

# It's Tulip Mania!

## Hershey Gardens to Feature More than 20 New Cultivars This Spring

**H**ershey Gardens' horticulture team is always eager for spring – but this spring promises to be a show-stopper, thanks to more than 20 new cultivars of tulips, as well as some unique daffodils.

"This year's display is laid out in a checkerboard or polka-dot pattern," said Alyssa Hagarman, horticulture specialist. "We also used bigger sweeps of the same or similar colors to make for a more impressive show."



"We'll kick off spring with a lovely display of split-cup daffodils called 'Rainbow of Colors,'" added Hagarman. "The flowers open as a bright yellow-orange and mature to a vivid orange-pink."

In the Seasonal Display Garden, guests can enjoy Hagarman's favorite mix of single early tulips. "The mix just looks like spring," says Hagarman.

A mix of emperor-type tulips will be featured in the M.S. Hershey Tribute Garden. The mix consists of 'Orange,' 'White,' 'Apricot' and 'Yellow Purissima.'

"I think lily-type tulips look like they are dancing," Hagarman laughed. Three new



varieties will be found twirling among the displays:

- 'Mona Lisa' – bright yellow petals wearing a narrow red flame,
- 'Budlight' – bright yellow lily tulip featuring a broad, white flame, and
- 'Marianne' – raspberry-red petals with golden edges.



The season ends with a fringed tulip called 'Crystal Glow,' which is a lovely bubble gum pink, and 'Montreux,' a fragrant double early tulip that opens with a pale primrose-yellow petal, which then matures to a paler yellow.

"Usually, tulips peak the week before Mother's Day," Hagarman said, "but that depends on Mother Nature."

Be sure to check [HersheyGardens.org](http://HersheyGardens.org) and Hershey Gardens' Facebook page for bloom updates.

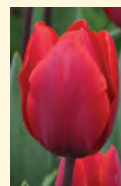
**Six new varieties of triumph tulips, which feature strong stems and large flowers will be featured this spring:**

'Gavota' – rich chestnut-maroon petals with thick yellow edges.



'Cruquius' – bubble gum pink petals that are slightly darker in the center.

'Catalina' – pale pink petals with pale yellow edges.



'Couleur Cardinal' – lightly fragrant, featuring scarlet red petals with an alluring plum flush.

'White Dream' – white petals that look like white clouds twirling on the ground.



'Paul Scherer' – deep inky-black petals.

# 10 Questions With...

## Megan Talley, Manager of Gardens Programs and Administration

### What are your job responsibilities?

I create, organize and oversee group experiences at the Gardens, whether that's helping a local garden club schedule a group visit to the Gardens or organizing an annual event like Pumpkin Glow. I also am tasked with some operational responsibilities, such as making sure that there's change in the cash drawers, and things like that. And if you've ever written an email or called the Gardens, I most likely answered your questions! In a larger sense, my job is to know everything that's going on at the Gardens.

### What are your plans for public programs at Hershey Gardens?

Our members and guests really enjoy our traditional events, like Pumpkin Glow and Easter Sunrise Service, so no changes there, but I'm excited to add some new events geared toward various age ranges. Many guests have expressed an interest in classes and workshops, so I'll be adding more adult education classes to the calendar. Many of the classes will utilize our talented staff members. We'll also be offering a sensory friendly event for guests with Autism Spectrum Disorder and other special sensory needs.

### Tell us a little bit about yourself.

I grew up in Palmyra, PA. I graduated from Palmyra Area High School and then went off to Messiah College where I double majored in history and communication. I spent two summers working at Hershey Community Archives for my history degree. After I graduated, I did some freelance writing and worked some odd jobs. Then a position for a part-time education assistant at Hershey Gardens opened up—I applied for it and got it!

### How did you transition to your current role?

After a year working with students on field trips and helping with special events, a co-worker moved to Chicago, so I took on her administrative responsibilities as office coordinator, which included group visits and tours. With the opening of the Conservatory, my role eventually evolved and grew, so this past September I was named manager of Gardens programs and administration. I'll be celebrating my sixth year at the Gardens this April! Time flies when you're having fun!



### What do you enjoy most about your job?

I enjoy interacting with guests on a personal level, whether it's helping kids complete a craft for Marvelous Mondays or talking to adults on a guided tour. Making connections with people rejuvenates me. I learn new things from guests every day, even from the younger guests. A student once taught me that "butterfly" in Spanish is "mariposa." Another thing I really enjoy is my "office," which includes 23 acres of botanical gardens. I can always go outside and enjoy the place that Milton Hershey built 80 years ago.

