes against the moonlight, listen to the sounds of the night, and maybe hear the hoot of an owl. Using red lights to keep our night vision intact, we’ll see what plant details emerge once the sunlight has faded. This special evening experience will be led by Bob Gutowski, an experienced horticulturist, naturalist, educator, and Morris historian. We will stick to level paths and start from the Welcome Center.

Tuesday, October 15
5:30 – 7:30 pm
Members: \$30
Non-members: \$35



“I am absolutely awed by everything in the gardens. I only wish I had known about it earlier. I’m just half an hour away and I want to take advantage of everything that I can in terms of programs.”

BEHIND THE SCENES COURSE PARTICIPANT, FALL 2023

Off the Beaten Path Mushroom Walk with the Philadelphia Mycology Club

SAM BUCCIARELLI
President of the Philadelphia Mycology Club

Join the Philadelphia Mycology Club on a walk around the Morris, looking for fungi growing behind the scenes of the main garden display! We will explore the grounds for fungi growing in the garden beds and amongst the trees and discuss how to document and identify them. We’ll also discuss the important roles these fungi might be playing in the overall health of the gardens.

Leading the tour is Sam Bucciarelli, president of the club. Sam is an educator with a passion for ecology, especially as it pertains to fungi and the role they play in helping our ecosystems thrive. Sam grew up in the New Jersey Pinelands but brought her passion for all things wild to Philadelphia in 2017 and has been sharing that passion with others ever since.

Saturday, October 26
10:30 am – 12:30 pm
Members: \$25
Non-members: \$30



Birding at Morris Wetland Wednesdays

SHARON MEEKER
Expert Birder and Trip Leader

Explore some of the best spots for fall birding at the Morris Arboretum & Gardens! We will visit the Morris’s natural areas including wetlands, meadows, and the woodlands along the Wissahickon Creek. These areas provide great habitat for a wide variety of birds year-round. We will see resident birds as well as migrating raptors, warblers, and sparrows. If time permits, we will also have a chance to look for birds in other Morris habitats. These sessions are for beginning and experienced bird watchers. Bring your binoculars. This class meets at the Morris Wetland. Park in the meadow next to the entrance kiosk and meet Sharon there. Sign up for one or multiple sessions!

Session 1:
Wednesday, September 18
8:00 – 10:30 am

Session 2:
Wednesday, October 9
8:00 – 10:30 am

Members: \$30
Non-members: \$35

Birding at Washington Crossing Historic Park

SHARON MEEKER
Expert Birder and Trip Leader

Washington Crossing Historic Park preserves the site of George Washington’s dramatic boat crossing of the Delaware River during the American Revolution and is a National Historic Landmark. Meet Sharon at the Visitors Center on the Pennsylvania side of this 500-acre riverside park. We will walk along the towpath looking for fall migrants, wood warblers and sparrows. Bring binoculars, a snack and water, and dress for the weather.

Thursday, September 26
8:00 – 11:00 am

Members: \$40
Non-members: \$45



“Sharon is an expert birder and instructor...She is a maestro in her field. So lucky to have her as a teacher at Morris.”

BIRDING CLASS
PARTICIPANT,
OCTOBER 2023

Birding at the John Heinz National Wildlife Refuge

SHARON MEEKER
Expert Birder and Trip Leader

We will spend the day exploring the John Heinz National Wildlife Refuge at Tinicum at the peak of fall migration. Despite its urban location, more than 300 species have been recorded in and around the refuge. We will see a variety of migrating birds, ducks, raptors, and resident birds. We may even see a bald eagle that has been nesting at the refuge. Walking is required. We will drive separately and meet Sharon at the John Heinz National Wildlife Refuge parking lot. Bring binoculars, a snack and water, and dress for the weather.

Tuesday, October 1
9:00 am – 12:00 pm
Members: \$45
Non-members: \$50

Birding at Houston Meadow, a Unique Bird Habitat

SHARON MEEKER
Expert Birder and Trip Leader

We will spend the morning exploring and discovering the diverse bird species of Houston Meadow, a great birding spot that is close to the Morris. Located in the Wissahickon section of Fairmount Park, Houston Meadow is a unique open meadow of almost 40 acres. This habitat type is rapidly disappearing in urban areas, and we are fortunate to have it nearby. The sloping meadow is filled with



grasses and wildflowers that provide great habitat for the almost 100 bird species that call the Wissahickon area home. Bring binoculars, a snack and water, and dress for the weather.

Tuesday, October 15
8:00 – 11:00 am
Members: \$40
Non-members: \$45

Birding at Norristown Farm Park

SHARON MEEKER
Expert Birder and Trip Leader

One of the most unique parks in the Pennsylvania state park system, the Norristown Farm Park is a working farm that has been in continuous use since colonial times. Located close to the Morris Arboretum & Gardens, just north of Norristown, the 690-acre park provides great habitat diversity for birds with more than 170 species recorded. We will focus on birding at the park's wetlands but will also visit other habitats including woods, agricultural fields, and the floodplain along a stream. Bring binoculars, a snack and water, and dress for the weather.

Thursday, October 24
9:00 am – 12:00 pm
Members: \$40
Non-members: \$45

Birding Weekend Getaway to Chincoteague, VA

SHARON MEEKER
Expert Birder and Trip Leader

Join us for a weekend of birding and exploration of this birding paradise! Because of its position on the Atlantic Flyway, Chincoteague National Wildlife Refuge, located on Virginia's Eastern Shore, is an ideal place for birds to rest, feed, nest, or winter. This makes the refuge a great place for bird watching year-round, and especially during fall migration.

We will begin our journey at Bombay Hook National Wildlife Refuge in Delaware and spend the morning birding the impoundments for southbound shorebirds including the American avocet and waterfowl. After lunch we will continue to Chincoteague, arriving in time for an evening walk and sunset, staying just outside the wildlife refuge.

We will visit the Assateague Lighthouse, and look for the world-famous wild horses, sika deer and the Delmarva fox squirrel. We will spend two days birding in this wonderful location and include time to enjoy a sunset birding cruise, and the Assateague Visitor Center.



We will meet at Bombay Hook at 8:30 am on Friday and end our journey and start heading home at noon on Sunday. Lodging is included in the trip price; meals, however, are not included. For more information and a detailed itinerary, email education@morrisarboretum.org

Friday, November 1 –
Sunday, November 3

Members: \$675
Non-members: \$725

(Fee INCLUDES two nights of lodging, all guided birding walks, and a sunset bird cruise)

Field Sketching Birds

JACK HOBE
Naturalist & Artist

Learn how to capture the birds around you using a sketchbook and pencil! Naturalist-artist Jack Hobe will teach you the basics of using quick and easy-to-learn drawing techniques to document your feathered friends in the fashion of the early ornithologists. The course will start with a short lecture covering foundational skills, such as capturing the bird's form with gesture sketching, drawing moving birds, and using written notes to augment your sketches. Jack will then lead an outdoor field sketching bird walk around the Morris so guests can test out their new skills. A short list of required materials will be sent via email. **No art experience needed**—all skill levels welcome! Please dress for the weather.

Saturday, November 9
10:00 am – 12:30 pm
Members: \$35
Non-members: \$40

botany

Wissahickon Plant & Tree Walk

ANDREW CONBOY

*Certified Arborist & Founder,
Colonial Canopy Trees*

From introduced exotics, to nursery remnants, to rare native species, there is a good diversity of plants within Wissahickon Valley Park. Andrew Conboy, urban forester and ISA-certified arborist, will lead a walk along Forbidden Drive to point out and discuss interesting trees, shrubs, and wildflowers along the way. He will teach how to identify these plants, discuss their ecological value, and point out various galls and other wildlife that can be found using these plants.

Sunday, October 13
1:00 – 3:00 pm

Members: \$30
Non-members: \$35



creative expressions

Make a Harvest Wreath with Dried Flowers

COURTNEY JEWELL

*Cut Flower Farmer; Owner,
Jewells in Bloom*

Get your front door ready for a festive fall! Come to Morris Arboretum & Gardens to make a colorful dried wreath to adorn your home and give all who enter a cheerful reminder of the enduring beauty of the growing season.

