I recently had lunch with an Arboretum friend who has been visiting for more than 50 years. She reminisced about the “bad, old days” at the Arboretum. She remembered the dry, decaying fountains that had not worked in years, a fernery rusting away, and neglected garden features with collapsing roofs, and expressed admiration for the progress made in recent decades. She said, “So many visitors today have no knowledge of the decrepit state of the Arboretum as recently as 30 years ago.” Historic restoration and preservation have been central to the Arboretum’s planning efforts since the 1978 Master Plan was created. As an outcome of that effort, in 1978 the Arboretum became part of the National Register of Historic Places.

Restoring the Arboretum has been an expensive, long-term process, and each project happens only with the support of one or more generous donors. This work is ongoing and is never done, as any homeowner knows. And, here at the Arboretum, it is especially daunting as there are 10 fountains, 21 buildings, 16 sculptures, and 10 garden features to be kept in good repair. Even after the full restoration of a garden feature, continuing maintenance and repairs are needed.

To that end, we have focused on building endowments that support not only gardens and programs, but also the ongoing care and preservation of our historic facilities and infrastructure. Today, we estimate the Arboretum should be allocating $800,000 annually to care for its physical facilities. We are fortunate that we now have eight endowments that support facility care and preservation, and these endowments collectively provide about $300,000 in annual income for facilities maintenance. In addition, we periodically receive special gifts dedicated to the preservation of a particular structure. But even with this support, many preservation needs are still unaddressed.

Altogether, endowments supporting facilities have grown by 400% over the past ten years. Special attention has been given to continuing to build the Historic Preservation Endowment, and whenever the Arboretum receives unrestricted estate gifts, they are added to that endowment. Established in 2007, the Historic Preservation Endowment principle now exceeds $2,000,000, which provides more than $75,000 annually for historic preservation work. Building this endowment is a very high priority, and we hope to more than double it over the next five years. As part of this effort, we will be creating named gift opportunities to endow specific garden elements and fountains.

We have many recent accomplishments to celebrate in the area of facilities restoration and preservation. These include the recent renovations to the Widener Center, and the continuing restoration of the 18th century grist mill at Bloomfield Farm. But today, as we look forward and envision new educational facilities and programs, we must continue building on this past progress and making sure that our facilities are cared for in ways that will allow them to be enjoyed by Arboretum visitors for generations to come.

In 1909, founder John Morris wrote, “the progress of the world is so rapid and the hurry of life so great that we are apt not to stop to consider the interest which old landmarks may have for future generations…old buildings are allowed to be destroyed until little remains in our City to show the difference between the past and the present and to mark the changes which take place even in a single lifetime.” Our goal today is to respect these sentiments of John Morris. We will continue our efforts to protect and preserve our valued historic elements while building a world class 21st century university botanic garden.
The Morris Arboretum of the University of Pennsylvania is an educational institution that promotes an understanding of the important relationships between plants, people, and place. The Arboretum conducts three major activities—horticultural display, public and professional education, and botanical and horticultural research.

Public Garden Hours:
Mon-Fri, 10am-4pm
Sat/Sun, 10am-5pm (April - Oct.)
Sat/Sun, 10am-4pm (Nov. - March)
Wed., 10am-8pm (June, July, August)

Information:
(215) 247-5777
www.morrisarboretum.org
http://www.upenn.edu/paflora

Guided Tours:
Every Sat/Sun, 2pm

Visitor Entrance:
100 East Northwestern Avenue between Germantown and Stenton Avenues in the Chestnut Hill section of Philadelphia

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Arboretum Rentals
Hold your special event in one of Philadelphia’s most beautiful settings. The Widener Center and surrounding grounds are available for weddings, parties, and private and corporate meetings up to 170 guests. For details contact the Rentals team at (215) 247-5777, ext. 158.

e-newsletter
Would you like to receive our monthly e-newsletter and other Arboretum updates via email? It’s a great way for you to stay up-to-date on upcoming events, register online and help us save trees! Email members@morrisarboretum.org to be added. To address the problems of SPAM, many Internet Service Providers (ISPs) and email systems now block or filter email that is not from a “safe sender.” Please add info@morrisarboretum.org and members@morrisarboretum.org to your list of accepted senders or friends list if you wish to receive this information.

Cover Photo: Jan Goltz

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Photo: Paul Meyer
Soaring nearly 50 feet above the ground with its steel girders, wooden walkways, whimsical hammock netting, and engaging interactive elements, *Out on a Limb – a Tree Adventure Exhibit* is at once massive and playful. It is a tour-de-force that has quite literally transformed the Morris Arboretum. From its very inception, its purpose was to offer families and visitors of all ages the opportunity to interact with the natural setting in new ways—to become a part of the canopy of trees even for a moment; to see the forest floor and the sky from a tree’s perspective.

Since it opened to the public in 2009, *Out on a Limb* has achieved all that was envisioned for it, and more. It has created a new sense of space at the Arboretum, one where children, their parents, and grandparents can enjoy together in a setting that inspires equal measures of fascination and wonder. In so doing, it has been one of the leading factors in the Arboretum’s meteoric—30% and growing—rise in membership and visitation since its opening. It has won multiple awards for design and ingenuity. Indeed, even now, five years after the exhibit’s debut, the Mid-Atlantic Association of Museums awarded the Arboretum its coveted “Buildy” award in recognition of its exemplary accomplishment in leading the institution through the challenging process of creating new museum construction, one which continues to add value to the Arboretum experience.

