

Morris Arboretum classes

Continuing Education
Fall 2015

GROWING MINDS

Seeds to Sprouts, Autumn Adventures

CULINARY ADVENTURES

Introduction to Canning

HORTICULTURE

Gardening with Ornamental Grasses

HEALTH AND WELLNESS

Walking Mindful Meditation

CREATIVE EXPRESSIONS

Impressionist Painting

BOTANY

Goldenrods and Asters



Morris Arboretum
UNIVERSITY OF PENNSYLVANIA

Official arboretum of the Commonwealth of Pennsylvania

become a member and save

All Membership Levels Include:

- **FREE** unlimited general admission for a year.
- **Complimentary one-time use guest passes.***
- **DISCOUNTS** in the Shop, at the Café, and on educational classes and excursions.
- **DISCOUNTS** at local garden centers and other retailers.
- **FREE** or discounted admission to special events.
- **SHOP FIRST at our Plant Sale, plus 1 FREE bonus plant.**
- **RECIPROCAL ADMISSION privileges to more than 300 gardens.**
- *Seasons* newsletter.
- *E-Newsletter*, keeps you up-to-date on all our events.
- Morris Arboretum automobile decal.

General Memberships

Individual - 2 free passes*

\$65 (1 Year Membership)

\$120 (2 Year Membership - Save \$5) 4 free passes*

- Admits one named adult.

Dual - 2 free passes*

\$80 (1 Year Membership)

\$150 (2 Year Membership - Save \$10) 4 free passes*

- Admits two named adults.

Family - 2 free passes*

\$100 (1 Year Membership)

\$190 (2 Year Membership - Save \$10) 4 free passes*

- Admits up to two named adults and their children 18 and under (or up to 4 grandchildren).

Premier Memberships

Premier Memberships admit up to two named adults and their children (or up to 4 grandchildren) 18 and under.

Beech \$125 - 4 free passes*

\$420 (2 Year Membership - Save \$10) 8 free passes*

Members enjoy all the general benefits, plus

- Invitation to the Holiday Garden Railway Evening.
- Child Care Provider Benefit.

Chestnut \$175 - 6 free passes*

Members enjoy all the benefits of Beech, plus

- **BRING 2 FRIENDS** – Show your membership card and get free admission for two additional guests every time you visit the Arboretum.
- Attend the Plant Sale Preview.

Holly \$250 - 8 free passes*

Members enjoy all the benefits of Chestnut, plus

- Beautiful full-color calendar.
- Invitations to exclusive Arboretum events for Premier members.
- Additional bonus plant at the Plant Sale (2 total).

Enjoy additional benefits at the Oak (\$500) and Laurel (\$1,000) membership levels. Please call (215) 247-5777, ext. 151 for details or visit our website.

RENEW OR JOIN NOW ONLINE AT

www.morrisarboretum.org

*\$16 retail value per pass

Membership Level _____ NEW RENEW (Member ID _____)

Primary Member Name (Mr./Ms./Mrs.) _____

Secondary Member Name _____ # of children _____

(list up to two names for Dual Membership or higher and number of children for Family or higher)

Address _____

City _____ State _____ Zip Code _____

Phone _____ Email _____

Please make membership and course payment separately.

Checks payable to the Morris Arboretum – Membership Dues Enclosed \$ _____

Check Visa MasterCard AmEx Discover

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Expires: _____

Signature: _____

morris arboretum

The Morris Arboretum of the University of Pennsylvania

is an educational institution that promotes an understanding of the important relationships between people and plants. Founded in 1887 as the private estate of John and Lydia Morris, brother and sister, the Arboretum today is an interdisciplinary center that integrates art, science, and the humanities. It is the official arboretum of the Commonwealth of Pennsylvania. It is listed in the National Register of Historic Places and is accredited by the American Alliance of Museums.

The 167-acre public garden, located in the Chestnut Hill section of Philadelphia, provides an idyllic setting for historical architectural features as well as provides a fine collection of contemporary sculpture. Specialty garden areas include the Rose Garden, Swan Pond, English Park, Asian gardens, meadows, and woodlands.

More than 12,000 labeled woody plants from around the world grow here along with superior plants for urban and community landscapes. The Arboretum provides internships, school tours, adult and professional education, lectures, and other special events.

Come visit us. Admission is \$16 for adults, \$14 for seniors, \$8 for students and youth ages 3 to 18 years. It is free to members and children under 3. Special tours for the public are held on Saturdays and Sundays at 2 p.m. Other tours by reservation only; please call (215) 247-5777, ext. 157. The Arboretum is open 10 a.m. – 4 p.m. November to March; 10 a.m. – 5 p.m. on weekends from April to October. It is closed Thanksgiving Day, Christmas Eve, Christmas Day, and New Year's Day. Visit our website regularly at www.morrisarboretum.org for information on what's happening in the garden.

Please note: Parking adjacent to the Visitor Center is sometimes at full capacity on nice weather weekends. If you visit after noon, you may be required to park at the bottom of the hill and be shuttled into the garden.



Illustrations by Anna Anisko from *The Plants of Pennsylvania – An Illustrated Manual*. Used with permission of the University of Pennsylvania Press.

Cover image by Paul Meyer

at a glance

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25	10:30 a.m.	Still Life with Ebony Pencils and Pastels	15
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28	4:30 p.m.	Wine, Cheese and Spectacular Trees.....	7
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at a glance

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culinary adventures

Tea Tasting: Savoring New Flavors

Alexis Siemons

Tea Consultant and Writer, Teaspoons & Petals

Welcome the autumn season with a tea tasting workshop featuring fall flavors. Join Alexis Siemons, local tea consultant and writer of Teaspoons & Petals, a website/blog, for an afternoon tea tasting and pairing workshop. Alexis is certified in the Foundations of Tea (Level 1 & 2) by the Specialty Tea Institute, a division of the Tea Association of the U.S.A. Sip three teas from China, Japan, and Taiwan steeped to reveal the earthy, rich, roasted and subtly sweet flavors of fall, all while learning of their origin and proper tea techniques. Each tea will be paired with a sweet or savory small bite to explore ways in which tea can elevate the tasting experience for a modern afternoon tea. Whether you are new to the world of tea or consider yourself a seasoned steeper, come enjoy this tea-infused gathering. **This class meets at the Horticulture Center at Bloomfield Farm. Look for the paved road across Northwestern Avenue from the public garden entrance. Park in the lot and follow the signs to the Horticulture Center.**

Sunday, September 27

2—4 p.m.

Members: \$30

Non-members: \$35

Register Now ➤

Introduction to Canning

Marisa McClellan

Author of "Food in Jars"

Join local food blogger and cookbook author Marisa McClellan for a class on how to save seasonal fruits and vegetables using the boiling water bath canning method. She will demonstrate how to safely can from start to finish, using a batch of pear vanilla jam. Marisa will talk about best canning practices and will give you the knowledge and empowerment necessary to tackle a



wide array of preserves. This will be a useful and eye-opening class for first time canners and those who want to refresh their rusty skills. All attendees will go home with an introductory canning guide and a small jar of jam made in class. **This class meets at the Horticulture Center at Bloomfield Farm. Enter the Arboretum on the road opposite from the public garden entrance. Park in the parking lot and follow the signs to the Horticulture Center.**

Saturday, October 17

10 a.m.—12 noon

Members: \$40

Non-members: \$45

Register Now ➤

KA-POW! Cacao! How One Tropical Fruit Became the Irresistible Treat that is Chocolate

Dr. Cindy Skema

Research Botanist, Morris Arboretum

In this lecture we will explore the fascinating history of the cacao plant, from its evolutionary origins through four millennia of human consumption.

For a complete description see page 24.

Thursday, November 5

7—8:30 p.m.

Members: \$25

Non-members: \$30

Register Now ➤

culinary adventures

Soups, Stews, and Braises: A One Pot Adventure!

Josh Hunter

*Morris Arboretum Chef, and Owner,
Company's Coming Catering*

Join chef Josh Hunter this fall as he demonstrates how to prepare delicious cold weather comfort food. Start off with traditional black bean soup with chorizo, hearty Yankee pot roast, classic osso buco, and beer-braised short ribs. There is no need to fill the kitchen sink with pots and pans when you can prepare delicious meals with just one pot. Be prepared to scintillate your taste buds as samples will be available.

Saturday, November 14

1—3 p.m.

Members: \$30

Non-members: \$35

Register Now >

Twilight Adventure Walk on the Autumn Equinox

Bob Gutowski

*Director of Public Programs, Morris
Arboretum*

Enjoy the garden in the soft glow of twilight. On the equinox, night and day are nearly exactly the same lengths, 12 hours, all over the world. We will enjoy this special time of year while we walk in the garden after hours, as twilight comes and passes into night. Arboretum educator, gardener, naturalist, and historian Bob Gutowski will be your guide and share his stories. We will enjoy the view from *Out on a Limb*, gaze at the stars in the sky, observe the plants and creatures, relieve the day's stress, and celebrate the sights, scents, and sensations of twilight as seasons change and the moon rises in a beautiful place. **Wear your walking shoes and dress for the weather.**

Kids' Holiday Cookies

Josh Hunter

*Morris Arboretum Chef, and Owner,
Company's Coming Catering*

Bring the kids by for some fun holiday baking and decorating with chef Josh Hunter from Company's Coming Catering. In this hands-on class your young ones will make gingerbread people, sugar cookies, chocolate chip, and spritz cookies. With guided instruction, your little bakers will prepare, bake (adults will do this part), and decorate cookies to bring home proudly. Bring a container to take home your cookies.

Saturday, December 12

1—3 p.m.

Members: \$20

Non-members: \$25

Register Now >

behind the scenes

There is about a mile of walking, some on uneven, hilly surfaces. Park in the meadow to the left of the entrance kiosk where you will meet Bob.