Courtney Jewell, owner of Jewells in Bloom, will walk you through making your own fall harvest wreath with flowers grown, harvested and dried from her farm in East Mt. Airy. From larkspur to sunflowers and zinnias to celosia, she has all the colors you need to make your wreath a beautiful reminder of the bounty of the season. A 16" dried grapevine wreath, dried flowers, glue/wire, and instruction are included. Bring yourself, a friend, and a creative mind! We offer two dates to choose from.

Saturday, September 14
10:00 am – 12:00 pm

Friday, September 27
10:00 am – 12:00 pm

Members: \$70
Non-members: \$75

Wildlife Photography Walks with Troy Bynum

TROY BYNUM

Wildlife Photographer, Avid Birder

Join us during fall migration season and practice your wildlife photography with a seasoned professional. In this series of walks



through the Morris Arboretum & Garden's Wetland, you will have the opportunity to practice the basics of digital wildlife photography and learn ways of applying manual setting adjustments in the field.

Instructor Troy Bynum is a naturalist and wildlife photographer located in the Philadelphia area. Learn more on Troy's photography page, TB Wildlife Photography on Facebook and Instagram. Bring your camera and wear shoes that are good for walking off-path. Join each class individually or sign up for all four in the series at a discount.

**Four Tuesdays: September 17, 24;
October 1, 8**
9:00 – 10:30 am

Single-class registration:
Members: \$40
Non-members: \$45

Full-series discount:
Members: \$150
Non-members: \$170



“

I would take this class again next year and most likely anything else offered by Mitch.”

**COURSE PARTICIPANT,
FALL 2023**

Watercolor in the Garden

MITCH ROBERGE

Horticulturist & Artist

Join us in the garden and learn the basics of watercolor in this 4-week seminar. During this course, you will complete one study per week, focusing on a different technique for capturing beauty in the natural world. Together, we will experiment with layering colors, creating texture, and building value as you find inspiration around the Morris Arboretum & Gardens.

This multi-session class will be held outside, with an inside space available in case of inclement weather. A materials list will be emailed to all participants in advance of the class. Mitch Roberge is a visual artist and Pennsylvania-certified horticulturist. He is inspired by the textures and colors found in nature, and most of his work features fauna and flora.

Four Fridays:
September 20, 27, October 4, 11
10:00 am – 1:00 pm

Members: \$145
Non-members: \$160

Smarter Phone Photography

SARAH CLAXTON
Photographer, Educator, Author

Everyone is a photographer with a smartphone! Want to be a better one? Learn some technological fundamentals, photographic tips, and develop a critical eye so you can take amazing pictures, no matter what kind of camera you have. No photography experience or special equipment is necessary—just your smartphone! In this workshop, you'll learn how to compose a great image using depth of field, quality of light, and composition tips and tricks. We'll discuss lighting and composition, particularly as it relates to landscape and environmental photography, using perspective and magic hour. Then we'll take a walk through the gardens to experiment with both instructor guidance and on our own. Open to all skill levels. Dress for the weather and bring your phone!



Sarah Claxton has worked in the photo industry for 25+ years as an editor for USA Weekend Magazine, commercial producer, photographer's agent and consultant, and, of course, as a photographer.

Wednesday, September 25
10:00 am – 12:00 pm

Members: \$40
Non-members: \$45

Drawing and Painting the Majesty of Trees

HENRY MARTIN
Artist and Art Teacher

Making art outdoors is a wonderful way to relax in the natural world, and this class in the beautiful gardens of the Morris Arboretum & Gardens provides a fun and nurturing environment in which to draw or paint some of the most beautiful trees in Philadelphia. We will explore several simple concepts designed to facilitate drawing and painting for beginners and accomplished artists alike, concentrating on the movement and growth of trees. We will discuss all aspects of the trees' anatomy, branch patterns, proportion, structure, sky holes and foliage masses, with the objective of arranging these visual components into a cohesive whole. Each artist can choose their own medium. A materials list will be emailed to all registrants before the class begins.

Four Mondays:
September 30; October 7, 14, 21
10:00 am – 1:00 pm

Members: \$145
Non-members: \$160

Weave a Foraging Basket

SARA ROBBINS
President, Philadelphia Guild of Handweavers

Whether you have ever woven a basket or not, this class is perfect for you! In this two-session class you will learn to weave a basket that is perfect for foraging wild edibles, mushrooms, or berries. Take it to

your favorite farmer's market or use it as a general-purpose tote! The bottom is semi open to let debris fall through and yet strong enough to hold veggies from the market. You will have the option of weaving color into your basket that has a black shaker tape strap. The basket measures 6" x 10" on the bottom, is 8.5" tall, and the top, which flares out a bit is 12" x 8".

Two Thursdays: October 10, 17
10:30 am – 1:30 pm

Members: \$135
Non-members: \$145

Make A Fused Glass Suncatcher

JESSICA LIDDELL
Owner, Bella Mosaic

Create a beautiful glass suncatcher to give as a gift or to add colorful light to a window in your own home! In this two-session workshop, students will learn techniques for working with fusible glass. Explore how to cut and layer different types of glass to create a unique piece to hang in your window. On the second session of the class, we'll use some simple wire-working techniques and add hooks and beads to our projects. Have fun, get creative, and make something special! Instructor Jessica Liddell has been teaching art to adults and children since 1995. She has exhibited her work nationally and has directed collaborative public arts projects in community centers, camps, and schools.

Two Fridays: October 18, 25
1:00 – 2:30 pm

Members: \$85
Non-members: \$95

Color from Nature Botanical Ink Workshop

NICOLE DUPREE
Educator, Natural Materials Artist, and Creative Producer of Indigo in Green

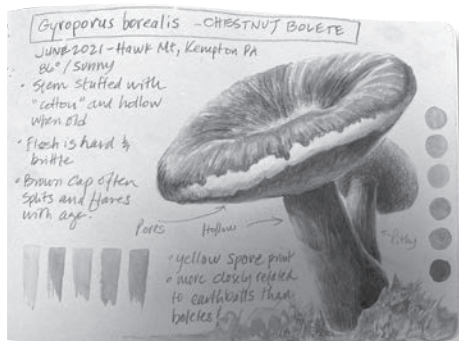
Explore the Morris and identify sources of color that can be used to make botanical inks from petals, leaves, drupes, and roots of the autumn season! After a plant walk, we will get to work making our own ink for drawing and fine writing, made from natural materials foraged in fall. Together we will bottle sensory experiences and connection with nature, then experiment with shifting the color of our own handcrafted ink to create a plant-based color palette for drawing, printmaking, and fine writing with dip pens and brushes. Participants will have time to experiment with the different plants, shift pH to create new colors, and test their inks out on different kinds of paper.



You will leave with a small bottle of black walnut ink as well as a bottle of your own ink, your drawings or ink samples created in class, and a reference zine. We will meet at the Welcome Center before heading out to explore the Wetland. Wear comfortable shoes and dress for the weather. Aprons are advised to protect against stains.

Saturday, October 19
10:00 am – 12:30 pm

Members: \$55
Non-members: \$60



Botanical Illustration *Autumn Observations* (ONLINE)

MARGARET SAYLOR

Artist; Member, American Society of Botanical Artists (ASBA) and the Philadelphia Society of Botanical Illustrators

Let's take a closer look at some of the wonderful natural elements that make up our outdoor world in autumn. Join Margaret Saylor virtually to draw (or paint) a new specimen each week. Not only will we learn about that week's botanical theme, but we'll see how these subjects fit into the broader realm of contemporary botanical art. Margaret Saylor is the editor/designer of ASBA's *The Botanical Artist* journal. She earned a certificate in botanical art and illustration, with distinction, from the NYBG.

All levels welcome; some drawing experience helpful but not necessary. A Zoom link and recommended materials list will be emailed to all participants.

Five Wednesdays:

October 23, 30, November 6, 13, 20
6:30 – 8:30 pm

Members: \$160

Non-members: \$190

Botanical Handprinted Holiday Cards

LAURA BETHMANN

Artist, Author, and Workshop Leader

Join Laura Bethmann, artist and author of *Hand Printing from Nature*, to create a beautiful set of holiday cards and envelopes using printing inks and natural materials. This centuries-old art and science of directly printing inked botanicals is an intriguing process. It is perfect for sending personalized greetings for the holidays, special occasions, friendly notes, or for gift giving. Greeting cards were exchanged in ancient China and Egypt, in Europe since the 1400s, and the practice found its way here with the early colonists. Continue this lovely tradition of handmade greetings during this workshop! No experience required; all supplies included with registration.