The Arboretum is indebted to Jane and Leonard Korman for their leadership and vision in making this ground-breaking exhibit a reality. A member of the Arboretum’s Advisory Board of Managers for more than 20 years, it was Jane’s vision for families and children that set the wheels in motion. Jane and Leonard committed themselves fully to the project, and became the lead donors for its construction, as well as for an endowment to support the ongoing preservation of the structure.

Now, six years later, the Kormans have made a very generous, additional commitment to the exhibit’s endowment fund through the Jane and Leonard Korman Family Foundation. With their new commitment, endowment funds for *Out on a Limb* will total more than $1.5 million, ensuring that the Arboretum will have the financial resources it needs to maintain this hallmark Arboretum attraction in perpetuity.

“We could not have imagined a more successful outcome than we’ve seen with the *Out on a Limb* exhibit,” Mrs. Korman remarked. “From the outset, we wanted to create a place for families to explore and have fun; *Out on a Limb* has exceeded all expectations, and we wanted to be sure that 20, 30, 40 years from now, families will still be able to experience this unparalleled destination in the same way we are able to enjoy it with our family now.”

**The Jane & Leonard Korman Family Foundation: *Out on a Limb* endowed in perpetuity**

*MIRA ZERGANI, Director of Development*
Curator’s Corner – Fall-blooming Camellias

ANTHONY S. AIELLO, The Gayle E. Maloney Director of Horticulture & Curator

Come late October and early November, gardeners are often thinking about fall color and the occasional fall-blooming bulb, but mostly about putting the garden to bed and planning the Thanksgiving menu. However, by growing any of several fall-blooming camellias, you can extend your flower season, and add interest to your garden throughout the year. These broadleaf evergreens, add some much appreciated green to the winter landscape, and provide a wonderful backdrop for spring and summer bloomers.

Camellias are generally the domain of regions with gentler winters, but with proper selection and placement, they can be enjoyed in the Delaware Valley. The best bets are cultivated varieties of tea-oil camellia (Camellia oleifera) and its hybrids, selected and bred by Dr. William Ackerman at the U.S. National Arboretum from parents that withstood the bitter winters of the late 1970s. These reliably cold hardy selections extend the suitability of camellias as long-term landscape plants in the mid-Atlantic region.

Lu Shan Snow tea-oil camellia (Camellia oleifera ‘Lu Shan Snow’) is a superior plant that exhibits smooth, cinnamon-brown bark, and fragrant white flowers in October and early November. With age, it becomes a small tree, eventually reaching 15-20 feet, with an almost equal spread, making it a wonderful specimen or patio tree. Several hybrid camellias combine the cold-hardiness of tea-oil camellia with the flower form and color of showier species, enabling pink or white-flowering forms to be grown in this area. All of these cultivated varieties of Camellia flower over a period of six to eight weeks in late autumn, and possess attractive growth habits, leaves, and flower quality. Among these varieties, their flower colors and mature plant sizes are, respectively: ‘Polar Ice’ (white flowers, 6’ tall × 6’ wide), ‘Snow Flurry’ (white, semi-double, 7’ × 7’), ‘Winter’s Charm’ (lavender pink, 10’ × 5’), and ‘Winter’s Star’ (light reddish-pink, 8’ × 6’).

The past two winters have been very hard on camellias, highlighting some of the challenges of growing this group of plants. The key to growing camellias in the Delaware Valley is protection from harsh, direct sun. Leaves on camellias exposed to bright sunlight will turn brown and desiccate, with the plants potentially dying. To minimize this problem, plant camellias on the north or east side of a house, or in the shade of pines or other conifers. Camellias prefer moist, well-drained, acidic soils, with light mulching to help them conserve water. It is best to site them away from frost pockets, minimizing the risk of early frost damage to the flowers.

At the Arboretum, you will find fall and spring-blooming camellias tucked away from harsh sun and hungry deer. They are growing in front of Gates Hall, in the shade of old false-cypresses along Meadowbrook Avenue, near the Log Cabin, and surrounding the Rose Garden. Come enjoy these beautiful plants and get inspired to add camellias to your own garden.
Mary Elizabeth ("Liz") Flanagan:
Liz and her husband, Joe, have been members and volunteers of the Morris Arboretum for more than 20 years. Liz is remembered for her passion for plants, her keen interest in the Arboretum’s work in international plant collection and propagation, for her service on the Directors’ Guild, and as a member of the Arboretum’s Lydia Morris Legacy Society. Liz is missed by her many friends at the Arboretum, and we remain grateful for both Liz and Joe’s years of dedication and support.

Morris ("Mickey") Lloyd:
Mickey and Ellie Lloyd have been pillars of the Arboretum community for four decades, and were founding members of the Directors’ Guild. The Lloyds supported many Arboretum initiatives, and Mickey’s leadership on the Campaign Cabinet was instrumental in helping reach the Always Growing campaign goal. His legacy at the Arboretum lives on through the completion of the Horticulture Center at Bloomfield Farm, a project to which he was deeply committed.

Gale Rudley:
Gale was a valued member of the Arboretum’s Visitor Services team, and she is remembered for her enthusiasm in welcoming Arboretum guests. She was always available to help both visitors and colleagues, whether it be a wedding consultation, assistance in the Shop, a question at the kiosk, or a request for a shuttle driver. Gale loved to work with people, and will be missed greatly at the Arboretum.

Toni L. Vosika:
Toni and her husband Loren have been treasured members of the Arboretum’s Visitor Services staff for many years. Toni was known for her warm hospitality, her art, and her lovely hats. She was a vibrant presence at the Arboretum’s kiosk and visitor center, and she is missed by all who had the good fortune to know her.