Wednesday, September 23

6:30—8 p.m.

Members: \$25

Non-members: \$30

Register Now >



behind the scenes



Wine, Cheese, and Spectacular Trees

Paul Meyer

The F. Otto Haas Executive Director of the Morris Arboretum

Join this early evening walk with Arboretum Executive Director Paul Meyer focusing on ten outstanding plants in the Arboretum's living museum. Each of these accessions has special genetic significance and tells an important conservation story. You will learn about the attributes of each species and how the individual plant became part of the Arboretum's collection. This walking class will conclude with a glass of wine, snacks, and discussion on the Arboretum's popular tree canopy exhibit, *Out on a Limb*. Rain or shine. In the event of rain, the class will be held with an illustrated lecture indoors.

Monday, September 28

4:30—6:30 p.m.

Members: \$30

Non-members: \$35

Register Now ➤

Hidden Gardens and Magical Preserves

Toni Ann Flanigan

Garden Designer, Philadelphia Garden, Inc.

Wondrous hidden nature preserves and little known garden gems can be found throughout our region. From the natural beauty of Franklin Parker Preserve with its abundance of wildlife, to Society Hill's Magnolia Tribute Garden, one of the hidden gems of Philadelphia, the Delaware Valley is a haven for marvelous outdoor beauty. Join Toni for this illustrated lecture based on decades of exploring the area's nooks and crannies. It is sure to give you plenty of ideas for adventures of your own.

Tuesday, October 6

6:30—8 p.m.

Members: \$20

Non-members: \$25

Register Now ➤

Stories from the Morris Arboretum Archives

Leslie Morris-Smith

Archivist, Morris Arboretum

During Philadelphia Archives Month, Arboretum archivist, Leslie Morris-Smith will explore the history of the Arboretum through its archives and artifacts. Leslie will also talk about recent interesting projects taking place in the Arboretum archives. Predating color slides and the carousel projector, hand-colored glass lantern slides were used to illustrate educational programs and courses. Using the original lantern slide projector, we will explore the hand-colored photographs (1905–1945) taken by Penn ecologist, Professor Edgar T. Wherry, who developed fern and wildflower walks at many public and private gardens across the Delaware Valley.

Wednesday, October 21

7—8 p.m.

Members: \$25

Non-members: \$30

Register Now ➤

behind the scenes

Stargazing at the Morris Arboretum

Ben Buono

Amateur Astronomer

Come and join us for a pleasant evening in the garden and take advantage of our unique views of the skies as we enjoy the Orionid meteor shower. Ben Buono, one of our local backyard astronomers, will guide you through observing techniques to help you more fully enjoy the shower. He will also provide a guided tour of Orion and nearby constellations and a general discussion about observing, astronomy, and cosmology with time for questions and answers. Dress comfortably and bring something to sit or lay on to give you a relaxing view of the sky. No special equipment needed and for the more adventurous, bring your camera (tripod recommended).

**Thursday, October 22
8:30—10 p.m.**

Members: \$20

Non-members: \$25

Register Now >



Behind the Scenes at the Pennsylvania Academy of the Fine Arts

Bob Gutowski

Director of Public Programs, Morris Arboretum

Founded in 1805 as the nation's first school and museum of art, the Pennsylvania Academy of the Fine Arts (PAFA) promotes the transformative power of art and art-making. If you are interested in finding out what PAFA has to offer, join us for this special tour. Explore the PAFA museum, featuring an amazing permanent collection of American art and special exhibitions, and go behind-the-scenes with Mary McGinn, PAFA Painting Conservator, to see the artworks being restored in the PAFA Conservation Lab. Tour the school facilities including historic Cast Hall, and visit continuing education classes in action to meet current students and faculty. Includes lunch, which will be provided by Tableau, PAFA's new full-service café, run by Starr Events. **We will meet at the Arboretum and travel by small bus. Park in the meadow next to the entrance kiosk.**

**Thursday, October 29
9:30 a.m.—3:30 p.m.**

Members: \$65

Non-members: \$75

Register Now >

behind the scenes

Behind the Scenes at the Academy of Natural Sciences

Ruth Pfeffer

Birding Expert and Trip Leader

Join us for a behind-the-scenes tour of the Academy of Natural Sciences' amazing collection. The Academy, the oldest natural science institution in the Western Hemisphere, was founded in 1812 when Philadelphia was the cultural, commercial, and scientific center of our new nation. The Academy's collection now contains more than 17,000,000 specimens. While the Academy has exhibits open to the public, it has large collections that are used primarily by researchers. This is what our trip will focus on. We will see bird and insect specimens collected by pre-eminent ornithologists and entomologists. We will also have the opportunity to see some of the priceless books in the Academy's library. Park in the meadow next to the entrance kiosk. **We will leave from the Arboretum and travel by van. Space is limited. Lunch will be at the Academy's Bistro and is not included in the cost of the trip.**

Friday, November 13

9 a.m.—3 p.m.

Members: \$85

Non-members: \$90

Register Now >



Morris Treasures at the Penn Museum

Anthony Aiello

The Gayle E. Maloney Director of Horticulture and Curator, Morris Arboretum

Members of a distinguished Philadelphia family, much of John and Lydia Morris' wealth came from their family business, the I. P. Morris & Co., among the nation's leaders in iron manufacturing, supplying national and international demand for engine and infrastructure components. Along with creating the Morris Arboretum, John and Lydia Morris were benefactors to many cultural institutions throughout Philadelphia. One of these was the University of Pennsylvania Museum, where John and Lydia are among the earliest and leading benefactors of the museum's collections. The museum has a large number of objects that resulted from John and Lydia's travels around the world. Join us as we take a private tour of the Morris objects in the Penn museum. The tour will include objects in the galleries, and we will also have a chance to see objects not normally on display in the Museum. Following our tour we will have lunch, which is included in the cost of the trip, at the museum's Pepper Mill Cafe. **We will meet at the Arboretum and take a small bus. Park your car in the meadow to the left of the entrance kiosk and meet the trip leader there.**

Friday, November 6

9 a.m.—3 p.m.

Members: \$70

Non-members: \$80

Register Now >

health and wellness

Walking Mindfulness Meditation

Sara Trohaugh

Yoga Instructor and Owner, Restorative Bodywork

Mindfulness meditation is a form of meditation designed to develop the skills of deep listening to our inner and outer experiences with acceptance, patience, and compassion. Mindfulness guides us to become more aware of thoughts and the sensory world: of what we are hearing, feeling, smelling, and experiencing through the body in the present moment, either inside or outside of ourselves.

Amidst the beautiful setting of the Arboretum, this class will guide us to use mindfulness mediation practices to enjoy the beautiful surroundings of nature and be fully present with ourselves as we stroll through the Arboretum. **Please wear comfortable walking shoes and dress for the weather.**

**Four Wednesdays: September 23, 30, October 7, 14,
Raindate: October 21**

1—2 p.m.

Register Now >

Members: \$75

Non-members: \$80

Save Your Back!

Lucy Dinsmore

Horticulturist, Morris Arboretum

Learn tools and techniques to save your back in the garden. You will learn proper body mechanics from a young(ish) gardener who knows about back pain. After years of experience with physical therapy, yoga, pilates, and the dreaded gym, Lucy will share how to stay strong whether gardening for a living or for fun. You will learn strengthening exercises, try out gardening tools, and end with some restorative stretches to leave you feeling tall and strong. **You will be active in this class, so dress for the outdoors and**

come prepared to stretch! This class meets at Bloomfield Farm. Look for the paved road across Northwestern Avenue from the public garden entrance. Park in the lot and follow the signs to the Horticulture Center.

Saturday, October 10

10 a.m.—12 noon

Raindate: October 24

Members: \$25

Non-members: \$30

Register Now >

Tai Chi in the Garden

Al Smith

Practitioner Member, National Qigong Association

Do you want to reduce stress, quiet down, move in a slow, balanced way, and cultivate energy? In the beautiful outdoor setting of the Morris Arboretum we will share in the practice of the healing art of Tai Chi. Tai Chi is an ancient Chinese tradition that today is practiced as a graceful form of exercise. It involves a series of movements performed in a slow, focused manner accompanied by deep breathing. Often described as meditation in motion, Tai Chi promotes serenity through gentle, flowing movements. We will begin with Tai Chi Easy™ Level 1, no previous experience is needed. Al Smith has more than 200 hours of teacher training from the Institute of Integral Qigong and Tai Chi. **Please wear loose-fitting clothing to the class.**

**Four Tuesdays: September 15, 22, 29, October 6
10:30—11:30 a.m.**

Members: \$75

Non-members: \$80

Register Now >

health and wellness

Tai Chi 2: Beyond the Basics

Al Smith

Practitioner Member, National Qigong Association

The healing art of Tai Chi welcomes you. This ancient Chinese tradition has been portrayed as a “moving meditation.” A whole body experience, it will focus on movement, stillness, breath, and balance. Level 2 will add forms to those of the Tai Chi Easy Sequence practiced in Level 1. A unique Chinese form known as “The Swimming Dragon” will be offered. The practice of this beautiful exercise will increase the production of chi and enhance its circulation throughout the body. This class will build on what you learned in

Tai Chi in the Garden. **PREREQUISITE:** **Tai Chi Easy Level 1 or some Tai Chi/Chi Kung experience.** Please wear loose-fitting clothing to the class.

Four Tuesdays: September 15, 22, 29,

October 6

12 noon—1 p.m.

Members: \$75

Non-members: \$80

Register Now >





Growing Minds at Morris Arboretum 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 Arboretum. 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. Take a look and sign up for these programs that are certain to be enriching, fun, and memorable!