High-quality art supplies, journal booklets, and fresh plants are included in the class fee. Laura will provide some aprons (or bring your own). Many of Laura's nature prints, nature-printed objects, and books will be displayed for inspiration.

Saturday, November 2

10:00 am – 12:00 pm

Members: \$75

Non-members: \$80



Craft Your Own Botanical Ceramic Lantern

DYAN KRAJNIOVICH

Artist; Owner, InDi Studio

Immerse yourself in the tranquility of nature and the joy of creation at this unique pottery lantern workshop! This is an invitation to those who seek to combine the beauty of the natural world with the age-old craft of pottery.

In the inspiring setting of the Morris, you will experience the satisfaction of shaping and molding clay by hand. Discover the delicate art of pressing real flowers and plant elements into the clay, capturing their exquisite patterns to create a lantern that glows with the impressions of nature. As you work, you will be guided in a thoughtfully designed template to help you add your personal touch of color and design. The result will be a one-of-a-kind luminescent lantern, a testament to your creativity and the enchanting forms found in nature. All lanterns will be dropped off at Morris for pick up 10 days after the program date.

Friday, November 8

10:00 am – 12:00 pm

Members: \$70

Non-members: \$75

Holiday Wreath-Making Workshop

MITCH ROBERGE

Horticulturist & Artist, HSB Garden Designs; Calluna Plants & Gifts

Create a festive winter wreath for your home this season! In this 90-minute guided workshop, you will combine fresh-cut seasonal foliage along with ribbons and natural embellishments to adorn your greenery wreath. Choose either the morning or the afternoon session. All materials will be provided! Please bring a pair of pruners and gardening gloves.

Mitch Roberge is a visual artist and Pennsylvania-certified horticulturist. He is inspired by the textures and colors found in nature, and most of his work features fauna and flora.

Friday, December 6

10:00 – 11:30 am

Friday, December 6

1:00 – 2:30 pm

Members: \$60

Non-members: \$65

“

I am a total novice. Mitch taught us the basics as well as great sophisticated tricks to make us feel confident. He walked around after the demo and provided assistance and encouragement.”

2023 HOLIDAY WREATH-
MAKING PARTICIPANT

culinary adventures

Cooking with Chef Al Paris at Erdenheim Farm

AL PARIS

Professional Chef/Restaurateur

These demonstration classes will cover the creation of a meal focused on products from Erdenheim Farm. Each class will include a discussion about how the food is raised or grown on the farm, followed by a cooking demonstration by Chef Al Paris, and finish with a chance to eat and savor the creation. Chef Al Paris has owned and created the culture and cuisine of 13 award-winning restaurants—most recently Paris Bistro in Chestnut Hill. He believes that all cooks can create their own distinct cuisine through the clarity of their vision and the use of the freshest seasonal ingredients. **Please sign up for each session separately. All sessions meet at the Sheep Barn parking lot at Erdenheim Farm (5051 Flourtown Road, Lafayette Hill, PA 19444).**



CLASSES AND MENUS INCLUDE:

Grilled Leg of Lamb

MENU: Oatmeal molasses pan bread; tomato, basil, corn, and couscous salad; fire-grilled Erdenheim Farm leg of lamb with lemon thyme, honey, feta, and fried okra; roast farm peaches with Amaretti mascarpone. The meal features Erdenheim Farm lamb, eggs, basil, honey, peaches, tomatoes, corn, mixed greens, and okra.

Tuesday, August 27

12:00 – 3:00 pm

Members: \$115

Non-members: \$125

Filet Mignon

MENU: Onion and corn drop biscuits; early autumn gazpacho; Erdenheim Farm Black Angus filet mignon with potato hash and fried egg; baked apple almond galette with caramelized apple cider cream. The meal features Erdenheim Farm beef, eggs, honey, apple, apple cider, corn, onion, tomatoes, and potatoes.

Thursday, September 26

12:00 – 3:00 pm

Members: \$120

Non-members: \$130

Vegetarian Cooking Class

MENU: Erdenheim Farm North Georgia Candy Roaster latkes; farm greens salad with herb pickled eggs, radish, and honey-herb goddess dressing; crostini tian with delicata squash, lemon garlic chard, and tomato butter; flourless chocolate tart

with apple marmalade. The meal features Erdenheim Farm squash, apples, radish, tomatoes, eggs, honey, chard, and mixed greens.

Saturday, October 19

12:00 – 3:00 pm

Members: \$100

Non-members: \$110

Ground Lamb

MENU: Orange thyme black pepper muffins; Erdenheim Farm squash minestrone with chard pistou; wood-charred Erdenheim Farm lamb kefta with sunchoke-yogurt coulis and pomegranate; white chocolate-cranberry cookies. The meal features Erdenheim Farm lamb, eggs, sunchoke, pumpkin, and chard.

Saturday, November 16

12:00 – 3:00pm

Members: \$110

Non-members: \$120

Ribeye

MENU: Corn, chard, and red pepper popovers; sage pumpkin risotto with herb goat cheese; wood-charred Erdenheim Farm Black Angus ribeye with balsamic radicchio and glazed parsnips; blueberry lemon-basil hand pies. The meal features Erdenheim Farm beef, eggs, honey, basil, chard, pumpkin, and radicchio.

Saturday, December 14

12:00 – 3:00pm

Members: \$120

Non-members: \$130

Plant-Based Family Cooking with Moji Masala

JD WALSH AND SHIREEN QADRI

Owners, Moji Masala

Are you curious about how to implement more plant-based meals into your diet? Do you love Indian food but are hesitant to cook it at home, intimidated by unfamiliar names, spices and ingredients? Join Shireen and JD from Moji Masala for a fun (and delicious!) program that's a good time for the whole family. One registration covers two participants (a caregiver and a child, or two adult friends). You'll learn about various Indian spices and ingredients, the plants they're derived from, and how to use them to make satisfying, delicious and healthy meals right at home. We'll demonstrate the preparation of some scrumptious plant-based dishes, and then sample them together! Ages 7+

Saturday, September 21

10:30 am – 12:00 pm

Members: \$55

Non-members: \$65



Edible and Medicinal Plants Walk & Talk

LYNN LANDES

Founder, Wild Foodies of Philadelphia

LADY DANNI

Urban Forager, Landed Gentress

Join Lynn Landes, founder of Wild Foodies of Philadelphia, and urban forager Lady Danni of Landed Gentress, in the scenic natural areas of the Morris Arboretum & Gardens. We will walk through the Wetland and discuss the edible and medicinal qualities of the wild plants, and the benefits of their lesser-known weedier cousins that inhabit the grasses around them. With so many useful plants literally under your feet, we're sure you'll leave with a new admiration of plants in this setting and learn to identify these when you see them in your own backyard.

This walk and talk will take place on unpaved terrain. Please park in the area to the left of the entrance kiosk. Dress for the weather, including good walking shoes or boots, and bring water.

Saturday, September 28

10:00 – 11:30 am

Members: \$35

Non-members: \$40

Botanical Mixology *Sunset Horticultural Happy Hour*

LIZ AUBRY

Bartender, Bar Lizette

Botanicals and fermenting to make alcohol have gone hand in hand as far back as Mesopotamia. From rice in sake to agave in tequila, every great drink starts with a plant. Modern bartenders are still heavily utilizing botanicals in cocktails.

Herbs, flowers, and spices can be added at any step in the cocktail-making process to jazz up even the simplest recipe. This class includes sampling of botanically derived spirits, as well as tastings of 4+ mixed cocktails created with different techniques using botanicals. We will cover traditional spirits distilled from botanicals, infusing herbs into your favorite ingredients, and making syrups and bitters from common plants in your garden, all surrounded by the beautiful backdrop of Morris Arboretum & Gardens at sunset. This class is for ages 21+.

Tuesday, October 1

5:30 – 7:30 pm

Members: \$60

Non-members: \$65



Kimchi Party!