Geraldine ("Gerry") Brown Wexelblat:
Gerry was a longtime friend, student, and volunteer guide at the Arboretum. She enjoyed sharing the beauty of the Morris Arboretum with her family and friends, and was devoted to the restoration of both the Wisteria Walk and the Rose Garden. We will never forget Gerry’s dry sense of humor, and we appreciate the many ways in which she gave of herself to benefit the Arboretum.
Arboretum Awarded State Grant for Bloomfield Barn Restoration

The Morris Arboretum was awarded a $50,000 Keystone Historic Preservation grant by the Pennsylvania Historical and Museum Commission (PHMC), a state agency funded by the Commonwealth of Pennsylvania. This grant, designated for the restoration of the 19th century Bloomfield barn, recognizes the importance of preserving the historic structure as an example of a traditional Pennsylvania bank barn.

The Bloomfield barn at the Morris Arboretum is an important architectural survivor that provides an example of historic land use and development patterns in southeastern Pennsylvania. Preserving this building within the context of other structures on Bloomfield Farm, including the restored Springfield Mills, will enable the Arboretum to offer unique opportunities to strengthen visitors’ understanding of the critical relationship between people, plants, and place from the Colonial Era to the present day.

A funding requirement of this competitive grant award is a 1:1 match, which was generously completed by the CHG Charitable Trust. Further funding for the project is needed. If you are interested in supporting this effort, please contact Leslie Weisser in the Development Office at (215) 247-5777, ext. 147 or via email at leslieaw@upenn.edu.
The Collectors Circle was established in 2011 as a way to recognize donors who give gifts of $2,500 or more to the Morris Arboretum annual fund. Collectors Circle members are helping to perpetuate a culture of giving that acknowledges the critical role that unrestricted support plays in the ongoing operation of the Arboretum. In addition to general membership benefits, Collectors Circle members enjoy exclusive benefits that provide opportunities for deeper engagement with the gardens and Arboretum staff. Gifts to the Collectors Circle directly support all of the wonderful garden exhibits and displays, research, educational programming and outreach efforts at Morris Arboretum.

Since the inception of the Collectors Circle, the annual fund has grown by 27%. This profound growth in unrestricted giving has allowed for timely responses to the needs of the Arboretum as it is affected by weather, an increased volume of visitors, and the shifting needs of our audience.

Share in our mission to connect people, plants and place by joining the Collectors Circle today! To make your pledge or to learn more, please contact Jessica Lynch at (215) 247-5777, ext. 161 or via email at jeslynch@upenn.edu

Morris Arboretum and the University of Penn

Arboretum staff are University employees and are eligible to participate in Penn’s benefit programs, but the Arboretum pays the University benefits rate for life insurance, disability, and healthcare coverage. Each year, Morris Arboretum must balance its budget.

All funds that are contributed to the Morris Arboretum go fully to support the institution. As the Arboretum’s fiduciary, the University of Pennsylvania issues the official receipt for tax purposes.

According to the 1932 will of Lydia Morris (co-founder of the Morris Arboretum with her brother, John), the land on which the Arboretum sits and the Lydia Morris endowment were placed under the management of First Pennsylvania Bank. Today, Wells Fargo is First Pennsylvania’s successor. The bank shares oversight responsibilities of the Morris Arboretum with the University.

In keeping with the will of Lydia Morris, the Arboretum has an Advisory Board of Managers. Members are appointed by the University or by Wells Fargo Bank, with advice from the board and its nominating committee.
Romance Blooms at Morris Arboretum

SARAH TIMMONS, Visitor Services Staff

Whatever the season, the Morris Arboretum is a great date place, an ideal venue to get engaged, and of course the perfect wedding backdrop for that special day. Stroll the paved paths, or find a secluded spot to take in the beautiful surroundings and enjoy each other’s company. Recently, two couples shared the story of how the Morris Arboretum provided the perfect setting for one of the most important days in their lives.

Jennifer & Patrick

Patrick Coyne heard about the Morris Arboretum by word of mouth, and knew that his fiancé Jennifer Topper, was yearning to visit. Both of them are attracted to nature, history, and art. A proposal within the gardens of the Arboretum would make the moment more special, as Jennifer grew up learning to garden with family members. “As soon as I saw the swan pond, it kind of stood out,” says Patrick, “It ended up working out perfectly. The snow on the ground looked like a perfect winter landscape.”

Patrick carefully hid a bouquet of lisianthus flowers near the swan pond. A customized ring inspired by the very same flower was sitting in his pocket and in a few short hours he would propose to his girlfriend of a little more than a year. “I had to make up a lie that there was a special unveiling of a winter flower,” says Patrick, “I told her it cost a lot per ticket…and we couldn’t miss it.” The plan was elaborate but the Arboretum staff was able to accommodate, and a hidden photographer managed to capture the moment.

Patrick and Jennifer wed in September, incorporating food from the farm where Jennifer works, and beer that Patrick brews. The happy couple looks forward to visiting the Arboretum often, and watching how it grows and changes with the seasons.

Roopali & Aaron

Roopali Gupta and Aaron Hall love to be outside and explore new places. They kayak and go to concerts together, spend plenty of time with family, and frequently try new restaurants. “I knew [the Arboretum], but had never been to it before that day,” said Roopali, who had often suggested a visit to the Arboretum. One day, on a whim, they decided to go.