WEEKDAY DAYTIME CLASSES

Seeds to Sprouts, Autumn Adventures! (Ages 2–4)

Pam Newitt

Educator and Founder, Nature By The Yard

Is your toddler a budding naturalist? Join us this fall for a series of outdoor adventures designed to introduce children and their caregivers to the wonders of the natural world! Each session will include guided exploration through the Arboretum and a craft to take home. Children must be walking and accompanied by an adult. Please dress for the outdoors and for the weather. Class size is limited to the first 15 registrants. This is our most popular children's series! Sign up for one or both sessions – each class is a new adventure!

Session I- Six Mondays: September 14, 21, 28, October 5, 12, 19

**Session II- Six Mondays: October 26, November 2, 9, 16, 23, 30
10:30—11:30 a.m.**

Members: \$120 for each six-week session

Non-members: \$150 for each six-week session

Members: \$220 for both sessions (I and II)

Non-members: \$280 for both sessions (I and II)

Register Now ➤

Storytime Nature Yoga (Ages 2–4)

Deirdre Vezirov Kilkenny

Certified yoga instructor, Springboard Studio

Join us for a four-week session of special kid-friendly yoga, as we explore movement together through nature-focused stories and songs. Class begins with circle-rhymes and centering warm-ups, then we move to a story with some songs sprinkled in, and finish with sweet relaxation! Come prepared to stretch, and learn some fun poses with your little one. Bring your yoga mat if you have one, or a towel. If the weather permits, we will hold class outdoors!

**Four Fridays: September 25, October 2, 9, 16
10:30—11:15 a.m.**

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

Register Now ➤





Storytime at the Arboretum (Ages 1-5)

Tegan Conner

Youth Services Librarian, Wissahickon Valley Public Library

Amy Ambler

Children's Librarian, Free Library of Springfield Township

Join us for fun and engaging reading sessions with local librarians. Each session is tailored to the changing seasons and complements the natural setting of the Arboretum. Storytime is held outdoors in nice weather, at the Outdoor Children's Classroom, next to the Widener Visitor Center. In the case of inclement weather, Storytime is held in the Upper Gallery at the Visitor Center.

Fridays: September 11, 25, October 23, 30, November 6, 20, December 11, 18
10:30 – 11:00 a.m.

Storytime is free for members. For non-members, Storytime is free with Arboretum admission. Advance registration is required for each session.

Register Now

After School

Kids Click-- Kids Photography Workshop (Ages 8-12)

Kim Soles

Photographer and Founder, Indigo Nature Arts

This six-week photography workshop offers kids the opportunity to get out in nature, be creative, and have fun while capturing the Morris Arboretum's changing landscape of fall! Kids will learn the basics of lighting, color, texture, composition, and depth of field. They will also gain knowledge of how photographers make a living, and will be inspired with assignments they can choose from. Our last session ends with a presentation of the child's work on screen. They will gain experience in presenting and the basics of a photographic critique. Children must have their own camera, know how to use it, and make sure that it has been charged before arriving to class. Film cameras are welcome. iPhone cameras are acceptable in cases where a camera is not available.

Six Tuesdays: October 6, 13, 20, 27, November 3, 10
4—5:30 p.m.

Members: \$85
Non-members: \$100

Register Now





On Weekends

Nature Sleuths (Ages 5-7)

Pam Newitt

Educator and Founder, Nature by the Yard

Autumn is a wonderful time for children to explore the great outdoors, developing their intellectual curiosity while having fun in nature! Join us to take a close look at trees, birds, and other wildlife that call the Morris Arboretum home. Each session will focus on a particular topic of the natural world, delving into how it fits into the Arboretum's web of life. One week we may use binoculars to find migrating birds, while another week we may follow the colorful progress of the leaves' changing fall colors; all within the safe confines of the Arboretum's trails. Then back inside, we will create a take-home project related to our outdoor adventures.

Four Sundays: September 27, October

4, 11, 18

2—3 p.m.

Members: \$80

Non-members: \$100

Register Now >

How Does Nature Inspire You? Kids' Art Series (Ages 6—9)

Jennifer Leibert

Museum Educator

In this four-week series, we will look to nature, grand and small, for creative inspiration. We will walk through the gardens of Morris Arboretum to observe from nature and art, and then go inside to draw, print, build, and design! We will use things found in nature and recyclable goods to create puppets that help us understand why recycling is so important to our community and environment. We will explore the Arboretum's artwork, and see how it inspires our own work. We will examine patterns in nature and make stamps, too! Each class will include exciting nature studies and fun art activities taught in a friendly and supportive environment. All supplies are provided. Come dressed for the weather and fun!

Four Sundays: October 25, November

1, 8, 15

11 a.m.—12:45 p.m.

Members: \$100

Non-members: \$110

Register Now >

Kids' Holiday Cookies (Ages 5-10)

Josh Hunter

*Morris Arboretum Chef and Owner,
Company's Coming Catering*

With guided instruction, your little bakers will prepare, bake (adults will do this part), and decorate cookies to bring home proudly.

Saturday, December 12

For a complete description see page 6.

1—3 p.m.

Members: \$20

Non-members: \$25

Register Now >

creative expressions



Still Life with Ebony Pencils and Pastels

Allison Zito

Artist and Teacher

This drawing class will take a look at the works of three notable artists. We will consider Vincent Van Gogh, who gave his artwork a vitality and energy larger than the term "still life" suggests, and Georgia O'Keeffe who made a personal statement with her close-up floral imagery. Rene Magritte juxtaposed elements of nature in a way that is surreal and surprising. Students are welcome, though not required, to bring something to include in our class still life. We will draw in rich gray and black tones with soft ebony pencils. After creating our own unique compositions, we will draw with oil pastels bringing color to our artistic visions. Participants should dress to be creative or bring a smock. This will be a social class, so you are welcome to bring a snack and drink. All art supplies are provided.

Friday, September 25

10:30 a.m.—1 p.m.

Members: \$30

Non-members: \$35

Register Now >

Impressionist Painting

Allison Zito

Artist and Teacher

Vibrance and energy shimmer on the canvas of the impressionist painter. Working in an intuitive manner, they captured in color and rhythm the spontaneity of the moment. It was a time of change, a time of new ideas and innovation. These innovations took the impressionists outdoors to paint in the open air. The impressionist artists developed a kind of painterly short hand, using visible brush strokes to recreate the fleeting qualities of light as it danced across the natural world. In this class, we will discuss the impressionist artists. Everyone will be encouraged to develop their own personal intuitive style of painting. Like the impressionists, we will paint in the open air, with the breathtaking gardens of the Morris Arboretum as our own personal Giverny. (In the event of inclement weather we will paint indoors, from great works of the Impressionists.) Come to class dressed for the weather. All supplies are provided.

Saturday, September 26

10:30 a.m.—1 p.m.

Members: \$30

Non-members: \$35

Register Now >

creative expressions

Painting with Watercolor and Colored Pencil

Eileen Rosen

Art Teacher and Illustrator

What happens when you combine two very different mediums to paint a flower, fruit, or vegetable? This simple and enjoyable technique results in a vibrant, life-like painting. The first step is to paint a flat, one-color, simple shape that becomes the underpainting. Then a layering and blending of wax-based colored pencils adds glowing, realistic depth to the painting. Eileen's step-by-step demonstrations will explain the process. Fruits, vegetables and other plants will be provided. No previous experience is required. **Please bring the following supplies:** Already sharpened Prismacolor pencils; packaged in a black tin box that says "smooth color laydown." Do not purchase "water soluble", which also comes in a black tin box! Seven tubes of Cotman watercolors: Cadmium Yellow, Cadmium Yellow Light or Lemon Yellow, Cadmium Red, Permanent Rose, Ultramarine Blue, Cerulean Blue, and Chinese White. Also bring a pencil sharpener, a small container for water, a palette for mixing watercolors, a watercolor brush and a small pad of either: Strathmore Bristol, smooth finish, or Strathmore Mixed Media, vellum surface. Michaels and A.C. Moore should carry these supplies.

**Three Saturdays: November 7, 14, 21
12 noon—3 p.m.**

Members: \$122

Non-members: \$135

Register Now

Mason Bee Nest Box Workshop

Louise Clarke

Horticulturist, Morris Arboretum

Honeybees aren't the only bees that pollinate flowers. Mason bees are native bees important for pollination. They are very productive and tend to achieve up to ten times more pollen fertilization than honeybees can in the same time frame. They are named mason bees because of their habit of making compartments of mud in their nests, which are made in hollow reeds or holes in wood made by wood-boring insects. Keeping non-stinging mason bees, even in urban spaces, is a surprisingly easy way to help the environment. South-facing garages, houses, or garden shed walls are ideal areas for establishing your nesting boxes. Louise will provide all of the materials and step-by-step instructions that you need to make a mason bee house to take home.

**Saturday, November 7
10—11:30 a.m.**

Members: \$38

Non-members: \$42

Register Now



creative expressions

Thanksgiving Harvest Centerpiece

Cheryl Wilks

Floral Educator, Florist, and Owner of Flowers on Location

During the Thanksgiving holiday season, mixing flowers and dried materials along with fruits and vegetables creates stunning arrangements. Learn some tricks to working with these natural materials, and create a fabulous centerpiece for your Thanksgiving table or to give as a hostess gift. Success is guaranteed. You will take home a unique and beautiful arrangement. Everything is included. **Bring a rectangular box to transport your finished arrangement home.**

Sunday, November 22

1—3:30 p.m.

Members: \$50

Non-members: \$60

Register Now >

Holiday Wreath

Cheryl Wilks

Floral Educator, Florist, and Owner of Flowers on Location

This workshop is designed for those who want to make their holiday wreath from fresh, loose boughs of greens. You will work with a wire ring and spool wire to construct your wreath. There will be a selection of ribbons and decorations to make it festive. All supplies will be provided. **Bring a pair of pruners and a box to take home your wreath.**

Saturday, December 5

10:30 a.m.—12:30 p.m.