### Do you have any hobbies?

Is cleaning a hobby? I love to clean. I am basically the cleaning and organizing TV character Monica from "Friends."

### Where do you draw inspiration for your programs?

I draw a lot of my inspiration from staff. They are always willing to share their time, talent and knowledge.

### Biggest challenges?

The biggest challenge of my job is to take all my creative ideas and execute them. My goal is to try to implement as many as I can, but that's not always possible given time constraints and the amount of manpower required.

### How does your role impact the guest experience at Hershey Gardens?

While it may not be visible to guests, what I do behind the scenes - to make sure everything is running smoothly - helps ensure a pleasant and memorable guest experience. I may not interact with them on a daily basis, but happy guests are still my number one priority.

### Favorite part of the Gardens?

I have a special place in my heart for the Japanese Garden. It's so serene and beautiful no matter what time of year, and I love to hear the sounds of the stream making its way over the rocks to the Japanese pond.

## The Perfect Gift: A Hershey Gardens Membership!

Gift memberships can be mailed to you or directly to the recipient.



### Individual: \$50

One named individual

### Dual: \$75

Two named individuals

### Family/Grandfamily: \$100

Two named individuals living at the same address and their children or grandchildren under age 18

### New! Flex: \$175

One named adult and up to four guests

### Supporter: \$500

All Flex benefits, plus a behind-the-scenes tour

Order online at [HersheyGardens.org](https://HersheyGardens.org).



# Butterflies...and Beyond

## MEET THE STARS INSIDE THE BUTTERFLY ATRIUM

### Featured Butterfly:

#### Genus *Charaxes*

The Butterfly Atrium showcases many different species of butterflies, including those of the genus *Charaxes*. There are 179 species of *Charaxes* in the tropical regions of Africa. They are known for their stout bodies and brisk, almost frenetic flight. Colors vary and their hind wings have a slight fringe on the edge, making them easy to identify.



The Pearl Charaxes, *Charaxes varanes*, usually rests with its wings closed, making the pearlescent portion difficult to see.

### Featured Insect:

#### Eastern Lubber Grasshoppers

Last summer, the BugZone hosted a colony of Eastern lubber grasshoppers. The egg casings left behind by several of the females were stored in the lab and watered regularly, with hopes of viability.



The Eastern lubber grasshopper can't fly, despite having wings. They are known for being awkward movers and poor jumpers.

"Starting in early January, we had hatching...and hatching and hatching and hatching..." laughed Katherine Serfass, lead butterfly associate. "We are now hosting approximately 70 young lubber grasshoppers. Each time they molt, the grasshoppers enter a new stage or 'instar.' As of early February, we were taking care of first and second instar individuals, which are characterized by black bodies with yellow or red stripes. The final molt reveals a beautiful yellow, tan and green body."

"They are in containment because they are known agricultural pests and can rapidly demolish vegetation," said Serfass. "Due to their size, they are often used in insect anatomy classes for dissections, as each structure is easy to see."

Look for the grasshopper exhibit in the BugZone, beginning in late spring.

### Featured Plant: Calathea

There are over 300 different varieties in the Calathea family, many of which are man-made hybrids. "Native to tropical South and Central America, parts of Africa, and the West Indies, the Calathea plant is grown primarily for its colorful upright oval leaves with contrasting undersides in shades consisting of purple, maroon or red," said Brooke Umberger, manager, conservatory

habitats. "This is a great plant to grow indoors because it is known for its vast displays of differing foliage designs, colors and leaf shapes, as well as texture."

"To grow this plant in Pennsylvania, you will need to keep the plant in bright, indirect sunlight. This means placing it near an east-, west- or north-facing window, as too much direct sunlight will cause burning on the leaves," said Umberger.

Be careful not to over-fertilize the plant," Umberger said. "It prefers half of the recommended strength of fertilizer in late spring, summer and early fall."

Calatheas like a soil that can hold moisture but also allows for proper drainage. They also prefer distilled water. "High humidity is a must for the Calathea. Dry air can cause the edges of the leaves to dry and crack," said Umberger.

While Calathea can be a bit tricky to grow, it is one that is worth the time and care. Its foliage is a beautiful show of color, and many varieties also send up unexpected flowers. The flowers can last for two to three weeks and some even dry well, which are perfect for floral arrangements.