JOANNA EUN

Culinary Educator; Kimchi Enthusiast

Learn how to make traditional Korean kimchi! Join us as we delve into the tradition of Korean fermentation and the art of making kimchi—a traditional side dish of salted and fermented vegetables, such as napa cabbage and Korean radish. In this hands-on class, you will learn the history and cultural significance of this Korean staple and experience the joy of crafting your own delicious and authentic kimchi. We also will sample different types of kimchi and prepare a dish using kimchi as a main ingredient.

By the end of this class, you not only will have a deeper appreciation for the world of Korean fermentation, but each participant will go home with a jar of your very own homemade kimchi to enjoy and share. This class will meet in the tent behind the Morris Arboretum & Gardens' Welcome Center.

Saturday, October 12

10:30 am – 12:00 pm

Members: \$40

Non-members: \$45

Dehydrating the Harvest

DOROTHY BAUER

Weavers Way Co-op Neighborhood Nutrition Team Member; Raw Food Chef

Learn how to preserve the harvest and preserve the nutrients in your food at the same time! All recipes are gluten and dairy free, low glycemic index, and will satisfy sweet and savory snackers alike. Dorothy

will review all aspects of food dehydration and provide recipes that are great options for even the pickiest of eaters. Expect a buffet of sampling and a packet of recipes (all that are demonstrated and sampled plus extras). Bring a container for leftovers!

Dorothy Bauer spent most of her adult life in Berkeley, California, where she was able to take classes at Living Light Culinary Institute and study with world raw food chef, Elaina Love.

Tuesday, October 29

6:00 – 7:30 pm

Members: \$40

Non-members: \$45

Cooking with Kimchi

JOANNA EUN

Culinary Educator; Kimchi Enthusiast

In this fun, delicious, and interactive class you will learn about the versatility of kimchi and how to use it to create a delicious meal. Together, we will go through the step-by-step process of creating three different dishes using kimchi as a main ingredient. We will review the basic Korean condiments and sample all three dishes created during class.

By the end of the class, you'll learn the Korean flavors and be confident to transform kimchi in your kitchen! This class will meet in the tent behind the Morris Arboretum & Gardens' Welcome Center.

Saturday, November 2

10:30 am – 12:00 pm

Members: \$40

Non-members: \$45

growing minds

Growing Minds at Morris Arboretum & Gardens is a program series for kids and families that inspires a sense of wonder about the natural world within the beautiful setting of the Morris. The classes represented in this section offer children and their caregivers the opportunity to connect meaningfully with nature through a wide variety of creative and educational programs. Parents and caregivers are asked to stay with children for classes.

Music is My Nature *Fall Tunes* (Ages 3-6)

MELISSA LISBÃO-UNDERWOOD
*Certified Suzuki Method teacher
at Settlement Music School;
Environmental Educator*

Learning music is great for children's growth and well-being—it increases brain activity, helps develop physical

“My child had a blast and was talking about the class for the rest of the day. It was a great experience.”

MUSIC IS MY NATURE
PAST PARTICIPANT



coordination, and is a healthy way for kids to process and express their emotions. In this weekly outdoor circle, little ones will sing, clap and dance together and use simple instruments that will let them practice basic musical concepts like beat, rhythm, pitch, and dynamics.

Melissa has a BA in violin performance and has taught violin to kids of all ages. She learned music through the Suzuki method, a school whose philosophy states that music is a language anyone can learn. Learning any language needs a strong community of participants, so parents and caregivers are encouraged to share and discover along with us in the circle!

Please dress for the weather. In the case of extreme weather we will move indoors.

Please arrive before the class start time so you can find your way to our starting spot in the Whimsical Woods.

Six Mondays:
September 23, 30; October 7, 14, 21, 28
10:30 – 11:15 am

Members: \$140
Non-members: \$160

“

“Rebecca is amazing with kids.”

SEEDS TO SPROUTS
CLASS PARTICIPANT

Seeds to Sprouts *Fall Adventures!* (Ages 2-4)

REBECCA SILVEY
Environmental Educator

Children ages 2–4 and their favorite caregiver are invited to join us to explore the outdoors and learn about some fun early science subjects like leaves, weather, soil, and insects. In each class, we will do an age-appropriate activity and read an engaging story outside in nature!

Our adventures will take us on uneven terrain, so all participants should wear sturdy shoes and leave strollers behind. Siblings should register as participants. Class occurs rain or shine so please dress for the weather. In the case of extreme weather, we will move indoors. **Please arrive 15 minutes before the class start time so you can find your way to our starting spot in the Whimsical Woods.**

Six Tuesdays:
September 24, October 1, 8, 15, 22, 29
10:00 – 10:45 am

Members: \$140
Non-members: \$160

Got Stress? Nature May Be the Answer (Ages 10-14)

JUNE MURRAY
*Educator; Youth Education Intern,
Morris Arboretum & Gardens*

Pause, Be Present, Experience Peace. Being a young person in today's world can be challenging! Join us and take advantage of this opportunity to let your stress slide away. We will practice being present and appreciating the moment while engaging with nature. A walk in the woods focusing on our five senses, nature-inspired meditation, creating a “touchstone” to serve as a reminder of what we want more of in our lives, and a letting-go exercise to illuminate the challenges attachments bring are practices that will be explored during this 90-minute program. Combining the meditation techniques of pause and be present with nature helps form mindful behaviors and, with practice, has been proven to reduce stress. Please dress for the weather.

**This program is for grades 5-8
(ages 10-14).**

Saturday, October 5
10:00 – 11:30 am

Members: \$30
Non-members: \$35

Nature Discovery
Through Art!

(Ages 3-6)

GINGER MIMMO ROHLFING
State Certified Art Instructor; Art
Educator at Moore College of Art &
Design and Woodmere Art Museum

Bring your little ones to explore nature and discover the living elements in a garden—textures, colors, patterns, and shapes will come alive as we take a closer look at nature together. After exploring, we'll make an art project inspired by our discoveries. Making our art will cover a variety of mediums through the weeks! The instructor will bring materials for us to create with, just come prepared with your excitement to create art from nature! **Each registration includes one adult and one child; siblings will require an additional registration.** Class will meet in the tent behind the Welcome Center.

Four Thursdays:
October 31, November 7, 14, 21
10:00 – 11:00 am

Members: \$100
Non-members: \$120

“

It was GREAT to see the animals up close!... Courtney also allowed pictures to be taken with the young children and the animals.”

RAPTOR JAWNS COURSE
PARTICIPANT 2023



Raptor Jawsns
A Birds of Prey Close Encounter
(Ages 1-10!)

COURTNEY DOUDS
Founder of Raptor Jawsns, Master
Falconer, Environmental Educator

School is closed today—what to do? How about an intimate encounter with a raptor? Meeting a bird of prey can be a transformative experience—inspiring awe, curiosity, and respect for the power and beauty of the natural world.

Join us for this rich educational experience—an incredible encounter with live birds of prey. You'll leave with lots of new knowledge about our feathered friends, inspired by the exceptional natural beauty of raptors. Class will meet in front of the Welcome Center. **This program is engaging and appropriate for children of all ages, 1 to 10! One registration covers one adult and one child. Additional children will require additional registrations.**

Friday, October 25
10:00 – 11:30 am
Members: \$35
Non-members: \$40

health &
wellness

Qigong Taster
Find Your Element

KELLY McLEOD
Holden Qigong Certified Teacher;
Founder, Chee Gong with Kelly Kel

Curious about qigong but not sure if it's right for you? Join experienced practitioner Kelly McLeod for this introductory session and discover its potential to help you feel grounded, revitalized, and at ease. Kelly will walk you through qigong postures and movements while also explaining some of this healing art's history, the Five Element theory that motivates it, and the science behind how it helps to regulate the nervous system and promote relaxation. After learning and practicing the opening movements of the Five Elements form, you'll finish with a guided meditation. Come to deepen your understanding and to experience the power of qigong to help you feel energized and balanced.