When they reached the wrought iron gates, Aaron had no idea that he was going to turn the day into a life-changing event, but he happened to have a ring in his pocket. “I was planning on hiding [the ring] at her house,” he said, explaining why the vintage ring had conveniently been with him. “It was a really nice fall day,” he remembered. “I kept finding places where I might propose... Every twenty feet I was dying to do it.”

He considered proposing 50 feet off of the ground on the Out on a Limb tree canopy walk, near the historic log cabin, or in the rose garden, before he asked her to sit down on a bench by the fernery and got down on one knee. Of course, she said yes. On the way out, the newly engaged pair noticed staff members setting up for a wedding that night which only furthered their excitement for their own celebration.

They shared their news with staff members at the Widener Center, picked up a squirrel brush art ornament from the The Shop, and invested in a membership. “It’s neat that we can always go back and walk around,” says Roopali.

Since the engagement, they have made use of their membership by returning for Friday Night Lights, the Scarecrow Walk, and to take engagement photos. The interfaith couple held two wedding ceremonies, one featuring Hindu traditions in honor of Roopali’s background, and a Christian ceremony for Aaron’s family.
Welcome New Interns

In June, the Arboretum welcomed a new class of interns for a year-long program of hands-on learning. Working in various departments, they will gain valuable experience while learning the day-to-day operations of a world class institution. Their year culminates with the completion of a project, some of which have resulted in the renovation of garden areas, or new areas of focus in education or research. This year, the Arboretum welcomed interns from all over the U.S.

Pictured left to right:
Trish Kemper, The Martha S. Miller Endowed Urban Forestry Intern
Pilar Rivera, The McLean Contributionship Endowed Education Intern
Hanna Dorman, The Eli Kirk Price Endowed Flora of Pennsylvania Intern
Willa Rowan, The Hay Honey Farm Endowed Natural Lands Intern
Maya Czulewicz, The Charles S. Holman Endowed Rose and Flower Garden Intern
Emily Milbauer, The John J. Willaman & Martha Haas Valentine Endowed Plant Protection Intern
Joshua Best, The Walter W. Root Endowed Arborist Intern

Summer Adventure Camp

The Arboretum’s Summer Adventure Camp has expanded exponentially, thanks to returning campers and Arboretum members who have spread the word about their special camp experience to family and friends. It was a delight to welcome back our talented staff of teachers who offer dynamic and fun approaches to learning.

In today’s world, children are constantly consumed with their electronic devices. We engage campers in exploration and physical activity in nature’s classroom at the Morris Arboretum. Children unplug from their computers, tablets, and smart phones, to rediscover the natural world that is so often taken for granted.

It was an adventurous summer, indeed! Highlights included searching for creatures throughout the Arboretum, and stepping inside the shoes of a millwright at Bloomfield Farm’s Springfield Mills. One lucky group of campers even happened upon engineer Don Scholz while he was inspecting Out on a Limb. Mr. Scholz explained the marvel of the structure to them, and answered their curious questions. We are looking forward to another exciting summer next year!

Photos: Tiffany Stahl
For an infusion of late color in your garden, consider adding a sprinkling of easy-to-grow, fall-flowering bulbs. In addition to season-extending color, they provide much needed nectar and pollen for insects. Many varieties are available through catalogs, and are also stocked at garden centers in mid-summer. Late summer plantings result in unexpected blooms through autumn’s ebbing days.

Autumn crocus, or *Colchicum autumnale*, are hardy bulbs hailing from Asia, Europe, and Mediterranean areas. Once you find these in the garden center or receive your bulbs in the mail, take them out and plant immediately in rich, well-drained soil in full sun to part shade. Add sharp sand or gravel to the planting area if you are unsure of drainage. They will bloom with large 8-10 inch white, pink, to reddish-violet chalice-shaped flowers on naked stems that rise 7 to 12 inches. You won't see the floppy strap-like leaves until spring, which can look like a bad hair day in the garden, until they ripen and disappear by June. Dry soil and baking summer sun are just the ticket for contented colchicums; these conditions mimic their native habitat. Some of the cultivars available include ‘Waterlily’, ‘Lilac Wonder’, and ‘Album’, a white-flowered form. Colchicums are the source of colchicine, a medicine used to treat gout, and are reported to have been brought to America by gout sufferer and founding father, Benjamin Franklin.

*Sternbergia lutea*, the autumn daffodil, is a petite member of the Amaryllis family growing 6 inches tall, originating in rocky regions of the western Mediterranean. Voluptuous golden-yellow blooms appear early through late fall, along with narrow, evergreen leaves that persist through winter, eventually ripening in spring. A sunny spot with well-drained, gritty soil ensures optimal growth. Plant bulbs upon arrival and you won't wait long for crocus-like flowers, one per bulb, to emerge. These plants are great for the rock garden, the front of the border, or popping up through groundcovers.

Did you know you can grow your own saffron by planting *Crocus sativus*, the saffron crocus? Cultivated since ancient times, its wild origin is uncertain. Like the autumn daffodil, leaves emerge just before flowers in early to mid autumn, and the blooms are lilac-purple with a deeper throat. Bright orange styles, the female parts of the flower, are harvested and dried as saffron. You'll need at least 4,000 flowers to harvest just one ounce of saffron, so your plantings will likely be more modest. Warm summer soils and good drainage in full sun will ensure your fall-blooming crocus show their colors. Growing 7-12 inches tall, they mix well with perennials and groundcovers, and look very smart in rock gardens, when most blooms are past.