*Calathea roseopicta*



*Calathea lancifolia* - Rattlesnake Plant



*Calathea* hybrid 'Fusion White'



# Looking Back: Hershey's First Rose Garden

## High Point Garden Celebrates 100 Years of History



Milton Hershey's wife, Catherine "Kitty" Hershey, made her greatest contribution to the town in the gardens surrounding her home, High Point. Harry Haverstick, Milton Hershey's head gardener, thought highly of Kitty Hershey's taste. "She was interested in the planting of trees and everything that made the properties look nice," recalled one of the gardeners. The grounds surrounding their home were beautifully landscaped and were open for the public to enjoy.

Sadly, Kitty died just before her 44th birthday in 1915 after a long illness. A few years later, in 1918, a rose garden was planted at High Point in her memory. The garden was planted with heritage varieties or "old-fashioned" roses. It was edged with a boxwood hedge and peonies. According to Harry Erdman, the manager of the Hershey Nursery and Greenhouse, the garden was located about 400 feet east of High Point. An arch with climbing American Beauty roses marked the garden's entrance.

In 1930, Milton Hershey established the Hershey Country Club and offered his home, High Point, as its clubhouse. In 1951, when the Club decided to build an outdoor swimming pool, the memorial rose garden was transplanted in its original layout to the Hershey Rose Garden (now Hershey Gardens).

**Milton and Kitty Hershey with friends in High Point gardens, ca. 1911.**

## 50 Years Ago: Famous Master Nurseryman Donates Significant Plants to Hershey Gardens

During the 1950s and 1960s, Hershey Gardens expanded with the addition of many donations of plant materials, including collections of gladiolas, peonies, heathers, azaleas, rhododendrons and Japanese maples.

One particular and significant donation came from Henry J. Hohman, a noted horticulturist and propagator of dwarf and unusual conifers. His Kingsville (Maryland) Nursery was famous for collecting and propagating unusual conifers, broadleaf and deciduous plants. How this important collection of 400 varieties of evergreen plants, including almost 25 varieties of hemlock came to Hershey Gardens is best told by John Mezaros, then director of the Gardens. Mezaros related the story in his 1990 Hershey Community Archives oral history interview:

*Mr. Bobb heard about this fellow, Henry*



**Henry Hohman visited Hershey Gardens in 1971. He donated more than 400 varieties of conifers, Boxwoods, Hollies and other evergreen plants to Hershey Gardens, in 1967.**

*Hohman. He had a collection of unusual plants. So he said, "Let's go down and see Henry and see what we can do." Fine. Mr. Bobb was very interested in horticulture, by the way.*

*We went down to see Mr. Hohman and he*

*was glad. So we got in 400 varieties of evergreen plants, and among that, I would say there were probably 25 varieties of hemlock. You won't believe that. Twenty-five varieties of hemlock and other numbers of varieties of plants, boxwood and so forth, which is unheard of. We made a special section in the gardens for this collection, named it for Henry Hohman, and we have a couple of pictures of that somewhere along the line, where Henry came up and saw this after a while and took him around and showed him.*

*He was pretty fussy, Mr. Hohman. I mean, you didn't just walk into his place and say, "I want to go see your nursery." You had to have an appointment. I mean, he'd scare the pants off of you to start with. (Laughter) Then maybe he'd relent. He would propagate for Longwood Gardens and the National Arboretum.*



# Nature Becomes Original, Wearable Art

## Garden Shop Sells Handcrafted Jewelry Made with Plants from Hershey Gardens

Ever visit Hershey Gardens and wish you could take some of its natural beauty home with you? Well, now you can.

The Garden Shop now features *metalledwith* jewelry, which artfully showcases leaves, flowers and plants preserved in beautiful, unique jewelry.

"In the first days of spring, as the leaf buds open, I collect tiny leaves from the trees at Hershey Gardens," said jewelry designer Richelle Dourte. "Later in the year, I gather flower petals and other interesting parts of plants."

Next, Dourte resin-casts them to preserve quality, and sets them in handcrafted metalwork to create stylish, wearable art. "Each creation is one-of-a-kind," Dourte said.

Her bold designs and delicate craftsmanship define each piece she creates. Based out of Boiling Springs, PA, she also creates jewelry made from books, letters and hymnals, as well as spices and vegetables from her garden.