Members: \$45

Non-Members: \$50

Register Now >

Holiday Tabletop Tree with Lights

Cheryl Wilks

Floral Educator, Florist, and Owner of Flowers on Location

You will create a special arrangement that is sure to put you into the holiday spirit. Create your own tree from long-lasting greens and choose your colors for bows and glass balls. We will also use fresh flowers to decorate this spectacular holiday arrangement that is 22 to 24 inches tall. Lights will be added to make the tree even more festive. Your tabletop tree will last four to five weeks. **Bring a pair of pruners and a box to take your tree home.**

Saturday, December 12

10:30 a.m.—1 p.m.

Members: \$50

Non-members: \$60

Register Now >

Create a Beautiful Holiday Arrangement for your Table or Mantle

Cheryl Wilks

Floral Educator, Florist, and Owner of Flowers on Location

Design a beautiful, long-lasting arrangement for your table centerpiece or fireplace mantle. There are a number of shapes to choose from, and they will be demonstrated. You will have a wonderful assortment of greens, flowers, branches, candles, accessories, and more to choose from to make your one-of-a-kind arrangement. **Bring a rectangular box to transport your design home.**

Saturday, December 19

10:30 a.m.—12:30 p.m.

Members: \$50

Non-members: \$60

Register Now >

How to Grow a Lush, Green Lawn

Vince Marrocco

Chief Horticulturist, Morris Arboretum

Lawn care is best done in the fall after the heat of summer has passed. Learn how you can have a beautiful lawn without lots of work. Get tips on when to plant, how to plant, and what seed to use, as well as techniques for troubleshooting problems with an already established lawn. Vince will share his common sense approach to applying fertilizer and controlling weeds.

Wednesday, September 16

7—9 p.m.

Members: \$25

Non-members: \$30

Register Now >

Containers for all Seasons

Paul D. Orpello

Horticulturist, Morris Arboretum

Containers have become a permanent fixture in the modern landscape. Whether you have planted one or one thousand, they still seem to excite the senses with new possibilities.

Planting containers for the garden can be a seasonal operation, one that changes, develops, and enhances your landscape throughout the changing of the seasons. Containers can add depth and diversity to a small space or courtyard setting, or they can be used to evoke elements of style and architecture in a larger-scale garden. They can also be effectively used to add permanent plantings of extraordinary specimens. During this one-hour lecture Certified horticulturist, Paul Orpello, will discuss the keys for successful container planting in any season. Paul will cover proper siting, selection, and various themes for all conditions. After the lecture, Paul will demonstrate several different installations and styles of container gardening. He will also review the container plantings located in and around the garden with a short guided tour.

Join us for a fantastic and fun-filled adventure through the world of container gardening!

Tuesday, October 6

10 a.m.—12 noon

Members: \$25

Non-members: \$30

Register Now >

Get Your Garden Ready for Winter

Joshua Darfler

Retail Operations Manager, PHS

Meadowbrook Farm

Do you spend every spring cleaning up “winter damage” on your plants? Plants like cherry laurel and rhododendron often struggle through the winter and require additional attention in the fall to prepare them for the cold. Find out what you can do now to prepare your plants for winter and kiss winter damage problems goodbye. Josh also holds a master’s degree in public horticulture from the Longwood Graduate Program.

Tuesday, October 6

6:30 – 8:00 p.m.

Members: \$25

Non-members: \$30

Register Now >



horticulture



Beekeeping 101: A Workshop for the Bee-Curious!

Stephanie Bruneau

Beekeeper, Owner, The Benevolent Bee

Did you know that you can enjoy honey, beeswax, pollen, and the miracle of bees right in your backyard? Backyards (and even rooftops) are often excellent locations for beehives. Aside from the fact that a healthy hive can produce several gallons of delicious, honey every year, working with bees is tremendously enjoyable. In this one-session introductory workshop, you will gain an understanding of the fascinating world of the honeybee. We will talk about what it takes to keep a busy, productive hive of bees happy; where to get bees of your own; how to set up and maintain a hive; and what types of activities and time commitment are required throughout the year. This is a beginner's workshop, so no previous knowledge is required. The workshop will include time for Q&A, and for honey tasting!

Saturday, October 10

10 am—12:30 p.m.

Members: \$34

Non-members: \$38

Register Now >

Great Indoor Plants

Joshua Darfler

Retail Operations Manager, PHS

Meadowbrook Farm

Do your winters involve maintaining an ever growing collection of indoor plants? As plant lovers, many of us push the limits of our windowsills and experiment with an ever growing variety of plants. If you are looking for some tips and tricks to keep your staghorn fern happy, or wondering how to get your amaryllis to bloom again this year, we will make sure you are ready for a great winter of indoor plant growing. Josh also holds a master's degree in public horticulture from the Longwood Graduate Program.

Thursday, October 15

6:30—8:30 p.m.

Members: \$25

Non-members: \$30

Register Now >

Horticulture

Perennially Proper

Paul D. Orpello

Horticulturist, Morris Arboretum

Join staff horticulturist Paul Orpello, Certified Professional Horticulturist, as he delves head first into the wonderful and exciting world of perennials. Paul will share his industry-based perennial expertise, as well as the experience he has accumulated over his eighteen-year career. Learn first-hand, the tips and techniques to keep your perennials at the top of their game all season long. Paul will touch on everyone's favorite perennial hot spots, from the best of the border, the wonders of the woodland, to the stars of the meadow. No matter the setting, you will discover the essentials for perennial garden success. This class will consist of a two-hour informative lecture. Paul will cover all facets of perennial gardening from top to bottom. He will discuss proper selection, location, installation, culture, and maintenance. The lecture will be followed by an outdoor walking tour and an interactive hands-on maintenance session. Don't miss out on this passionate exploration of all things perennial! **Please bring your lunch and something to drink.**

Saturday, October 24

10 a.m.—2 p.m.

Members: \$54

Non-members: \$60

Register Now >

Orchid Workshop

Beth Davis

Waldor Orchids

Learn how you can grow exquisite orchids as houseplants and pot up one to take home. By applying proper cultural techniques to vigorous orchid varieties, you can grow these exotic plants in your home or greenhouse and have them flourish. Beth will review orchid growing supplies, nutritional requirements, grooming techniques, and pest and disease control. She will demonstrate how to pot a bare-root plant. You will then pot up your own beautiful orchid to take home and enjoy. Additional plants will be available for sale at the end of the workshop. Beth is a third generation orchid grower. If you have an orchid that is not thriving, bring it to class and Beth will offer suggestions for how to make it grow better. Beth has worked at Waldor Orchids in Linwood, New Jersey for nearly 20 years doing many different jobs including orchid growing and lecturing. **Bring a box to take home your orchid.**

Tuesday, October 27

7—9 p.m.

Members: \$43

Non-members: \$48

Register Now >

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Fall Courses 2015 at the Morris Arboretum



horticulture



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Gardening with Ornamental Grasses

Lucy Dinsmore

Horticulturist, Morris Arboretum

Grasses add texture, movement, color, screening, seasonal interest, environmental benefits, and so much more to the garden. They are also beautiful and underutilized. We will discuss how and where to use them, along with their grass-like cousins - from sun to shade, dry to wet, and other situations. This class will start with a presentation indoors and end with a walking tour of the ornamental grasses planted throughout the Arboretum. **Please dress appropriately for walking outdoors.**

Saturday, November 7

10 a.m.—12 noon

Raindate: Saturday, November 14

Members: \$25

Non-members: \$30

Register Now >



Beauty in a Unique Habitat: The Serpentine Barrens

Dr. Tim Block

*The John J. Willaman Director of Botany,
Morris Arboretum*

Called “barren” by early Pennsylvania farmers because they could not support crops, serpentine barrens are actually rich in plant life particularly adapted to this unique terrain characterized by thin soil and bare, light green rock. Join Tim Block on this day-long trip as he explains the significance of the area and points out the rich flora living there. It is easy to see the striking difference between the serpentine communities and the surrounding deciduous forests. Goat Hill Barrens in Chester County, one of the best remaining examples of this unusual habitat, will be one of the stops on this trip. Goat Hill is part of the State-Line Serpentine Barrens, the largest occurrence of serpentine barrens in the eastern United States. The serpentine aster, a tiny plant found only in these barrens, may be in bloom. **We will meet at the Arboretum and go by small bus. Park in the meadow next to the entrance Kiosk. Bring your lunch and something to drink. Wear good walking shoes.**

Tuesday, September 29

8:30 a.m.—4:00 p.m.

Members: \$75

Non-members: \$80

Register Now ➤

Goldenrods and Asters

Dr. Ann Rhoads

*Retired Director of Botany, Morris
Arboretum*

Goldenrods and asters are the most conspicuous components of the fall wildflower display. We will start by examining the characteristics that define *Asteraceae*, the family to which both belong. The bulk of our time will be spent using keys to identify species. Part of the course will be spent indoors in order to use dissecting microscopes to become familiar with the fine details of these plants’ flowering heads. We will also venture into the meadows at the Arboretum to see some species in situ. **Please bring your lunch and something to drink.**

Tuesday, October 6

10 a.m.—2 p.m.

Members: \$54

Non-members: \$60

Register Now ➤



botany



Mosses of Fulshaw Craeg Preserve

Keith Bowman

Moss Ecologist

On this trip we will explore the moss community found in the understory of a deciduous forest. We will visit the Natural Lands Trust's Fulshaw Craeg Preserve located near Sumneytown in upper Montgomery County. On our journey we will meet many of the mosses and liverworts that can be found on a moist roadside bank, on boulders, logs, tree bases, and in streamside habitats. We will identify the mosses and liverworts with a focus on their key features, and the relation of those features to the ecology and biology of the mosses and liverworts. The 300-acre preserve is very special because it is perhaps the best remaining example of an intact, relatively undisturbed forest in southeastern Pennsylvania. **Park in the meadow to the left of the entrance kiosk. We will travel by small bus. Bring your lunch and something to drink.**

Friday, October 16
9 a.m.—2:30 p.m.