There are many more species and varieties of fall-blooming bulbs that can be grown. Those described are reliably hardy in this area and easily procured. Best of all, our typical four-footed garden pests don't like them! Autumn’s waning days can be long on blooming with these easy care, season-extending bulbs.
Moonlight & Roses presented by The Haverford Trust Company took place on Friday, June 5 with 450 guests in attendance. The rain stayed away, and guests enjoyed a beautiful cocktail reception in the Rose Garden and savored dinner in the chandelier-lit tent. Total revenue raised from this year’s event was $275,000, with all net proceeds supporting the Arboretum’s operations.

1. Kathlene Hohns, Tari Carlson, Adriana della Porta, William Hohns

2. The Haverford Trust Company Founder and Director George Connell with wife, Susan, and Paul Meyer

3. Jeanne and Philip Connolly, Cheryl Clearwater, and William Brennen

4. *Moonlight & Roses* committee member Gabrielle Baugh Smith (right) with brother William Baugh and mother Wilfreta Baugh

5. Caitlin and Gavin McLaughlin with board member Betty Pettine

6. Nancy Evans, Maria Thompson, Rusty Miller

7. H. Augustus (Gus) Carey, Gene and Charles Dilks

8. Dinh and LiLi Vo


10. Zandy Nalle, Liddy Lindsay, Jessie Hill, Peter Fleming, Natalie Hirshorn

11. Gray and Alisa Gifford, David and Christin Gregory

12. Paul Meyer and Debbie Rodgers with honorees Moses and Susan Feldman, co-chairs Ralph and Natalie Hirshorn and Elizabeth and Kyle Salata

Photos: Mark Stehle
**OCTOBER**

**3** Fall Festival
*Saturday, October 3 & Sunday, October 4, 10am-3pm*
Don’t miss this weekend of autumn fun that has become an annual tradition for many families. Make your own scarecrow, paint a pumpkin, sample different varieties of apples and more. Learn about animals and the homes they build as Elmwood Park Zoo presents Seeking Shelter – Architecture by Animals both days from 12-3pm. Some activities have an additional fee.

**3** Scarecrow Walk
*Saturday, October 3 through Sunday, October 25 (one week longer this year!)*
The scarecrows are here! More than 30 scarecrows will be on display for four weekends and three weeks along the Oak Allée. Come vote for your favorite in the “Famous Art & Artists” theme to determine which ‘crows will be the top five prize winners!

**3** Garden Discovery Series: Acorns, Leaves, and Bark, Oh My!
*Saturday, October 3, 11am-3pm*
Learn about the animals that depend on tree nuts, and how to match the variety of acorns around the Arboretum with the trees that produced them. Discover the function and purpose of bark while making bark etchings.

**7** Connections Lecture – Tropical Conservation via Biodiversity Development: A Real World Case from Costa Rica
*Wednesday, October 7, 2pm*
See page 18 for more information.

**10** Small Trees for Small Spaces Tour
*Saturday, October 10, 11am*
Join knowledgeable guides for a tour of small trees at the Morris Arboretum. Ranging in height from 15 to 30 feet, these trees have many special features, such as spectacular bark, interesting form, and great flower and leaf color. These trees, literally and figuratively, have been overshadowed by the Arboretum’s big trees, but are now getting a much deserved moment in the spotlight. Don’t miss this opportunity to see these small trees that make a big impact.

**18** Bloomfield Farm Day/Grist Mill Demonstration Day
*Sunday, October 18, 12-4pm*
Come celebrate Bloomfield Farm’s rich agricultural history. Along with demonstrations, music, food, and a few animals, will be the opportunity to tour Springfield Mills, originally constructed in 1760. The mill has been carefully restored and made operational once again by a dedicated group of volunteers. Come visit this 19th century structure and see how corn was milled for meal and flour.

**23** Storytime
*Friday, October 23, 10:30-11am*
Join this fun and engaging reading session among the trees. Storytime will be held outdoors at the Outdoor Children’s Classroom, next to the Widener Visitor Center. In the case of inclement weather, storytime will be held in the Upper Gallery at the Visitor Center. Storytime is free for members or with regular garden admission. Advance registration is required and registration is open for one month in advance of upcoming storytime events.

**24** Small Trees for Small Spaces Tour
*Saturday, October 24, 11am*
See October 10 for more information.

**30** Storytime
*Friday, October 30, 10:30-11am*
See October 23 for more information.

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**ADMISSION**

- **Adults** (18 - 64yrs.)  $16
- **Senior** (65+yrs.)  $14
- **Children** (3 - 17yrs.)  $8
- **Members**  FREE

*Please note, Arboretum events are subject to change without notice.

In the event of inclement weather, please check the website at www.morrisarboretum.org for information or call (215) 247-5777, ext. 0.*
NOVEMBER

6 Storytime
Friday, November 6, 10:30-11am
See October 23 for more information.

7 Winter Wellness Walks
Saturdays, November through March, 10:30-11:30am
Meet in front of the Widener Visitor Center where an experienced volunteer guide will lead these brisk, energetic walks. The walks follow the paved paths and get your heart rate up.

11 Connections Lecture – Getting and Giving: Tales of Cooking Seasonally and Eating Well for the Holidays
Wednesday, November 11, 2pm
See page 18 for more information.

20 Storytime
Friday, November 20, 10:30-11am
See October 23 for more information.

27 Holiday Garden Railway Display
Friday, November 27 through Sunday, January 3, 10am-4pm (closed Christmas Eve and Day and New Year’s Day)
A delight for both young and old, welcome the holiday season with a visit to the Garden Railway Display. This magical garden gets decked out for the holidays with twinkling lights and seasonal decorations.