"The natural surroundings in which we live gently define a sense of place," Dourte said.

During your visit to Hershey Gardens, stop by the Garden Shop and admire the latest creations from *metalledwith*.



A bleeding heart becomes a beautiful necklace.



Each piece of plant material is resin-cast to preserve quality.

metalledwith

### MEET THE ARTIST



A love of the outdoors and a deep commitment to the environment blossomed into a jewelry business for designer and creator Richelle Dourte. A certi-

fied naturalist with a background in environmental science, Dourte's dedication to the conservation and preservation of the environment is reflected in the craftsmanship of her pieces. She draws inspiration from nature, and through her art, captures its effortless beauty.

## Hershey Gardens' Summer Volunteer Program Now Accepting Applications

Do you know a student aged 12 to 15 who enjoys the outdoors and interacting with others? If so, they may make a great Hershey Gardens volunteer!

"It's a great opportunity for kids who are too young to work, but are looking for pre-work experience," said George Vaites, manager of youth and volunteer programs. "Volunteers assist with a variety of educational initiatives, such as teaching curious guests about bugs at the Bug Cart."

"They also help in The Children's Garden, exploring plants and nature with guests," said Vaites. "Sometimes they assist with crafts and other activities, especially during Marvelous Mondays."

The summer volunteer program begins with a required two-day orientation. These introductory sessions will take place on June 20 and 21 from 9:30 a.m. to 12:30 p.m. Each student must then



be able to commit to at least one shift per week from June 25 through August 13 (with exceptions made for week-long summer camps or family vacations). Shifts are available Monday through Friday from 9:30 a.m. to 12:30 p.m.

Applications must be submitted at [HersheyGardens.org](http://HersheyGardens.org) by Monday, May 7. New applicants will be contacted for an interview.

For more information, please contact George Vaites at 717.508.5968 or via email at [gervaites@hersheygardens.org](mailto:gervaites@hersheygardens.org).

# Pest Alert: Spotted Lanternfly

By Lois Miklas, Penn State Master Gardener Coordinator, Lancaster County  
and Retired Educator, The M.S. Hershey Foundation

**A**s pictured, it resembles a beautiful butterfly, but the spotted lanternfly is anything but desirable. This pest first appeared in Berks County in 2014 and has since spread to 13 surrounding counties. It has not yet spread as far east as Dauphin County, but is now found in the nearby counties of Lancaster and Lebanon.

The spotted lanternfly is a leafhopper native to India, China and Vietnam. It has invaded Korea, where, virtually unchecked, it has affected 65 species of plants. The winged adults and colorful immature black and red spotted larvae both feed on plant material. Adult females each lay about 100 eggs in fall and cover them with a waxy protective material.



Spotted Lanternfly, adult | Photo: PA Department of Agriculture, Bugwood.org

peach and timber industries. In addition, the pest feeding in the tops of trees produces a waste material called honeydew, which is so abundant that it can fall like rain. The honeydew provides an environment for mold growth and also attracts ants and wasps. This, obviously, can be extremely detrimental to enjoyment of home landscapes.

As an invasive pest, the spotted lanternfly has no natural predators. It reproduces so prolifically that their sheer numbers make control difficult.



Spotted Lanternfly, eggs | Photo: Lawrence Barringer, PA Department of Agriculture, Bugwood.org

What is so bad about this particular pest? Spotted lanternfly larvae and adults feed on trees, stone fruit crops, grapevines and hops. The Pennsylvania Department of Agriculture is particularly concerned about the effect it might have on Pennsylvania's wine,



Spotted Lanternfly, immature | Photo: Lawrence Barringer, PA Department of Agriculture, Bugwood.org



Spotted Lanternfly, with wings closed | Photo: Lawrence Barringer, PA Department of Agriculture, Bugwood.org

## How can you help stop the spread?

- If you live in a county that is outside the quarantine area and see the spotted lanternfly in any form, including eggs, take a picture or save a sample in alcohol and report it to [Badbug@pa.gov](mailto:Badbug@pa.gov).
- If you live within the quarantine area, be careful not to transport any lifeform of the insect to an area where it currently does not live. Eggs are particularly unnoticeable and can be laid on almost anything that is stationary for some time, including firewood, yard debris, camping equipment and cars.
- If you see them, kill them! Spotted lanternflies can be crushed or swatted;

however, their ability to hop can make this difficult. Researchers are working on pesticide recommendations. By law, pesticides can only be used as directed, and you will not find pesticides labeled for use on spotted lanternfly yet. However, you will find pesticides for use on ornamental trees, and those may be used to control spotted lanternfly.