Wednesday, September 18
10:30 – 11:30 am
Members: \$30
Non-members: \$35



A Taste of Tai Chi

AIMÉE ALEGRÍA BARRY
Owner, Centaur Tai Chi

Are you curious about tai chi? Join us for a one-session outdoor tai chi 'taster' with the beauty of the Morris as a peaceful backdrop as you learn more about this martial art practice. Tai chi, a series of postures done slowly, promotes balance, flexibility, and strength. Tai chi is known as a soft martial art because it emphasizes a calm mind and relaxed body. No prior tai chi experience is needed. Meet at the Welcome Center and dress for the weather.

Thursday, September 19
10:30 – 11:30 am
Members: \$30
Non-members: \$35



Yoga in the Treetops

Equinox Edition

MAURA MANZO
Yoga and Meditation Teacher

Welcome the approach of the autumn equinox up close and join experienced yoga instructor Maura Manzo for this one-of-a-kind yoga experience on the *Out on a Limb* exhibit at Morris Arboretum & Gardens, suspended 50 feet above ground and surrounded by a canopy of trees, colors, sights and sounds.

Human beings are deeply connected to trees and have much to learn from them. This immersive, all levels practice will be accompanied by a healing sound bowl experience and will end with an extended guided relaxation inspired by one of their greatest teachings: There is beauty that comes from letting go.

This treetop yoga experience is a wonderful way to combine the physical and mental benefits of yoga with the beauty and serenity of the natural world. You are invited to come early to class and explore the Morris's walking trails and gardens as part of your retreat experience.

Thursday, September 19
5:15 – 6:45 pm

Members: \$40
Non-members: \$45

“

I loved the location. The sense of community. The appreciation for the trees and plants around us.”

PAST YOGA IN THE TREETOPS
CLASS PARTICIPANT

Parents & Pilates

KAITLIN COLBRIDGE
Certified in Barre & Pilates

Welcome to Parents & Pilates, where fitness meets family bonding on the beautiful grounds of the Morris Arboretum & Gardens! Our series is designed to cater to caregivers who want to prioritize their health while nurturing their little ones. Join us for a rejuvenating experience that blends Pilates exercises with quality time with your child, all while making connections with other parents and caregivers in our shared community.

Whether you're a seasoned fitness enthusiast or just starting your wellness journey, our classes are tailored to accommodate all fitness levels. Our certified instructor guides you through Pilates movements that help strengthen your body while promoting flexibility and balance.

Bring along your essentials—a mat, a baby stroller or carrier, and light weights—and get ready to embark on a fulfilling fitness journey. Classes will be held outdoors with an indoor option available for weather so please dress accordingly. Join us for Parents & Pilates and discover a holistic approach to fitness that nourishes both body and bond! One registration covers one adult and one child.

Four Fridays:
September 20, 27; October 4, 11
10:00 am – 11:00 am

Members: \$85
Non-members: \$95



Yoga in the Garden

JENNIFER SCHELTER
Leader, Educator, Artist, and Founder of The Radiant Retreat

The incredible beauty of fall evenings at the Morris provides the backdrop for this unique opportunity to study inspirational Vinyasa (flow-style) yoga led by Jennifer Schelter, one of Philadelphia's premier yoga teachers. Participants will learn the basics of yoga: breathing, mindfulness meditation, balance, strength, flexibility, core awareness, and deep relaxation while surrounded by the Morris's peaceful ambiance. All are welcome, including beginners. Please bring a yoga mat, a towel to place under your mat, and wear comfortable clothes. In inclement weather the class will meet indoors. Each registration includes all four sessions. Single-session walk-ins welcome on fair-weather days for \$25 (cash only; no member discount).

Four Mondays:
September 23, 30; October 7, 14
5:15 – 6:15 pm

Members: \$85
Non-members: \$95

Tai Chi in the Garden

AIMÉE ALEGRÍA BARRY
Owner, Centaur Tai Chi

Join us for an outdoor tai chi series, with the beauty of autumn at Morris setting a peaceful backdrop for your practice. Tai chi, a series of postures done slowly, promotes balance, flexibility, and strength. While teaching the tai chi form, Aimée Alegría Barry introduces 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.

All levels welcome. Meet at the Welcome Center and dress for the weather. Classes will be held outdoors with an indoor option available for inclement weather.

Six Thursdays: September 26, October 3, 10, 17, 24, and 31
10:30 – 11:30 am

Members: \$95
Non-members: \$105

“

I felt supported as I learned new skills. Aimée made us feel comfortable with our bodies.”

PAST TAI CHI CLASS
PARTICIPANT

Discover Your Best Self, One Walk at a Time

NANCY SULLIVAN
Health and Wellness Coach, Nancy Sullivan Wellness

JOOD THOMPSON
Health and Wellness Coach, Thompson FM Health Coaching

Struggling to make lifestyle changes but not sure where to begin? Let's switch things up! Join health coaches Nancy and Jood in a series of four guided small-group walks through the Morris. Each walk will focus on a different aspect of personal growth, collectively building a foundation for making positive changes based on your unique character strengths and values. Enjoy moments of reflection and engaging conversations while acquiring techniques that offer deeper insights into your personal journey. Experience the restorative powers of nature as you explore new paths toward your best self.

This class is all outdoors. Dress comfortably for the weather, wear sneakers and bring hiking poles if desired. In severe weather, an extra date will be added to the end of the program.

Four Tuesdays: October 1, 8, 15, 22
10:00 am – 12:00 pm

Members: \$220
Non-members: \$240



“

Such a great experience.”

PAST FIVE ELEMENTS
QIGONG CLASS PARTICIPANT

Five Elements Qigong

KELLY McLEOD
*Holden Qigong Certified Teacher;
Founder, Chee Gong with Kelly Kel*

Join experienced practitioner Kelly McLeod for six weeks of Five Elements Qigong amidst the tranquil beauty of nature at the Morris. Embrace the unfolding of the fall season with this ancient Chinese art for fitness and healing, through routines that will include breathing techniques, warm-ups, stretching, invigorating exercises, gentle flowing movements and a brief closing meditation. Each session will let you explore the Five Element theory of qigong as you connect your energy with the energy of the natural surroundings to feel grounded, revitalized, and at ease. Regardless of your prior experience, all are welcome to join and rejuvenate your mind, body, and spirit.

Six Wednesdays:
October 2, 9, 16, 23, 30; November 6
10:30 – 11:30 am

Members: \$95
Non-members: \$105

Shinrin Yoku Forest Bathing for Your Health

ANISA GEORGE
*Certified Forest Therapy Guide,
Nationally Certified Health and
Wellness Nurse Coach*

Shinrin yoku, also known as forest bathing or forest therapy, is an ancient practice that is now supported by scientific research. Improved immune function, reduced cortisol levels, increased cognition and memory, and improved mood are just some of the clinical findings from this practice. Facilitated by a trained guide to help support your own relationship to the healing benefits of nature, this experience allows for mindful connection to the “more than human world.” Participants move at a slow pace and are invited to connect in a sensorial way to the beautiful surroundings of the Morris Arboretum & Gardens. Leave the hectic world behind and come explore this ancient wisdom. Meet at the Welcome Center. The class is all outdoors so please dress for the weather. Register for one or both sessions.

Sunday, October 6
10:00 am – 12:30 pm

Sunday, November 3
10:00 am – 12:30 pm

Members: \$35
Non-members: \$40

“

I learned this is more
than just walking among
the trees.”

PAST FOREST BATHING
CLASS PARTICIPANT

Early Mornings at the Morris Healing & Horticulture, Empowering Environments

KELSEY TAGG
*Mindfulness and Therapeutic Horticulture
Practitioner, The Alice & J. Liddon
Pennock Jr. Horticulture Intern,
Morris Arboretum & Gardens*

Join us for this special opportunity to experience the Morris in the early morning hours while exploring the profound relationship between horticulture and well-being, with an introduction to mindfulness, breath work, and bonsai.

In this six-week guided series, we will intentionally explore how to better regulate the nervous system through mindfulness and horticulture while engaging in group discussions to deepen our understanding and perception of wellness. Discover the stabilizing effects of ujjayi breath while pruning; observe body sensations as you investigate the gardens; find insight into the five senses through flora; and unearth the art of bonsai. Experience how stress, circular thought patterns, and modern physiology can be influenced by consciously connecting with plants as you exercise the mind.