DECEMBER

2 Connections Lecture – Beauty, Craft and Creating Public Spaces in a City
Wednesday, December 2, 2pm
See page 18 for more information.

4 Friday Night Lights
Fridays, December 4, 11 and 18, 4:30-7:30pm
Enjoy the Holiday Garden Railway lit up and decorated for the season. White lights sparkle along the rails, and miniature greens adorn the buildings. This is a ticketed event. Tickets will be available to purchase through Ticket Leap. Prices: Member adult – $9, Member child – $3, Non-member adult – $16, Non-member child – $8.

5 Winter Wellness Walks
Saturdays, November through March, 10:30-11:30am
See November 7 for more information.

5 Premier Members Holiday Garden Railway Evening
Saturday, December 5, 4:30-7:30pm
Beech level members ($125) and higher are invited to enjoy a special premier members-only evening at the Garden Railway. Hot cocoa and cookies will be served. Carolers will perform from 5-7pm. Raindate: Sunday, December 6. Invitations will be mailed to eligible members. Registration is required. For more information contact members@morrisarboretum.org or call (215) 247-5777 ext. 155.

11 Storytime
Fridays, December 11 & 18, 10:30-11am
See October 23 for more information.

JANUARY

2 Winter Wellness Walks
Saturdays, November through March, 10:30-11:30am
See November 7 for more information.

17 The Lukens Endowed Lecture – Designing Sustainable Spaces
Sunday, January 17, 2pm
Studio Bryan Hanes 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, principal Bryan Hanes will highlight the community collaboration and team work approach his firm used on some recent Philadelphia projects. The Lukens Endowed Lecture is presented annually in memory of educator and Arboretum volunteer Byron Lukens and his wife, Elizabeth. Please see page 16 for more information.

20 Witchhazel is your Favorite?
Saturday, February 20, 1-3pm
A wonderful collection of these captivating winter bloomers can be found throughout the Arboretum. Pick up a map at the The Shop that showcases specially selected specimens. Afterward, kids can create a witchhazel craft in the Upper Gallery of the Visitor Center.
The Morris Arboretum has a wealth of information available to share with visitors, from growth habits and bloom times of plants, to stories of the historic landscape, and the findings of the Arboretum’s latest botanical and horticultural research. The question is which stories to tell, and how to most effectively share them with visitors?

With the support of an Exhibitions & Public Interpretation grant from The Pew Center for Arts & Heritage, the Arboretum is researching visitor preferences, renewing its interpretive plan, and developing innovative projects that will make use of personal mobile devices as an interpretive tool in the garden. The goal of this project, titled *Awakening the Senses*, is to enhance the experience in the garden by connecting visitors with the information of greatest interest to them. Using location-based tools will aid in navigation and interpretation of the Arboretum’s collection, and its place in history.

Research was conducted in the spring and summer through visitor surveys and a project in which visitor volunteers carried GPS-enabled devices throughout their visit, thereby generating a map of their time in the garden. By compounding the maps of many visits (see graphic above), the information revealed which areas of the Arboretum are most popular, as well as those that are less often explored.

As the research draws to a close, the planning and prototyping phase will begin. Conscious of the balance between the immersive experience that time in the garden allows, and the visitor’s desire to know more, discrete opportunities will be developed to opt-in to digital interpretation tools that will highlight the areas of greatest interest to them. By next spring, testing of some of these tools will begin in the garden. Check the website and social media for opportunities to be among the first to try them out!

Major support for *Awakening the Senses* has been provided by The Pew Center for Arts & Heritage.
Morris Arboretum Debuts a New Tour: Small Trees for Small Spaces

Join knowledgeable guides for a tour of the Morris Arboretum’s smaller specimen trees in a new tour, Small Trees for Small Spaces. At 11am on Saturdays, October 10 & 24, Arboretum guides will point out small trees that make a big impact. Ranging in height from 15 to 30 feet, these trees have many special features, such as spectacular bark, interesting forms, and great flower and leaf color.

These trees, literally and figuratively, have been overshadowed by the Arboretum’s big trees, but are now getting a much deserved moment in the spotlight. Don’t miss this opportunity to see trees that will pop! in your own home garden.

Endowed Lecture Series

Each winter, the Morris Arboretum presents an endowed lecture series featuring interesting topics and engaging speakers. Lectures are free for members, or free with garden admission for non-members. Pre-registration is required. To register online go to https://online.morrisarboretum.org/endowed-lectures or call 215-247-5777, ext. 125.

“Designing Sustainable Spaces” (The Lukens Endowed Lecture)
Sunday, January 17, 2pm
Studio Bryan Hanes (SBH) is a landscape architecture and urban design studio that develops socially and ecologically sustainable spaces. In this talk, Bryan Hanes, founding principal, will highlight the community collaboration and team work approach his firm used on some of their recent, award-winning projects in Philadelphia, including the redesign of Sister Cities Garden at Logan Square, the Reading Viaduct spur between Broad and Callowhill Streets, and the Schuylkill Avenue Esplanade. The Lukens Endowed Lecture is presented annually in memory of educator and Arboretum volunteer Byron Lukens and his wife Elizabeth.

“Medicinal Plants: the Good, the Bad, and the Ugly” (The Barnes Endowed Lecture)
Sunday, April 3, 2pm
Verifying the botanical accuracy of herbal pills, teas or tinctures requires not only the proper identification of herbal ingredients, but also the proper name, dose, chemical contents, and preparation. This talk, led by Dr. Lena Struwe, Associate Professor & Director of the Chrysler Herbarium at Rutgers University, will highlight the positives and the negatives in contemporary herbal medicine, and present advice on best practices to use when it comes to measuring botanical accuracy. The Barnes Endowed Lecture is presented annually in memory of Laura L. Barnes, founder of The Barnes Foundation Arboretum.