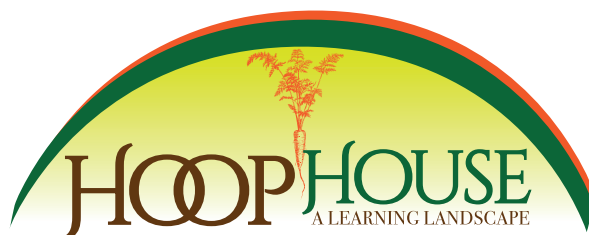
- Killing spotted lanternfly eggs is also important. Keep an eye out for the camouflaged egg masses and scrape them into alcohol (even hand sanitizer will work) or double-bag and dispose of them.
- Eliminate the spotted lanternfly's preferred host plant—Tree of Heaven (*Ailanthus altissima*). This tree is also invasive, and may be growing on untended parts of your property.
- Use spotted lanternfly's behaviors against it. Instead of spraying pesticides that can also kill beneficial insects, you can use a single Tree of Heaven as a trap plant and treat it with a systemic insecticide. Trees where spotted lanternfly like to feed can be encircled with sticky tape (sticky side out). This is especially effective for trapping larvae.

Knowledge is one of the most important measures to stop the spread of the spotted lanternfly. Home gardeners are in an excellent position to detect and help control this insect. For more information visit <https://extension.psu.edu/spotted-lanternfly> or [www.agriculture.pa.gov/spottedlanternfly](http://www.agriculture.pa.gov/spottedlanternfly).



Spotted Lanternfly, immature (red) | Photo: Lawrence Barringer, PA Department of Agriculture, Bugwood.org





# The Hoop House is All A-Buzz!

by Jody Davey, Hershey Gardens Horticulturist

**T**ake a stroll through the Hoop House in The Children's Garden this summer and you'll discover a space filled with clever ideas for small-scale vegetable gardening. Dwarf eggplant growing in a hanging basket. Cantaloupe and watermelon vines winding vertically around a trellis with their fruits supported inside knee-high stockings. A stand of corn growing in a half barrel.

You may also notice a curious stack of large, wooden boxes with a glass and A-frame top tucked quietly away in a corner. Wait – is there something moving behind the glass? A few steps closer and you suddenly realize that you're in the presence of more than 10,000 of Hershey Gardens' newest residents: European honey bees.



The Hoop House hive, with its glass observation windows, allows guests to safely view the inner workings of the bee colony. The bees are completely contained within the hive, having only a single opening to fly in

and out. This opening is at the end of a long tube that extends through the side-wall of the Hoop House to the outside, away from guests.

As you watch the bees going about their daily lives, it is common to see female workers, the most numerous in the hive, building honeycomb, storing nectar or pollen, or tending the young, called brood. You may also catch a glimpse of larger male bees, the drones, milling about on the honeycomb. And if you're really lucky, you may even spot the elusive queen bee herself.



## Inside the Hive

What are all these busy bees doing? Honey bee (*Apis mellifera*) colonies depend upon several different types of bees, each performing a specific task. As you peer through one of the observation windows, see if you can identify these types of bees.

### Worker Bee



The smallest and most numerous in the hive, these female bees perform duties such as caring for the brood (young), defending the hive, building comb and foraging for nectar and pollen.

### Drone Bee



These male bees are the second largest in the hive. They have very large eyes and thick fuzzy bodies, and serve the sole purpose of breeding. They are less numerous than the worker bees.

### Queen Bee



She is the heart of the hive and the largest bee. Each hive has a single queen whose purpose is to lay eggs and populate the colony. She also coordinates hive activity through the secretion of pheromones. While queens are extremely powerful within their hives, they cannot establish new colonies without the help of drones and workers, who provide fertilization, food and wax to construct the hive.

### Brood

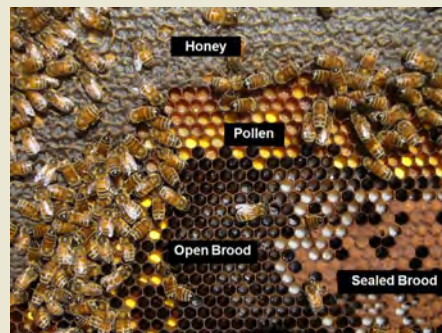
These sealed or open cells contain the young in various stages of development.