Sessions are led by Kelsey Tagg, a mindfulness and therapeutic horticulture practitioner with a certificate in horticultural therapy.

Six Fridays:
October 11, 18, 25; November 1, 8, 15
7:00 – 8:45 am

Members: \$130
Non-members: \$150

horticulture & design

Bromeliad Basics

BILL CULLINA

*F. Otto Haas Executive Director,
Morris Arboretum & Gardens*

Have you ever eaten a pineapple? If the answer is yes, then you've eaten a bromeliad! Pineapples are members of a plant family known as Bromeliaceae, which contains more than 3,000 species. This plant family includes species as diverse as the pineapple (the only bromeliad cultivated for food), as well as Spanish moss, air plants, and more. Bromeliads require different care than many houseplants, but although they are different, they are not difficult!

In the summer of 2024 at the Morris Arboretum & Gardens, different types of bromeliads covered the Paleontologist's Cottage during the Summer of Dinos. In early September, the plants covering the cottage will be taken down to make room for the fall pumpkin display. This class is a unique opportunity to learn from the Morris's own Bill Cullina about bromeliad care and cultivation, and to go home with your very own bromeliad from our dismantled summer display!

Friday, September 13
3:00 – 4:30 pm

Members: \$35
Non-members: \$40

Achieving an All-Season Garden

MICHELLE DETWEILER

Wild About Native Plants

Looking to enhance year-round fulfillment in your outdoor space? Join native planting designer Michelle Detweiler for suggestions on compelling habitat-friendly plant selections and planting design techniques to extend garden interest throughout the year. Join the conversation about the uniqueness of the seasons in our ecoregion, including nuanced views that go beyond traditional definitions to incorporate essential elements of seasonal life in our gardens—birds, native bees, butterflies, and amphibians. Enjoy photographically rich tours of layered garden spaces throughout the year to inspire new planting designs, ecological stewardship, and a refreshed sense of awe in your space.

Tuesday, September 17
6:00 – 8:00 pm

Members: \$40
Non-members: \$45

Lessons from Great Dixter House & Gardens

ELOISE GAYER

*Rosarian, Morris Arboretum & Gardens;
former Christopher Lloyd Dixter Scholar*

Great Dixter House & Gardens, former estate of the garden writer and plantsman Christopher Lloyd, is renowned worldwide for its exciting, floriferous displays and innovative plant combinations. After Lloyd's death in 2006, the garden has been stewarded by Head Gardener

Fergus Garrett, who preserves the ethos of Great Dixter's past while pushing the boundaries of horticulture as the garden evolves. With generous sponsorship from Chanticleer Garden, Great Dixter hosts one American scholar per year to study heritage gardening techniques and promote international collaboration and learning between the US and UK.

Join Morris Rosarian and former Christopher Lloyd Dixter Scholar Eloise Gayer on an exploration of the Dixter's gardening practices including succession planting for long seasons of color, bulb trialing, pot displays, and propagation, and learn how these practices can be applied to the home garden. A one-hour lecture will be followed by a 30-minute visit outdoors to the Rose Garden to discuss principles of succession planting in action.

Friday, September 20
1:00 – 2:30 pm

Members: \$30
Non-members: \$35

“

Eloise not only was very knowledgeable about a wide range of different plants, but her enthusiasm and well-organized presentation made it a very enjoyable experience.”

PAST CLASS PARTICIPANT

Growing your Garden's Potential

*Learn to Assess & Enhance
Your Home Garden*

MARYKATHERINE GREEN

*Head Land Steward, WoodCote
Grove Properties*

CHRISTOPHER SOHNLY

Spruce Hollow Natural Designs LLC

Would you like to increase the environmental and aesthetic value of your home garden? Join us for this 3-part lecture series. Each class will teach techniques to assess, heighten, and manage your home garden space, maximizing your garden's potential and helping your garden grow in harmony with nature.

Taught by two landscape design and maintenance professionals, the course will emphasize native plants and share specific tools and techniques for expanding your garden's environmental value. Participants will share questions, cares, and concerns with other participants and industry leaders. Informational handouts and resources guides will be provided.

**Three Wednesdays, September 25;
October 2, 9**
4:30 – 6:00 pm

Members: \$95
Non-members: \$105

Moss in the Garden

TREVOR SCHULTE

*Azalea Meadow Horticulturist,
Morris Arboretum & Gardens*

Why stop to smell the flowers when you can pet the moss? Whether you plan on building a bryophyte-centric garden or are simply encouraging a few patches around your home, mosses add texture, beauty, and a sense of peace to nearly any space. We'll go over common mosses, propagation techniques, and how to garden with moss and moss relatives before heading into the Morris for some hands-on learning where we will transplant some mosses ourselves. Learn about the often-overlooked division of plants while gaining the skills to start your own moss patch! Class will meet in the Upper Gallery of the Welcome Center.

Monday, September 30
1:00 – 3:00pm
Members: \$35
Non-members: \$40

Pond-in-a-Pot

MAX DUPONT

*Martha J. Wallace Plant Propagation
Fellow, Morris Arboretum & Gardens*

Join us for this special class in the Morris greenhouse and learn how to create a pond-in-a-pot! Plant Propagation Fellow Max Dupont will demonstrate how you can make your very own pond-in-a-pot using a drainage-free container, rocks and stones for elevation, and pond plants such as bog plants (including carnivorous plants), marginals, submergents, floaters, and oxygenators. You'll learn how to

incorporate plants of different colors and textures, and ways to create a pond that's not only beautiful but can provide food and water for pollinators. Max will touch on topics such as how to prevent mosquitoes, building a safe structure within the pond-in-a-pot for bees to rest and drink, algae, water changes, creating amphibian habitat, etc. The class will end with a walk down by the Morris Wetland to see some aquatic plants and animals in their natural habitat (so bring your curiosity AND your walking shoes!) Dress for the weather.

Tuesday, October 3
4:00 – 6:00 pm
Members: \$40
Non-members: \$45



Container Gardening with Native Plants

MITCH ROBERGE

*Horticulturist & Artist, HSB Garden
Designs; Calluna Plants & Gifts*

Learn the basics of container gardening using a palette of plants native to our area. Discover how to choose the right plants for your home, the pros and cons of different types of pots, how much to water, and the benefits of using native plants! Mitch Roberge is a visual artist and

Pennsylvania-certified horticulturist. He is inspired by the textures and colors found in nature.

Thursday, October 15
6:00 – 7:30 pm
Members: \$35
Non-members: \$40

Spanish Nature Walk

MEGAN DO NASCIMENTO

*Wellness Coordinator,
Awbury Arboretum*

Join us for a peaceful nature walk in celebration of Hispanic Heritage Month! Tune in as we walk through the Morris and talk (in Spanish and English) about the plants and animals that we see. This program is appropriate for native Spanish speakers as well as individuals learning Spanish and wanting to speak and practice the language in community and in nature. **Bring a picnic lunch and join an optional group picnic with Spanish conversation after the walk's conclusion.**

iÚnase a nosotros para una caminata pacífica por la naturaleza en celebración del Mes de la Herencia Hispana! Sintonícenos mientras caminamos por Morris y hablamos (en español) sobre las plantas y animales que vemos. Este programa será tanto en español como en inglés y es apropiado para hablantes nativos de español, así como para personas que aprenden español y desean hablar y practicar el idioma en comunidad.

Friday, October 4
11:00 am – 12:00 pm

**Optional picnic lunch and
community conversation:**
12:00 – 1:00 pm

Members: \$20
Non-members: \$25



Introduction to the Art of Bonsai

BRIAN TUEL

PA Bonsai Society

The art of bonsai has a long and rich history in Japan and other eastern Asian countries—one that can translate easily to our region using native trees and proper techniques. Join members of the PA Bonsai Association to explore the history and fundamental elements and styles of this ancient art. Students will learn how to choose, plant, train, and provide long-term care to a young specimen tree. Each participant will go home with a new bonsai tree of their own! Instructor Brian Tuel has over 20 years of experience working with bonsai. He has numerous trees in his personal collection and has displayed at the Philadelphia Flower Show.

Please bring sharp pruners/scissors if you have them, gardening gloves, and a flat box to transport your tree home. This class will meet at the Bloomfield Farm Horticulture Center.