Members: \$65
Non-members: \$70

Register Now >

Fall Botany at Delhaas Woods

Janet Novak

Past President, Philadelphia Botanical Club

Near the strip malls and auto dealerships of Bristol, PA is a surprising botanical gem: Delhaas Woods. This site is probably Pennsylvania's most intact area of coastal plain, a low-lying region with sandy or gravelly, acidic soils. As such, Delhaas Woods is a refuge for numerous plants that are endangered or threatened in the state. We will see a bog and a wet meadow, where, if we are lucky, we will see a gentian in bloom. We will also see a coastal-plain forest with characteristic trees (such as willow oak, sour gum, and sweet gum) and shrubs (such as sweet pepperbush, winterberry, and fetterbush). **The trip will involve around two miles of walking on flat ground with good trails. In the wet meadow, you will have the option of staying dry on the trail or walking onto soggy ground to get a closer look at the plants, so choose your footwear accordingly. We will leave from the Arboretum in a small bus. Park in the meadow next to the entrance kiosk. Bring your lunch, and something to drink.**

Saturday, October 17
9 a.m.—2 p.m.

Members: \$65
Non-members: \$70

Register Now >

KA-POW! Cacao! How One Tropical Fruit Became the Irresistible Treat that is Chocolate.

Dr. Cindy Skema

Research Botanist, Morris Arboretum

In this lecture we will explore the fascinating history of the cacao plant, from its evolutionary origins through four millennia of human consumption (and counting). We will discuss the botany of the cacao plant, what exactly chocolate is, and then touch on current cultivation, breeding, and pest issues. We will end on a somber note: a contemplation of the possibility of an impending chocolate shortage. This class is not to be missed by amateur botanists, chocolate lovers, tropical plant enthusiasts, and foodies.

Thursday, November 5
7—8:30 p.m.

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

Register Now >

Winter Tree Identification

Tim Block

*The John J. Willaman Director of Botany,
Morris Arboretum*

And you thought that all trees look alike in winter! Learn to see both the obvious as well as the more subtle characteristics that make winter identification interesting. The class will begin indoors with a lecture introducing essential identification techniques and a review of important winter characteristics such as bud morphology, habit, leaf and bundle scars, bark, and fruit. The group will then move outside for a stroll through the Arboretum to put your knowledge to work. **Dress for the weather.**

Tuesday, November 3
10 a.m.—12 noon

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

Register Now >

landscape design series

Beautiful Gardening in Small Spaces

Toni Ann Flanigan

Garden Designer, Philadelphia Garden, Inc.

You don't have to be Lord Downton to cultivate sumptuous beauty at your diminutive estate. Learn ways of re-thinking the design of your private acreage even if it is only 1/8 of an acre. Whatever your space, Toni Ann will inspire you as she shares her tricks of the trade and the many tips she has developed during her 30 years as a professional garden designer with a specialty in small spaces. The lecture will include choosing good plants that are beautiful and just right for the scale of smaller gardens. Container gardens will be covered. You will also learn about different paving options, fencing details, and choosing garden accents.

Saturday, September 26

10 a.m.—12 noon

Members: \$25

Non-members: \$30

Register Now 

Remarkable Perennials, Flowering Shrubs and Annuals for Non-Stop Color

Kerry Ann Mendez

Garden Designer, Author, and Owner of Perennially Yours

This lecture features new introductions, as well as favorite stalwarts, for easy-care gardens that outperform the competition. Mixed borders provide outstanding color and interest year-round! Design tips include sustainable practices. Featured plants will be pollinator-friendly and will require less water, fertilizer, and no pesticides. Many will also be low or no-deer browse.

Thursday, October 1

6:30—8 p.m.

Members: \$25

Non-members: \$30

Register Now 

The Right-Size Flower Garden: Exceptional Plants and Design Solutions for Aging and Time-Pressed Gardeners

Kerry Ann Mendez

Garden Designer, Author, and Owner of Perennially Yours

This inspiring lecture provides easy-to-follow, right-sizing strategies, recommended no-fuss plant material, sustainable practices, and design tips for stunning year-round gardens that will be as close to 'autopilot' as you can get. Featured plants include perennials, flowering shrubs, annuals, bulbs, and evergreens. Participants will be challenged to rethink how they use their landscape so that it offers two levels of sustainability: for both the planet and for one's ability to garden for life!

Friday, October 2

10:30 a.m.—12 noon

Members: \$25

Non-members: \$30

Register Now 

Who Needs Hostas? Creating a Beautiful Native Shade Garden

Marc Radell

Master Gardener, Penn State Extension, Montgomery County

Gardening in the shade can be difficult. In addition to low light levels, soils are often too dry or too moist. In this situation, many gardeners default to planting hostas, a familiar source of foliage with occasional flowers. But why plant Asiatic hostas just because the neighbors do? Why not create a beautiful native shade garden instead? There are a wide variety of Pennsylvania woodland plants suitable for home landscapes, and they offer everything from spring blossoms through textured summer greenery and colorful autumn foliage to interesting winter features. Come learn about these low-maintenance plants and

landscape design series

the many choices you will have in designing your own four-season native shade garden. In addition to making a more enjoyable landscape for you and your family, you will be helping the local ecosystem by using plants that support our songbirds and other native wildlife.

Tuesday, October 13
7—9 p.m.

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

Register Now >

Small Trees For Residential Landscapes

Louise Clarke
Horticulturist, Morris Arboretum

Today's home landscapes are often smaller and busy lifestyles mean less time for property maintenance. Join Morris Arboretum

horticulturist Louise Clarke as she discusses small trees suited for residential properties—those that typically grow less than forty feet tall. We will consider trees that bloom from spring to summer, including natives and non-native varieties. Learn about placement, light and moisture requirements, soil conditions, planting techniques, and other pertinent cultural tips to help you make the best choice for your property. The class will consist of a lecture and a walk through the Arboretum's living collection to see small tree specimens.

Dress for the weather.

Saturday, October 17
10 a.m.—12 noon

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

Register Now >

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Fall Courses 2015 at the Morris Arboretum

landscape design symposium

Join us on **January 14 and 15** for the 27th annual Winter Landscape Design Symposium. This two-day symposium held at Montgomery County Community College in Blue Bell, PA, is an in-depth examination of the state of the art of naturalistic landscape design. Speakers represent a diverse and accomplished group of designers, horticulturists, ecologists, and artists in an interactive and informal setting. Continuing education units for landscape architects will be available. Brochures will be available in November. To request a brochure, please call (215) 247-5777, ext. 125 or e-mail jlm@upenn.edu. **Sign up online at online.morrisarboretum.org/LDS.**



calling all birders

Birding at Carpenter's Woods, a Hotspot for Migrants

Keith Russell

Audobon Pennsylvania Program Manager for Urban Conservation

Carpenter's Woods was originally added to the Fairmount Park system during the 1920s as a bird sanctuary. Since then it has remained one of the most popular and important locations in the Philadelphia region to find migrating land birds. We should see a variety of species including warblers, vireos, thrushes, flycatchers, and rarities like red-headed woodpecker, olive-sided flycatcher and golden-winged warbler are possible. **We will meet at Carpenter's Woods located in West Mt. Airy in northwest Philadelphia. Gather at the parking area where Wayne Avenue intersects with Sedgwick Street along the south side of the woods. Bring your binoculars.**

**Wednesday, September 23
7:30—10:30 a.m.**

Members: \$20

Non-members: \$25

Register Now >

Birding Aboard the A.J. Meerwald, an Historic Oyster Schooner

Ruth Pfeffer

Expert Birder and Trip Leader

We will sail on the A. J. Meerwald, an historic oyster schooner, for a morning of birding and history in the Delaware Bay. We hope to see migrating hawks and a variety of waterfowl. Ruth will help us locate birds, while the schooner's crew will share stories of the history of the ship, New Jersey's oyster industry, and the natural history of the area. The Meerwald is a unique vessel that evolved to meet the needs of the local oyster fishing industry. Launched in 1928, it was one of hundreds of schooners built along South Jersey's Delaware Bay before the decline of the shipbuilding industry during the Great Depression. **Bring binoculars, your lunch, and something to drink. Meet at the Arboretum. We will drive by bus to Greenwich, New Jersey to meet the schooner.**

**Saturday, September 26
7:15 a.m.—4:30 p.m.**

Members: \$100

Non-members: \$110

Register Now >



calling all birders

Birding at the Arboretum: The Wetlands and Tree Canopy

Keith Russell

*Audubon Pennsylvania Program Manager
for Urban Conservation*

Join Keith and explore some of the hotspots for birds at the Morris Arboretum. We will visit the Arboretum'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, sparrows, and warblers. We will also have a chance to look for birds on the tree canopy exhibit, *Out on a Limb*, which provides us with a great vantage point for viewing birds at treetop level. This session is for beginning or experienced bird watchers. Bring your binoculars. Park in the meadow next to the Arboretum entrance kiosk and meet Keith there.

Saturday, October 10

8—11 a.m.

Members: \$20

Non-members: \$25

Register Now >

Your Yard Is for the Birds

Ruth Pfeffer

Expert Birder and Trip Leader

Learn how to identify backyard birds and get tips on how to attract them. With an illustrated lecture, Ruth will highlight birds in our area and the time of year you can expect to see them. She will consider birds that frequent our yards throughout the year, as well as migrating birds and those of conservation concern. Using close-up pictures, Ruth will help you sharpen your identification skills. She will discuss the basic elements birds require to live including food, water, shelter, and places to raise their young, and she will highlight a variety of native plants that create desirable habitat. After the lecture, weather permitting, we will go outside in the Arboretum to

observe birds and discuss their diverse habitat requirements. Meet at the Arboretum Visitors Center. Bring binoculars.