“Magnolias: Their Global Impact – With a Little Help from the UK” (The Klein Endowed Lecture)
Tuesday, April 12, 2pm
Take a tour around the globe and discover the world of magnolias. Jim Gardiner, Executive Vice President of the Royal Horticultural Society, will introduce you to this much-loved tree. Gardiner will discuss the impact magnolias have had on landscapes both within the UK and abroad. He is the author of several books including Magnolias, A Gardener’s Guide and Magnolias in Art and Cultivation, as well as The Timber Press Encyclopaedia of Flowering Shrubs. He is also past President of the Magnolia Society International. The Klein Endowed Lecture is presented annually in memory of Dr. William M. Klein who served as the Arboretum’s first full-time director from 1977-1990.
There Are Many Ways to Be Thankful

CREATE YOUR LEGACY

Consider a planned gift to the Morris Arboretum today

For more information about planned giving opportunities at the Arboretum, please contact Mira Zergani at (215) 247-5777, ext. 102 or mzergani@upenn.edu.
Plants and gardens connect us to the larger world and myriad aspects of the human condition. Now in its sixth year, this series will present three important and interesting talks that make connections and share impacts from very different perspectives. This year’s lectures will take you on a journey to the forests of Costa Rica, a culinary adventure with award-winning, local cookbook authors, and into the public realm, where one of the most renowned landscape architects is creating inspiring spaces that help engage people with the natural world.

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 https://online.morrisarboretum.org/CBOG.

**Tropical Conservation via Biodiversity Development: a Real World Case from Costa Rica**
*Daniel Janzen, DiMaura Professor of Conservation Biology, University of Pennsylvania*
**Wednesday, October 7, 2pm**
How can society utilize tropical wildlands and all of their biodiversity, without destroying them?

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.

**Getting and Giving—Tales of Cooking Seasonally and Eating Well for the Holidays**
*Christopher Hirsheimer and Melissa Hamilton, Canal House*
**Wednesday, November 11, 2pm**
Christopher Hirsheimer (pictured above left) was a founder and executive editor of *Saveur* magazine, where Melissa Hamilton (pictured above right) was the test kitchen director and food editor. They now publish the award-winning series of seasonally inspired cookbooks, *Canal House Cooking*. Together in Frenchtown, NJ, they do all the writing, recipe development, photography, illustrations, design and production.

Hirsheimer and Hamilton will share stories from their travels all over the world, and from their own beautiful corner of the Northeast where they use ingredients found in most markets, building relationships with the people who grow, raise, prepare, and sell the foods we eat.

**Beauty, Craft and Creating Public Spaces in a City**
*Laurie Olin, Partner, OLIN*
**Wednesday, December 2, 2pm**
Bryant Park in NYC, the Washington Monument grounds in Washington DC, the American Academy in Rome, the US Embassy in London, and, closer to home, the Barnes Foundation, the Anne d’Harnoncourt Sculpture Garden, and Dilworth Park, 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.

Laurie Olin, winner of the prestigious National Medal of Arts, a distinguished teacher, author, and one of the most renowned landscape architects practicing today, will speak about the gardens, parks and civic spaces the firm designed between 1975-2015, the challenges in designing these types of projects, and what makes for a successful public space.
Learn Something New this Fall!

The Arboretum has a wonderful line-up of course offerings for fall. A recent poll of our students revealed that people take classes to learn new skills, have fun with friends and family, and to meet new people. To register for a class online visit https://online.morrisarboretum.org/classes. You can also register by mail or call (215) 247-5777, ext. 125.

Goldenrods and Asters
Tuesday, October 6
10am-2pm
Members: $54
Non-members: $60
Goldenrods and asters are the most conspicuous components of the fall wildflower display. Dr. Ann Rhoads, retired Director of Botany at Morris Arboretum, will show you the keys to identifying the species, and examine the characteristics that define the Asteraceae, the family to which both belong.

Birding at the Arboretum:
The Wetlands and Tree Canopy
Saturday, October 10
8-11am
Members: $20
Non-members: $25
Join Keith Russell, Audubon Pennsylvania Program Manager for Urban Conservation, to explore some of the hotspots for birds at the Morris Arboretum. See resident birds, as well as migrating raptors, sparrows, and warblers, and visit Out on a Limb, which provides a great vantage point for viewing birds at treetop level.

Save Your Back!
Saturday, October 10
10am-12 noon
Raindate: October 24
Members: $25
Non-members: $30
Lucy Dinsmore, horticulturist at Morris Arboretum, will demonstrate the tools and techniques needed to keep your back healthy while gardening. Learn strengthening exercises, try out gardening tools, and end with some restorative stretches to leave you feeling tall and strong.

Trip to the Wagner Institute Collection and Lantern Slide Salon
Wednesday, October 14
4-9 pm
Members: $80
Non-members: $90
Visit the collections at the Wagner Free Institute of Science and attend the third annual lantern slide salon. The salon will be held in the Wagner's unchanged Victorian lecture hall using an original lantern slide projector. Participants will see more than six globally significant lantern slide collections drawn from the libraries and archives of Philadelphia's most significant cultural and educational institutions.