Saturday, November 2
1:00 – 5:00 pm

Members: \$120
Non-members: \$130

Growing Beautiful Dahlias

Digging, Dividing, and Storing Dahlia Tubers

BILL CULLINA

F. Otto Haas Executive Director, Morris Arboretum & Gardens

Digging, dividing, and storing your dahlia tubers is the most crucial task to get right for increasing your stock, keeping your plants healthy, and saving money on expensive tubers. In this program, led by the Morris's own Bill Cullina in his personal garden, you'll learn tips for how and when to dig your tuber clumps for maximum storage life and minimum damage, how to identify and divide viable tubers, how to wash tubers, and advice on different storage techniques here in our climate.

Saturday, November 9
1:00 – 2:30 pm

Members: \$35
Non-members: \$40



Shofuso in the Fall

Exclusive Private Tour + Tea Tasting

SANDI POLYAKOV

Head Gardener, Shofuso Japanese House and Garden

Shofuso Japanese House and Garden, located in Philadelphia's West Fairmount Park, is a 17th century style Japanese house with traditional Japanese-style gardens. Originally designed for the Museum of Modern Art in the early 1950s, Shofuso was brought to Philadelphia in 1957 and resides on the site of the first-ever Japanese-style home in North America, built for the 1876 World's Fair. Join Sandi, head gardener at Shofuso, to learn about that history, gain a unique perspective and appreciation from a special staff member, and understand the intricacies of traditional Japanese-style gardening, an art form dating back over a thousand years. As a special addition to the garden tour, the program will end with a ceremonial tea tasting where participants will experience the wonders of the authentic Japanese Tea house on site.

Tuesday, October 15
11:00 am – 1:00 pm

Members: \$45
Non-members: \$50

Birds and Boardwalk

A Morning at Dixon Meadow

TROY BYNUM

Birder and wildlife photographer; Whitemarsh Foundation

ZACH GILLESPIE

The Hay Honey Farm Natural Areas Intern, Morris Arboretum & Gardens

Join us for a morning exploring the birds and plants at the Dixon Meadow Preserve. Instructors Troy and Zach will collaborate within their own expertise to provide a guided walk that touches on bird migration, meadow ecology, and more. Covering 14 acres of land, the Dixon Meadow Preserve includes a boardwalk measuring nearly two-thirds of a mile. The preserve is a haven for birders, walkers and those who enjoy the area's natural flora and fauna.

Monday, October 21
9:00 – 10:30 am

Members: \$30
Non-members: \$35

Laurel Hill East

Big Trees, Sculpture, and Serenity

AARON GREENBERG

Arboretum Manager, Laurel Hill Cemeteries

Join us on a tour of Laurel Hill East, one of Philadelphia's very special places. Aaron Greenberg, Laurel Hill arboretum manager, will show us enormous, beautiful trees and other plantings that have been added recently as the cemetery increases its plant collection and its commitment to horticulture. Established in 1836 as the

second garden-designed cemetery in the US, Laurel Hill is the nation's first National Historic Landmark cemetery. Laurel Hill's natural beauty, serenity, and views of the Schuylkill River make it a great place to go for a peaceful walk or retreat from the city. This beautiful green space is complemented by the breathtaking art, sculpture, and architecture that can be found here.

Wednesday, October 23
10:00 am – 12:00 pm

Members: \$35
Non-members: \$40

Private Tour of the Wagner Institute

Ancient Plants

MORGAN CASWELL

Museum Educator

Join us for a private group tour of the Wagner Free Institute of Science, one of the oldest public science institutions in the nation. Participants will tour the National Historic Landmark building and museum collections, including rocks, minerals, fossils, taxidermy animals, mounted skeletons, and more. Our group's hand-tailored program will focus on ancient plants. Stay and enjoy a chance to explore the institute's over 100,000 natural specimens, including ancient fossils, glowing minerals, and animals from around the globe.

Tuesday, November 12
11:30 am – 1:00 pm

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

Wissahickon Geology Walk

LISA MYERS

*Friends of the Wissahickon Trail
Ambassador*

Join us for an enriching hike where our guide Lisa Myers, a longtime volunteer and trail guide, will unravel the geological mysteries of the Wissahickon. During this captivating journey, participants will be introduced to the origins and the natural forces that have sculpted the Wissahickon Gorge we see today. Lisa will show different rock specimens before embarking on a hike to visit exposed rock formations of gneiss, schist, and quartzite. We will learn about these different rock types as well as the minerals found within these exposures. We will visit an old quarry and get hands-on with some boulders to test their magnetic properties! You will come away with a new eye for how Earth's ancient history appears within the beauty of the landscape all around us!

Wednesday, November 20
10:00 am – 12:00 pm

Members: \$30
Non-members: \$35



Increase your tree and landscape knowledge! The School of Arboriculture's courses, which offer CEUs for arborists and landscape architects, keep you at the forefront of your profession. Our exciting new classes are open to professionals and novices alike and are taught by national leaders in their field of expertise.

Beech Leaf Disease *Understanding and Managing This New Threat*

BOB DOLAN

Territory Manager, Rainbow Ecoscience

MARK WARE

Arborologist, Rainbow Ecoscience

When left unmanaged, these microscopic nematodes can lead to the death of mature, previously healthy beech in as little as 5 years. If you aren't concerned yet, be aware that these nematodes are spreading rapidly and if you haven't seen feeding symptoms yet, you will soon. Due to the hard work and collaboration of many researchers, the mystery of how to manage beech leaf disease is slowly but surely being solved! In this webinar we will touch briefly on the biology and life cycle of this nematode so that we can better understand the treatment protocols that are presented. We will cover the protocol as it stands currently as well as discuss future options for management.

Dress for the weather. This class has been submitted for 2 CEUs for ISA Certified Arborists and Municipal Specialists.

Friday September 20
9:30 am – 11:30 am

Fee: \$50

Tree Support and Protective Systems

PETER FIXLER

*The Paul W. Meyer Chief Arborist,
Morris Arboretum & Gardens*

An important feature in the preservation of mature shade trees in the built environment involves the installation of various support cables, rods, and guying systems, as well as lightning protection. This one-day course will explore all aspects of these techniques and the industry's best practices and standards. There will be field demonstrations of each technique and an opportunity to get hands-on practice.

Please dress for the weather. **This course has been submitted for 3 CEUs from the ISA, LA CES, and NJ Board of Tree Experts.**

Wednesday, October 23
1:00 – 4:00 pm

Fee: \$80

“

Peter was in-depth when answering questions & wasn't shy about explaining his experience. He was open about the risk and benefits of the career choice but also built confidence in us.”

PAST CLASS PARTICIPANT



Field Identification of Landscape Trees

KEN LeROY

*Certified Arborist Representative,
John B. Ward Tree Experts*

Join us for a class on the identification of woody landscape plants for urban and suburban landscapes. The class will cover both deciduous trees and conifers. Arborist and horticulturist Ken LeRoy will show us how to use a dichotomous key to identify plants and will explain the terminology used in keys to describe plant characteristics. He will also discuss the physical characteristics used to group plants into families. We will go on a tour of the Morris Arboretum & Gardens to see specimens of the plants we discuss. You may want to purchase the *Sibley Guide to Trees*, a good reference for tree identification. Please bring your own lunch and dress for the weather.

This course has been submitted to carry 6 CEUs from the ISA, LA CES, and NJ Board of Tree Experts.