Saturday, October 24

8—11 a.m.

Members: \$25

Non-members: \$30

Register Now >

Behind the Scenes at the Academy of Natural Sciences

Ruth Pfeffer

Birding Expert and Trip Leader

For a complete description see page 9.

Friday, November 13

9 a.m.—3 p.m.

Birding at FDR Park, a Philadelphia Hotspot

Keith Russell

*Audubon Pennsylvania Program Manager
for Urban Conservation*

Franklin Delano Roosevelt (FDR) Park, one of the best places in Philadelphia to observe birds, is located in the southernmost part of South Philadelphia. About 75 acres of the park are made up of natural lands, including ponds, wetlands, and lagoons, making it a great place to observe waterfowl. Audubon, Pennsylvania has designated the park as an Important Bird Area (IBA). We hope to see a variety of ducks that might include: northern shovelers, gadwall, American wigeons, redhead, lesser and greater scaup, bufflehead, ruddy ducks, ring-necked ducks, hooded mergansers, and American black ducks.

Many other species of birds may also be seen at the park from warblers and sparrows, to raptors. Meet at the Arboretum. We will drive by small bus. Park in the meadow to the left of the entrance kiosk. Bring you binoculars, your lunch, and something to drink.

Friday, December 4

9 a.m.—1 p.m.

Members: \$40

Non-members: \$45

Register Now >

connections beyond our garden

Talks on People, Plants and Place

Plants and gardens connect us to the larger world and myriad aspects of the human condition. Now in its 6th year, this series will present three important and interesting talks that make connections, and share impacts from very different perspectives.

A reception will follow each presentation. Reservations and payment are required in advance as space is limited. The cost is \$15 for members and \$20 for non-members. To register, call (215) 247-5777, ext. 125, or go to online.morrisarboretum.org/classes.

Tropical Conservation via Biodiversity Development: a Real World Case from Costa Rica

Daniel Janzen

*DiMaura Professor of Conservation Biology,
University of Pennsylvania*

Why do caterpillars eat the plants they eat? Why do wasps and flies eat the caterpillars they eat? And why do they do it that way in a complex dry forest, rain forest, and cloud forest in northwestern Costa Rica? The answers, and the research processes themselves, have broad application to how one may use the biodiversity of a conserved tropical wildland by non-destructive use of land.

Daniel Janzen divides his time between his professorship in conservation biology at Penn and field work in Costa Rica at Area de Conservacion, Guanacaste (www.acguanacaste.ac.cr). One of the oldest, largest and most successful habitat restoration projects in the world, Janzen and his wife, Dr. Winnie Hallwachs, have spent decades constructing this World Heritage site devoted to answering the question....how can society use tropical wildlands, and all of their biodiversity, without destroying them?

Wednesday, October 7

2 p.m.

Members: \$15

Non-members: \$20

Register Now >



Getting and Giving—Tales of Cooking Seasonally and Eating Well for the Holidays

Christopher Hirsheimer and Melissa Hamilton

Owners of Canal House

Hirsheimer was a founder and executive editor, and Hamilton the test kitchen director and food editor of *Saveur* magazine. They now publish the award-winning series of seasonally inspired cookbooks, *Canal House Cooking* in Frenchtown, NJ. Together they do all the writing, recipe development, photography, illustrations, design and production. In addition to their cookbooks, and daily blog, *Canal House Cooks Lunch*, they collaborate on projects with notable chefs and restaurateurs, cookbook authors, editors, garden designers, food entrepreneurs and distillers including: Los Angeles chef and

restaurateur Nancy Silverton, Chicago's master chef and television personality Rick Bayless, and Kentucky's finest bourbon distillery, Maker's Mark. Hirsheimer and Hamilton will share stories from their travels all over the world, and from our own beautiful corner of the Northeast where they use ingredients found in most markets, building relationships with the people who grow, craft, raise, and sell the foods we eat.

Wednesday, November 11
2 p.m.

*Members: \$15
Non-members: \$20*

Register Now ➤

Beauty, Craft, and Creating Public Spaces in a City

Laurie Olin, Partner, OLIN

Bryant Park in NYC, Washington Monument Grounds in Washington DC, the American Academy in Rome, the U.S. Embassy in London, and, closer to home, the Barnes Foundation, Anne d'Harnoncourt Sculpture Garden, and Dilworth Park. These are just a

few of the projects from the portfolio of the internationally known firm OLIN. Dedicated to affecting positive change through landscape architecture, urban design and planning, the firm is known for creating iconic and vibrant landscapes. It advocates for the artful creation and transformation of the public realm, practicing in a range of scales, including ecological and regional systems that inspire engagement with the natural world.

Laurie Olin, winner of the prestigious National Medal of Arts, a distinguished teacher, author, and one of the most renowned landscape architects practicing today, has guided many of OLIN's signature projects from vision to realization. He will speak about the sculpture gardens, parks, and civic spaces the firm designed between 1975-2015, the challenges of designing these types of projects, and what makes for a successful public space.

Wednesday, December 2
2 p.m.

*Members: \$15
Non-members: \$20*

Register Now ➤

Philadelphia Landmarks: Woodford and Laurel Hill Cemetery

Bob Gutowski

Trip Leader and Director of Public Programs, Morris Arboretum

We will start our day with a tour of Woodford, one of the most elegant survivors of the early "summer retreats" built by Philadelphia's well-to-do along the Schuylkill river. This country home was built in 1756 by William Coleman, a Philadelphia merchant, founder of the University of Pennsylvania, and close friend of Benjamin Franklin. Today, this National Historic Landmark is owned by the Fairmount Park Commission, and is furnished with an extraordinary collection of eighteenth and early nineteenth century antiques. After lunch, we will visit Laurel Hill Cemetery. In 1835, John Jay Smith, Laurel Hill's founder, envisioned a permanent, non-sectarian burial place as well

as a scenic riverside sanctuary for the living. A 78-acre tract was purchased overlooking the Schuylkill river in East Falls. Laurel Hill was designated a National Historic Landmark in 1998. Some notable burials include Philadelphia leading industrial magnates such as Rittenhouse and Strawbridge, Civil War generals, Titanic passengers, and Arboretum founders John and Lydia Morris. **We will leave from the Arboretum by small bus. Park in the meadow next to the kiosk. A picnic lunch is included in the cost of the trip.**

Thursday, October 1
9:30 a.m.—3:15 p.m.

*Members: \$80
Non-members: \$90*

Register Now ➤

Natural Areas in the Neighborhood

Tracy Beerley

Natural Areas Section Leader, Morris Arboretum

On this trip we will visit two natural areas close to the Arboretum. Our first stop is the Dixon Meadow Preserve at neighboring Erdenheim Farm. The Whitemarsh Foundation has successfully completed construction of this 14-acre wetland and meadow preserve with a newly constructed boardwalk that provides spectacular wildlife viewing. Bobolinks, a relatively rare grassland bird, have been spotted here. Kim Sheppard, Whitemarsh Foundation President, who was instrumental in helping preserve portions of Erdenheim Farm, will fill us in on the history of the project and Rick Collier, a planner from LandConcepts, will highlight the plantings found here. We will then head to the Gwynedd Wildlife Preserve, a 279-acre oasis of meadows, woodlands, and wetlands nestled among the highly developed suburbs of Blue Bell and North Wales. After more than a century in agriculture, the preserve's fields are being carefully restored. We will walk along the trails with preserve manager Tom Kershner and learn about the re-emerging ecosystem of native flora including warm-season grasses and native wildflowers. **We will leave by small bus from the Arboretum. Park in the meadow next to the entrance kiosk. Dress for the weather. Bring your lunch and something to drink.**

**Friday, October 2
9 a.m.—1:30 p.m.**

Members: \$50

Non-members: \$55

Register Now >

Trip to the Wagner Institute Collection and Lantern Slide Salon

Leslie Morris-Smith

Archivist, Morris Arboretum

We will take a late afternoon trip to visit the collections at the Wagner Free Institute of Science and stay for their third annual lantern slide salon. The salon will be held in the Wagner's unchanged Victorian lecture hall using an original lantern slide projector. Lantern slides were used for entertainment and to illustrate educational programs and courses. This salon will bring together some unique and rarely-seen images. Join us for a rare treat as they revive an old technology in order to see more than six globally significant lantern slide collections drawn from the libraries and archives of Philadelphia's most significant cultural and educational institutions. This program is part of Philadelphia Archives Month that you can check out on-line at <http://archivesmonthphilly.com>. **We will leave from the Arboretum by small bus. Park in the meadow next to the Kiosk. Snacks will be provided during our trip.**

**Wednesday, October 14
4—9 p.m.**

Members: \$80

Non-members: \$90

Register Now >

Walking Tour of West Laurel Hill Cemetery

Barry Jeffries

Landscape Architect and Arboretum Guide

Come join us as we explore the historic West Laurel Hill Cemetery and its natural beauty as the seasons change. Located in Bala Cynwyd, Lower Merion Township, overlooking the Schuylkill River and Manayunk, the cemetery's 185 acres are arranged in the "landscape lawn" manner with winding roads and undulating hills accented by distinctive specimen trees. We will examine its compelling landscape history and beauty as well as its stunning architectural treasures. Recognized as a national historic register site, it contains over 275 free-standing family mausoleums, commemorating the lives of many famous Philadelphians. Some notables include W. Atlee Burpee, pioneer seedsmen, Anna Jarvis, founder of Mothers' Day, and many late 19th-century industrialists. **We will meet at West Laurel Hill Cemetery. Follow the directional signs from the cemetery entrance at Belmont Avenue to the Conservatory/Bell Tower where we will meet. For directions go to the West Laurel Hill Cemetery website at: <http://forever-care.com/contact.php>**

Saturday, October 17

1—3 p.m.