Introduction to Canning
Saturday, October 17
10am-12 noon
Members: $40
Non-members: $45
Join local food blogger and cookbook author Marisa McClellan for a class on how to preserve seasonal fruits and vegetables using best canning practices. All attendees will go home with an introductory canning guide and a small jar of jam made in class.
Growing Minds Classes for Kids

This series of classes offers children and their caregivers the chance to connect meaningfully with nature through a wide variety of educational programs. Take a look and sign up for these programs that are certain to be enriching, fun, and memorable. To register online, visit https://online.morrisarboretum.org/classes. To register by phone call (215) 247-5777, ext. 125.

Stargazing at the Morris Arboretum
Thursday, October 22
8:30-10pm
Members: $20
Non-members: $25
Take advantage of the Arboretum’s unique views of the skies as we enjoy the Orionid meteor shower. Ben Buono, a local backyard astronomer, will guide you through the basics of observation, astronomy, and cosmology.

Perennially Proper
Saturday, October 24
10am-2pm
Members: $54
Non-members: $60
Join staff horticulturist Paul Orpello as he delves head first into the wonderful and exciting world of perennials, and learn first-hand tips and techniques to keep your perennials at the top of their game all season long.

Painting with Watercolor and Colored Pencil
Three Saturdays:
November 7, 14, 21
12 noon-3pm
Members: $122
Non-members: $135
Instructor Eileen Rosen will use step-by-step demonstrations of this simple and enjoyable technique that combines two very different mediums. The results produce vibrant, life-like paintings.

Seeds to Sprouts, Autumn Adventures! (Ages 2-4)
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
Join this fall 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.

Kids Click—Kids Photography Workshop (Ages 8-12)
Six Tuesdays: October 6, 13, 20, 27, November 3, 10; 4-5:30 pm
Members: $85
Non-members: $100
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 fall landscape! Kids will learn the basics of lighting, color, texture, composition and depth of field.

How Does Nature Inspire You? Kids’ Art Series (Ages 6-9)
Four Sundays: October 25, November 1, 8, 15;
11am-12:45pm
Members: $100
Non-members: $110
In this four-week series, 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! Each class will include exciting nature studies and fun art activities taught in a friendly and supportive environment.
Looking for the perfect gift? Give the gift of membership!

This holiday season, treat family and friends to a gift that benefits them for an entire year—a Morris Arboretum membership! The garden and programs change throughout the seasons, so each visit offers something new. Gift recipients will also receive discounts on educational courses taught by Arboretum experts and receive reciprocal admission privileges to more than 300 gardens nationwide. In addition, membership supports the mission of the Morris Arboretum and a portion of membership dues are tax-deductible.

There are three easy ways to purchase a gift of membership:

VISIT – Stop by the Visitor Center to receive temporary membership cards and signature Morris Arboretum packaging, along with a free gift (while supplies last). While in the Shop, members can use their 10% discount to purchase other holiday gifts (discount is not applicable towards membership purchases).

ONLINE – Visit www.morrisarboretum.org to purchase anytime.

PHONE – Reach the membership office directly at (215) 247-5777, ext. 155 Monday through Friday, 9am-5pm.

To ensure your gift membership materials are on hand by December 24, online and phone orders must be received by December 16.

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 state-of-the-art 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, or sign up online at online.morrisarboretum.org/LDS.
The Shop

Love the Morris Arboretum so much that you just want to take a piece of it home with you? No, you can’t pick the flowers. And, certainly, that katsura tree will not fit in your trunk. However, there is a way to own your very own piece of the Arboretum.

Those Cotswold sheep on the Magnolia Slope that you thought were real the first time you passed by—you can put one in your own front yard to fool the neighbors! Not only does local metalsmith, John Parker, create reproductions of our beloved sheep (first appearing in the meadow in 1980), he has also recently recreated the iconic summer house weathervane (available as a weathervane or garden décor).

The Morrises’ were avid enthusiasts of art and history, as exemplified by the statues from around the globe that they placed throughout the garden. While we ask that you do not try to tie our 1993 Heart Pod sculpture to the top of your car (even though, yes, it would look lovely in your foyer), you can claim your own sitting or standing Buddha with a quick stop over in the Shop. These Buddha statues are exact copies of the ones that the Morrises’ displayed on the grounds prior to the creation of the Arboretum and can still be found in the garden.

Perhaps you were thinking of something a little smaller. The Shop also offers canvas photographs taken by our own Executive Director, Paul W. Meyer. Perfect as a gift, or a token reminder of the wonderful time you had at the Morris Arboretum, pick up a locally crafted bowl or pen made from the wood of fallen Arboretum trees. As the partially fallen Bender Oak has shown us, nothing lasts forever.

Still not sure? A Morris Arboretum postcard can act as a daily reminder of this beautiful place from under the magnet on your kitchen fridge.

Connect with Morris Arboretum!

Want to know what’s going on in the garden right now? There are many ways to keep on top of Arboretum happenings! Find the one that’s right for you, and we’ll keep you current with informative, beautiful, and interesting updates throughout the week.

Join the conversation and share your experiences in the garden, tag photos with hashtag #morrisarboretum
Friday Night Lights Returns—The Magic of the Holiday Garden Railway in the Evening!

Fridays, December 4, 11, & 18, 4:30-7:30pm

Friday Night Lights has become a new favorite evening for many families. Don't miss one of these special evenings when the magic of the holidays comes alive at the Arboretum. Trains move along the tracks amidst thousands of sparkling white lights and festively decorated buildings. Snacks and light fare will be available at the Compton Café. This is a tickered event. Tickets will be available via Ticket Leap beginning November 1. To purchase tickets visit http://www.business-services.upenn.edu/arboretum/calendar.shtml.