Thursday, October 24
9:00 am – 4:00 pm

Fee: \$160

Veteran Tree Care at Awbury Arboretum

STEVE PASCAVITCH

Arborist, Awbury Arboretum

A veteran tree can be defined as a tree that is of interest biologically, culturally or aesthetically because of its age, size or condition. Some trees are instantly recognizable as veterans, but many are less obvious. This class will include a walking tour of the heritage and veteran trees on the Awbury Arboretum grounds, and an overview of their care and management. We will discuss current research and preservation practices for the care and preservation of older trees. Once the private enclave of an extended Quaker family, Awbury Arboretum has been open to the public as a public park and arboretum for over 100 years. Its 56-acre historic landscape now stands as a green oasis in a densely populated urban environment. Please dress for the weather. **This class takes place at Awbury Arboretum, directions will be sent to all course participants. The course has been submitted for 2.5 CEUs from the ISA, LA CES, and NJ Board of Tree Experts.**

Friday, November 8
1:00 – 3:30 pm

Fee: \$65

Site-Selection Process and Plant Selection Principles

JASON GRABOWSKI

Professor in Urban Forestry;
Rutgers University

Join Jason for a day of thinking about planting in 2024 as a promise to 2074; learn about site-selection processes and plant-selection principles for trees with a reasonable design service life. If trees take time to grow, design choices need to respect the immediate design needs as much as future function of the landscape. The quality of management and its costs are predicated on understanding the link between the species of tree on-site and its link to the site environmental situation. As such, we will chat on site-assessment organization and process. We will then discuss what is changing or stable in that assessment over time in the PA/tri-state area to then discuss our selection of the next generation of trees and the transitions from our current set of trees.

We'll discuss where information can be found, what tools are available to assist in one's process and decision-making, and how one might communicate to a client the nature of the professional guidance that is provided.

Please bring your own lunch. **This course has been submitted for 5.5 CEUs from the ISA, LA CES, and NJ Board of Tree Experts.**

Tuesday, November 12
9:00 am – 3:30 pm

Fee: \$160

Assessing Tree Decay with Sonic Tomography and Resistance Drills

WAYNE CAHILLY

Owner, Cahilly's Horticultural
Services LLC

Level 3 tree-risk assessment can involve various tools and technologies to better understand the structural condition of trees. This half-day course will focus on the use of both a sonic tomograph and resistograph in the conduct of Level 3 assessment. The course will lay out the principles by which each works, when use of each is appropriate, and how to interpret the results. A portion of the course will be out-of-doors, using the equipment on one or more trees. This will give the student the chance to see and operate the tools and experience the interpretive process that results in a better understanding of the subject tree's structural condition.

Wayne Cahilly is an International Society of Arboriculture certified arborist, qualified tree-risk assessor, and a graduate of the School of Professional Horticulture at the New York Botanical Garden where he worked for many years. He owns and operates Cahilly's Horticultural Services LLC, a consulting business focusing on pre- and post-failure analysis of trees and aiding the legal and insurance communities. Please bring your own snacks/lunch. **This course has been submitted to carry 4 CEUs with LA CES, ISA, and the NJ Board of Tree Experts.**

Thursday, November 14
9:00 am – 2:00 pm

Fee: \$135

England's Ancient Trees

PETER FIXLER

The Paul W. Meyer Chief Arborist,
Morris Arboretum & Gardens

Join us for an online lecture from Peter D. Fixler, Morris's chief arborist, on what he learned during his two-week trip to the UK to visit some of their oldest trees (300+ years old) and their respective caretakers. England is home to many 300- to 2,000-year-old specimens that have been cared for in gardens, parks, estates, and forests for centuries. In the summer of 2024, Peter traveled to England to visit ten different sites with these ancient trees and meet with their arborist caretakers. His talk will share the information learned and show images from the different sites and tree-care experts that Peter met with and learned from on his travels. **This online course has been submitted to carry 1.5 CEUs from the ISA, LA CES, and NJ Board of Tree Experts. A Zoom link will be emailed to all participants before the program.**

Tuesday, November 19
7:00 – 8:30 pm

Members: \$30
Non-members: \$35

Specifying, Selecting, and Planting High-Quality Trees

JASON LUBAR
*Associate Director of Urban Forestry,
Morris Arboretum & Gardens; ISA BCMA*

CHRIS UHLAND
*Owner, Harmony Hill Nursery, ASCA RCA,
ISA Certified Arborist*

Tree quality and proper planting are key elements influencing survival, establishment, long-term health, and maintenance needs. This presentation will define 'quality' as it relates to trees and will focus on the steps necessary to produce, identify, and plant high-quality trees. Myths and realities of tree care and planting are reviewed, including tree fertilization, proper methods of staking and guying, and the best approaches for pruning young trees to encourage proper development.

You will learn what a high-quality tree is and how to select them at the nursery or on-site, how high-quality trees are grown at the wholesale level, and why high-quality trees are so difficult to locate in most markets. We will also discuss how to draft and enforce planting specifications, evaluate the condition of root systems and branching structure to ensure that you purchase and receive high-quality plants, and how to interpret industry standards and best management practices.

Please bring your own lunch. **This course has been submitted to carry 6 CEUs from the ISA, LA CES, and NJ Board of Tree Experts.**

Thursday, November 21
9:00 am – 4:00 pm
Fee: \$160

TREE CANOPY CONFERENCE 2024

UNSEEN *The 11th Annual Tree Canopy Conference*

HAVERFORD COLLEGE
Haverford, PA
Stokes Hall Auditorium

Friday, October 18
9:00 am – 4:30 pm

Join us for the 11th Annual Tree Canopy Conference, presented in partnership with Haverford College. This year's conference will include six presentations by speakers who will explore the unseen elements of our urban forest. While some parts of trees and the green industry are visible, others are underground or less easily observed—our speakers will dive into some of these topics, including soils, fungi, root systems, dendrochronology, trees and the air, the social dimensions of urban forestry, and more.

Continuing Education Units (CEUs) for ISA, LA CES, and NJ Board of Tree Experts certified professionals will be available. For a full schedule of the day's events and to register, visit morrisarb.org/conferences.

general class information

REGISTERING FOR CLASSES

To register online, visit www.morrisarb.org/classes.
To register by phone, have your credit card ready and call us at (215) 247-5777 ext. 125.
You do not need to be a member to register for classes, but if you would like to, please visit www.morrisarb.org/membership, and add a membership to your online basket. You can then register for your classes at a discount.

Age Policy
Except where noted in our course catalog, all classes are for ages 18 and up.

LOCATION OF CLASSES

The Morris Arboretum & Gardens is located in the Chestnut Hill section of Philadelphia. For further information or directions, call (215) 247-5777 or check our website at: www.morrisarboretum.org.
All classes will be held at the Welcome Center unless otherwise noted. Parking areas may be reached from the Garden entrance off Northwestern Avenue. Students should arrive at least 10 minutes before the start of the class to allow time to park and check in. Please note: Parking adjacent to the Welcome Center is sometimes at full capacity on nice weather weekends. When you visit you may be required to park at the bottom of the hill and be shuttled up to the garden. If you are a person with a disability and require accommodation to participate in classes, please contact us at (215) 247-5777 ext. 125 Monday through Friday. For people who use TTY, please call PA Relay: (800) 654-5984.

Directions to classes at the Bloomfield Farm Horticulture Center: Turn onto the paved road across E. Northwestern Avenue from the public garden main entrance. Take the second right and park in the parking lot. Follow the paved sidewalk to the Horticulture Center.

REFUND AND CANCELLATION POLICY

To receive a refund for a class you must call (215) 247-5777 ext. 125 at least five business days before the class or trip start date. There will be a \$5 processing fee for each class or trip withdrawal and a \$20 fee for School of Arboriculture classes. The Morris reserves the right to cancel any program if necessary. Refunds may take three to four weeks to process. There will be no refunds after a class begins.

WEATHER INFORMATION

In case of inclement weather conditions on the day of your class, please call the Education Department, (215) 247-5777 ext. 125 for information on cancellation or rescheduling of the class.

Give the Gift of a Morris Arboretum & Gardens Course!

Are you looking for a unique birthday or holiday gift idea? The Morris Arboretum & Gardens offers class gift certificates. For more information or to purchase, call (215) 247-5777 ext. 125.

Do you have a passion or expertise to share?

Teach with us! We are accepting course proposals for our Spring 2025 course catalog. Please contact Stephanie Bruneau at sbruneau@upenn.edu for a course proposal form.

If you would like to opt out of receiving our course brochure, please email us at education@morrisarboretum.org with the subject line "Opt out."



look inside....



Exciting Programs for All Ages!

- Wine, Cheese, and Trees
- Botanical Mixology: Sunset Horticultural Happy Hour
- Off the Beaten Path Mushroom Walk
- Xeriscape Gardening & Green Roof Tour
- Yoga in the Treetops
- Wissahickon Geology Walk
- ...and so much more!



Morris Arboretum
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