Members: \$25

Non-members: \$30

Register Now 



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International Society of Arboriculture Continuing Education Units

The Arboretum's professional training courses carry International Society of Arboriculture Continuing Education Units. If you are an ISA certified arborist and need to maintain certification by taking 30 credits over a three-year period, you may want to sign up for classes at the Arboretum. If you have questions or need more information, please contact Jan McFarlan at (215) 247-5777, ext. 156 or jlm@upenn.edu. The ISA category code for CEUs is as follows: Science=S, Practice=P, Management=M.

Introductory Tree Climbing

Zach Shechtman

Owner, Shechtman Tree Care

Rob Thigpen

*Foreman, Shechtman Tree Care and ISA
Penn-Del Chapter Climbing Champion*

This class provides an introduction to tree climbing and features the opportunity to have supervised climbing instruction in trees. It is ideal for tree companies looking to advance promising groundsmen, or gardeners and landscapers looking to get off the ground. Effective methods for climbing trees will be demonstrated by instructors and practiced by students. Safety rules will be reviewed and stressed. Students will learn how to tie critical knots regularly used by arborists. Included in the fee, each student will receive a copy of *The Tree Climbers Companion*, by Jeff Jepson, a great resource for climbers. **Bring an arborist's rope and saddle, a hard hat, gloves, safety glasses, and insect repellant to the class. Wear boots, long pants, and dress for the weather.** We will meet at Bloomfield Farm. Look for the paved road across Northwestern Avenue from the public garden entrance. Park in the lot and follow the signs to the Horticulture Center. This course carries 17.25 CEUs for ISA certified arborists (S=0, P=17.25, M=0).

Wednesday, Thursday, Friday
September 30, October 1, 2
9 a.m.—4 p.m.

Fee: \$525 (includes lunch)

Register Now ➤

Field Identification of Landscape Trees

Ken LeRoy

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

Join us for a two-day 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 to see specimens of the plants we discuss. You may want to purchase the Sibley *Guide to Trees*, available in the Arboretum bookstore, and a good reference for tree identification. Please dress for the weather. **We will meet at the Horticulture Center at Bloomfield Farm on the first day. Look for the paved road across Northwestern Avenue from the public garden entrance. Park in the lot and follow the signs to the Horticulture Center.** This course carries 11.5 CEUs for ISA certified arborists (S=5.5, P=6, M=0) and 6 CEUs for Pennsylvania landscape architects.

Thursday, Friday
October 8, 9
9 a.m.—4 p.m.

Fee: \$270 (includes lunch)

Register Now ➤

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Native Wildflower Meadows: Let's Get Real

Larry Weaner

*Principal, Larry Weaner Landscape Design
Associates*

Demand for native meadows, particularly as an alternative to lawn, is increasing and yet few types of landscape plantings are more misunderstood than the native wildflower meadow, with many failures resulting from inadequate planning and the use of poorly adapted plants. Far better results can be obtained when the plants and processes used reflect the ecological character of our naturally occurring meadow communities. More than one-year wonders, meadows modeled on these ecosystems can provide long-term, easily managed landscapes that harbor a myriad of wildlife and provide color and texture throughout the year. In this all-day, in-depth workshop, Larry Weaner will discuss the design, implementation, and management of native meadows, using a series of case studies featuring large and small-scale meadows as well as projects ranging in age from initial establishment to over ten years in existence. He will also illustrate how garden design principles can be used in the meadow for subtle visual effect and to create graceful transitions to more formal garden areas. Larry Weaner has been creating native landscapes since 1977. He founded Larry Weaner Landscape Associates in 1982 and has gained a national reputation for combining ecological restoration with the traditions of garden design. **This course carries 5.5 CEUs for ISA certified arborists (S=2, P=1.5, M=2) and 6 CEUs for PA landscape architects.**

**Wednesday, October 14
9 a.m.—4 p.m.**

Fee: \$135 (including lunch)

Register Now 



Tree Climbing for Women

Rachel Brudzinski

ISA Michigan Tree Climbing Female State Champion, 2012 and Arborist, New York Botanical Garden

Women can be talented, successful climbers even in a field traditionally dominated by men. Novice to advanced women climbers are welcome. This course will demonstrate climbing techniques geared to female climbers and provides a basic understanding of tree biology so critical for practicing arborists. The class will focus on how to create and maintain a safe working environment, develop fundamental arboricultural skills, and learn the professional techniques necessary to develop an approach for climbing a tree. You will learn some of the latest professional tree climbing advancements and have the opportunity to participate in supervised in-tree climbing. The second day of the course is designed for students who want to experience a deeper understanding of innovative arboriculture

school of arboriculture

techniques. Students will learn essential knots, daily gear maintenance, and integrated safety regulations mandated for climbing arborists. The second day of the class will focus heavily on climbing skills and various ascension and positioning techniques meant to further your comfort within the canopy.

Please wear appropriate clothing including long sleeves, flexible and durable pants, and high ankle/light weight footwear. If you have regulation climbing gear including a rope, harness, hardhat with chin strap, and eye protection, please bring it. You may also want to bring gloves. We will meet at Bloomfield Farm. Look for the paved road across Northwestern Avenue from the public garden entrance. Park in the lot and follow the signs to the Horticulture Center. Each day of this course carries 6 CEUs for ISA certified arborists. (S=0, P=6, M=0)

Saturday, October 3 and Sunday,

October 4

9 a.m.—4 p.m.

Raindate: Saturday, October 10 and

Sunday, October 11

**Fee: \$125 for one day (includes lunch),
\$250 for both days (includes lunch)**

Note: You may register for day one and not day two, but to register for day two only, you must have previous climbing experience.

Register Now >



Advancing Your Climbing Skills: Pruning, Rigging, and Removal with a Crane

Zach Shechtman

Owner, Shechtman Tree Care

Rob Thigpen

Foreman, Shechtman Tree Care and ISA Penn-Del Chapter Climbing Champion

This class, taught by experienced professionals, consists of three days of training in advanced arboricultural techniques. Instruction will cover the theory and practice of large tree pruning, including a component on tree physiology, structural pruning, and the latest ANSI standard. Each student will have an opportunity for hands-on experience using proper rigging techniques to safely lower wood from a standing trunk. Safe felling techniques and proper use of the latest equipment as well as the critical knots involved will be demonstrated. The last day of this course will consist of instruction and demonstration of the safe use of a truck-mounted crane for tree removal. Emphasis will be given to site selection, weight calculation, load distribution, and safe cutting techniques. Each student will receive a copy of *How to Fell a Tree* by Jeff Jepson, a book with step-by-step methods for taking down a tree and a copy of the ANSI Z133.1 standards. We will meet at the Horticulture Center at Bloomfield Farm. Look for the paved road across Northwestern Avenue from the public garden entrance. Park in the lot and follow the signs to the Horticulture Center. This course carries 17.25 CEUs for ISA certified arborists (S=2, P=13.25, M=2).

Tuesday, Wednesday, Thursday

October 13, 14, 15

9 a.m.—4 p.m.

Fee: \$525 (includes lunch)

Register Now >

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TRAQ – Tree Risk Assessment Qualification Course

Jim Flott

Certified TRAQ Instructor

Scott A. Sojlander

Urban Forestry Extension Associate

The TRAQ training course was created by the International Society of Arboriculture (ISA). This training opportunity is sponsored by the New Jersey Chapter of the ISA and hosted by The Morris Arboretum at Meadow Lakes Retirement Community in Hightstown, New Jersey. The course will provide a high level of training for arborists, landscape architects and landscape management professionals in the fundamentals of tree risk assessment. This qualification promotes the safety of people and property by providing a standardized and systematic process for assessing tree risk. TRAQ is a two-day course followed by a $\frac{1}{2}$ day assessment that includes both a written and a field component. The course prepares the participant to take the TRAQ assessment to become ISA Tree Risk Assessment Qualified. It is required that you attend the course and successfully complete the assessment in order to receive the ISA Tree Risk Assessment Qualification.

The content of this course will focus on the following areas: Tree Biology and Mechanics, Tree Inspection and Assessment, Data Analysis and Risk Categorization and Risk Reporting. The Tree Risk Assessment Qualification is valid for five years from the date the exam is passed. The qualification holder is required to retake the course and pass the exam every five years in order to maintain the qualification. To be able to register for the course and take the exam, you must have earned one of the following credentials:

- ISA Certified Arborist or BCMA
- A national certification or certificate in Arboriculture
- Licensing or certification from an approved state program

- SAF Certified Forester
- ASCA Registered Consulting Arborist
- A degree in arboriculture, urban forestry, traditional forestry, or horticulture from an accredited college or university.

Participants will receive course materials two weeks prior to the start of class. Bring these materials with you to the class. The class takes place at 300 Meadow Lakes Road off of Etra Road. Hightstown, NJ 08520. This course carries 14.5 CEUs for ISA certified arborists (S=2.5, P=6, M=6).

Thursday, Friday, October 22, 23

8 a.m.—5 p.m.

and Saturday, October 24

8 a.m.—12 noon

Fees: ISA Members: \$650 (includes lunches). Non ISA Members: \$750 (includes lunches). Exam retake only: \$150. Registration deadline: September 25.

Register Now 

Single Rope Techniques

Rob Thigpen

Foreman, Shechtman Tree Care and ISA Penn-Del Chapter Climbing Champion

Climbing techniques for arborists have advanced significantly in the last 20 years, with the adaptation of practices that were first developed by rock climbers and cave explorers. These techniques have made tree climbing easier and safer, and have brought a greater degree of professionalism to arboriculture. The use of throw balls to advance the lead into the tree canopy has introduced the use of a single line as a means of ascension into a tree rather than the more traditional double line technique. The use of one line in climbing is known as Single Rope Technique (SRT) and has become a skill that has proved invaluable to many working arborists. Please join us for a day with one of the masters of SRT, Rob Thigpen. This course will include some in-the-tree climbing, and is open only to arborists with field experience. Personal Protection Equipment (PPE) and individual

school of arboriculture

climbing gear are mandatory. We will meet at Bloomfield Farm. Look for the paved road across Northwestern Avenue from the public garden entrance. Park in the lot and follow the signs to the Horticulture Center. This course carries 11.5 CEUs for ISA certified arborists (S=0, P=11.5, M=0).

Tuesday, Wednesday

October 27, 28

9 a.m.—4 p.m.

Register Now >

Fee: \$285 (includes lunch)

Landscape Design for Professionals

Paul D. Orpello

Horticulturist, Morris Arboretum

The world of landscape design is continually evolving. Meeting the needs of your clients while keeping your design integrity intact can be challenging to say the least. Hitting the design target for critical customers has become increasingly difficult as well. In this ever-changing world of landscape design integrated with customer satisfaction it helps to have an experienced guide. Award-winning landscape designer and ASHS certified professional horticulturist, Paul D. Orpello will demonstrate how to successfully navigate these complex waters. Paul will cover all phases of the design process from client meeting to project completion. There will be an informative two hour lecture discussing the essential components of the design process and client interaction. The lecture will be followed by a one hour shortened studio session. We will be working on meeting specific client needs in a designed environment. Come and learn how to increase your effectiveness as a designer while increasing your profitability as a professional! **This course carries 3 CEUs for ISA certified arborists (S=0, P=1, M=2) and 3 CEUs for PA landscape architects.**

Thursday, October 29

9 a.m.—12 noon

Fee: \$60

Register Now >

Electrical Hazard Awareness, Aerial Rescue, and Chain Saw Safety

Gary Lovallo

New Jersey Certified Tree Expert #273

Jon Hanbicki

New Jersey Certified Tree Expert #354

Al Saharic

Electrical Safety Instructor, Retired Electric Lineman

Proper tree felling techniques and job site safety will be covered. We will focus on the Electrical Hazards Awareness Program (E.H.A.P.) and aerial rescue, as well as critical safety precautions that must be taken when performing tree work near electrified wires. The identification and distinction between voltages carried in distribution and transmission lines will be emphasized along with the ANSI standards that apply to this work. The effects of live current will be demonstrated by the instructors. You will have the chance to see an in-the-field demonstration of aerial rescue techniques. Each student will have a “hands on” opportunity to practice safe lowering methods. The safe operation and maintenance of chain saws will be demonstrated in the field by experienced arborists. Each participant will have an opportunity to use a chain saw to make practice cuts and will have a chance to participate in an aerial rescue using some of the latest techniques. **Students should come equipped with chaps, a hard hat, ear plugs, work gloves, and steel-toed work boots.** This course meets at the Horticulture Center at Bloomfield Farm. Enter the Arboretum on the road opposite from the public garden entrance. Park in the parking lot and follow the signs to the Horticulture Center. This course carries 11.5 (S=2, P=5.5, M=4) CEUs for both days for ISA certified arborists.

Thursday & Friday, November 5, 6

9 a.m.—4 p.m.

Fee: \$275 (includes lunch)

Register Now >

Understanding Tree Appraisal Problems

Scott Cullen

Registered Consulting Arborist, CT Licensed Arborist

Scott Cullen has taught tree appraisal internationally and has written about the origins and evolution of this specialized discipline. In his first workshop in five years, Scott comes to the Morris Arboretum to present new material that is essential for anyone – including arborists, landscape architects, foresters, urban foresters, nursery professionals, lawyers and others – performing or relying on tree appraisals. This course is equally applicable to the current *Guide for Plant Appraisal* 9th Ed., the forthcoming 10th Ed., i-Tree, or any of the various international systems. Topics include defining the appraisal problem, value, and reasonableness. The course is highly interactive and designed for class participation. **This course carries 5.75 CEUs for ISA certified arborists. (S=1, P=2.25, M=2.5).**

**Thursday, November 12
8 a.m.—5 p.m.**

Fee: \$150 (includes lunch)

Register Now >

Pruning Conifers and Broad-leaved Evergreens

Vince Marrocco

Chief Horticulturist, Morris Arboretum

Evergreens, more than any of the other plant groups, can be seriously disfigured or destroyed by careless pruning. For this reason, it is important for the landscape professional or homeowner to understand when to prune and where to place pruning cuts. The morning session will be a lecture and demonstration. The afternoon session will feature supervised, hands-on pruning. **Please bring a hand pruner and small pruning saw for the afternoon session. This course carries 4.5 CEUs for ISA certified arborists (S=1, P=2.5, M=1).**

Tuesday, December 1

9 a.m.—2:30 p.m.

Raindate: Friday, December 4

Fee: \$125 (includes lunch)

Register Now >



endowed lecture series

In addition to the classes listed in this course brochure you might also be interested in The Morris Arboretum Endowed Lecture Series. This series is free for members. For non-members these lectures are free with Arboretum admission. A reception with refreshments is featured at each lecture.

Reservations are required and space is limited. Please call (215) 247-5777, ext. 125 to leave your name and phone number.

Designing Sustainable Spaces (The Lukens Endowed Lecture)

Bryan Hanes

Founding Principal of Studio Bryan Hanes (SBH)

Studio Bryan Hanes, started in 2008 and based in the Callowhill neighborhood of Philadelphia, is a landscape architecture and urban design studio that creates socially and ecologically sustainable spaces. The firm strives to create places that enrich human experience, draw inspiration from the dynamic processes of nature, and express the artful celebration of the everyday. In this talk, Bryan will highlight the community collaboration and team work approach his firm used on some recent Philadelphia projects, including the redesign of Sister Cities Garden at Logan Square, the Reading Viaduct spur between Broad and Callowhill Streets, and the Schuylkill Avenue Esplanade, an elevated roof deck over an interstate highway and Amtrak rail lines, with sweeping views up and down the Schuylkill River, sits dramatically across from the Center City Philadelphia skyline. SBH has received numerous honors including awards from the PA/DE ASLA Chapter, AIA, Urban Land Institute, International Downtown Association, U.S. Green Building Council, and the Sustainable Sites Initiative. *The Lukens Endowed Lecture is presented annually in memory of educator and Arboretum volunteer Byron Lukens and his wife Elizabeth.*

Sunday, January 17

2 p.m.





Pennsylvania Academy of the Fine Arts Continuing Education Programs - Special Discount!

The Pennsylvania Academy of the Fine Arts (PAFA) was founded in 1805 as the nation's first school and museum of fine arts. PAFA Continuing Education (CE) Programs offer a diverse array of studio art courses, workshops and programs for adults and high school students, open to all levels of ability, from absolute beginner through advanced artist. Whether you've never taken an art class before, are returning after a long absence, or are preparing a portfolio for art school, PAFA CE has something for you!

PAFA is proud to partner with Morris Arboretum to offer members the opportunity to explore their passion for learning. This fall, Morris Arboretum members will receive a 10% tuition discount on one CE course, workshop or Master Class.

Visit www.pafa.edu/ce for the complete fall schedule or call (215) 972-7632 for a catalogue. Registration opens August 3rd.

Visit PAFA with the Morris Arboretum! For more information see page 8.

general class information

The Morris Arboretum is located in the Chestnut Hill section of Philadelphia. For further information or directions, call (215) 247-5777 or check the Arboretum website at: www.morrisarboretum.org.

The Green Choice

We need your input. In the interest of sustainability, if you would like to opt out of receiving our course brochure, please e-mail us at education@morrisarboretum.org with the subject line, "Opt out." We always offer the fall course brochure on our website under the Education tab.

Location of Classes

All classes will be held at the George D. Widener Visitor Center unless otherwise noted.

Parking areas may be reached by entering the Arboretum off of Northwestern Avenue. Students should arrive at least ten minutes before the start of the class to allow time to check in.

Please note: Parking adjacent to the Visitor Center is sometimes at full capacity on nice weather weekends. If you visit after noon, you may be required to park at the bottom of the hill and be shuttled into the garden.

If you are a person with a disability and require an accommodation to participate in classes, please contact Jan McFarlan at (215) 247-5777, ext. 156, Monday through Friday, to discuss accommodation. For people who use TTY, please call PA Relay at 1-800-654-5984.

Refund and Cancellation Policy

In order to receive a refund for a class you must call (215) 247-5777, ext. 125 at least two business days before the class start date. When withdrawing from a trip, you must call the Arboretum five business days in advance of the trip. There will be a \$5 processing fee associated with refunds. The Arboretum reserves the right to cancel any program if necessary. Refunds take approximately 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. 156, for information on possible cancellation or rescheduling of the class.

Give the Gift of a Morris Arboretum Class!

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

registration form

Please make membership and course payments separately.

To register online, visit <https://online.morrisarboretum.org/classes>.

To register by mail, send this form along with check payable to the "Morris Arboretum" to:

Education Department
Morris Arboretum
100 East Northwestern Avenue
Philadelphia, PA 19118-2697

To register by phone, have your credit card ready.
Call the Education Dept. (215) 247-5777, ext. 125.



Payment Information

Name _____

Address

- Member Non-member
 My check or money order payable to the Morris Arboretum is enclosed.



Morris Arboretum
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Look inside....

Behind the Scenes

- Wine, Cheese, and Spectacular Trees
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Horticulture at Morris Arboretum

- Get Your Garden Ready for Winter
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- How to Grow a Lush, Green Lawn

Growing Minds at Morris Arboretum

- Seeds to Sprouts - Autumn Adventures (ages 2-4)
- Nature Sleuths (Ages 5-7)
- Kids Click - Kids Photography (Ages 8-12)



Connect with us!



Classes



The Morris Arboretum is proud to print on FSC® (Forest Stewardship Council®) certified paper, which supports the growth of responsible forest management worldwide through its international standards.