### Honey/Nectar

Cells containing cured honey are sealed with a rough wax capping. Cells containing nectar are left uncapped until they dry out enough to form honey. Honey is the bees' main food source.

### Pollen

These cells remain uncapped and may contain pollen of many different colors. Pollen provides the bees a protein source important for nourishing brood.



# Rose Care Begins in Early Spring

**M**uch work and expertise goes into keeping Hershey Gardens' thousands of roses looking good year after year. Here's the regimen that staff and volunteers use for hybrid teas, floribundas, and grandifloras, which make up most of the collection:

## Late March

- Remove dead wood and crossing branches first. Then remove excess canes so that four to five of the healthiest, finger-sized canes are left, ideally evenly spaced around the plant. Cut remaining canes to 8 to 12 inches tall, making slanted cuts just above outward-facing buds.

- Apply the season's first fertilizer – a balanced, granular, slow-release product from GreenView, such as one labeled at 7-7-7 strength. Then apply a 2-inch layer of leaf compost over the beds.

## April

- When growth starts, begin a season-long spraying program to prevent bugs, mites, and diseases. Gardens' staff rotates among four different insecticides, four different fungicides and two different



miticides to limit resistance. They apply these treatments every two weeks throughout the season.

- For home gardeners looking for an organic option, staff suggests weekly sprays of 1 tablespoon vinegar, 1 tablespoon canola or horticultural oil, 1 tablespoon insecticidal soap and 1½ tablespoons baking soda mixed into 1 gallon of water.

## Throughout summer

- Continue the biweekly bug/disease sprays. Fertilize biweekly until early September with a water-soluble, 20-20-20 fertilizer. Gardens' staff applies this liquid over the plants along with the pesticide spray.

- As flowers fade, snip off the spent flower heads and stem tips down to where the leaves are growing in five-leaf clusters (as opposed to the three-leaf clusters located closer to the tips). Continue this "deadheading" weekly to encourage new flower buds to form almost continuously.

- Water rose bushes by sprinkler when more than two to three weeks go by

without a soaking rain.

## Late September

- Begin "de-petaling" spent blooms instead of snipping them off altogether. Keeping the bare buds helps plants finish the season's life cycle and prepare for winter. Do this through mid-October. Do not fertilize after early September, and don't use pesticides after the first frost.

## Early to mid-November

- Cut roses back to 32 inches. Staff uses a 32-inch tall garbage can as an easy gauge and catch bin for the cuttings. Then it's time to rest until spring...

## Become a Volunteer - Help Hershey Gardens Grow!

**L**ooking for a fun and rewarding experience? Consider becoming a Hershey Gardens volunteer!



"Volunteers are vital to what we do at Hershey Gardens,"

said Jamie Shiffer, associate director. "They introduce children to nature through youth education programs, engage visitors in the Butterfly Atrium, or assist the horticulture staff in beautifying the Gardens."

Volunteer opportunities are available indoors and out, during the week and on weekends. "The hours are flexible, and it's a fun environment. Many of our current volunteers have been with us a long time because they enjoy it so much," said Shiffer.

## VOLUNTEER OPPORTUNITIES

### Butterfly Atrium Flight Attendants

Come join our team of butterfly volunteers in the Butterfly Atrium inside the Milton & Catherine Hershey Conservatory! Share your interest in butterflies, plants and the natural world. The Atrium features hundreds of butterflies and moths from around the world in a tropical oasis.

### Gardening Volunteers

Get your hands dirty in a beautiful and historic setting. Gardening volunteers assist staff with planting, weeding, trimming, deadheading, and even pumpkin carving! Work with other gardeners and earn deserved pride for your role in creating a beautiful garden for visitors from around the world.

### Tour Guides

Volunteer tour guides conduct guided tours of the Gardens and the Milton & Catherine Hershey Conservatory. The one-mile walking tour along the Gardens' pathway visits each of the 11 themed gardens, and provides our guests with a memorable experience. Tours are based on a script and training is provided.

### School Programs Volunteers

Help our education staff inspire school groups with the wonders of the natural world. Assist staff by leading or co-leading at hands-on education stations. As a school programs volunteer, you will play an important role in fulfilling Hershey Gardens' educational mission.

[Learn more at HersheyGardens.org](http://HersheyGardens.org)



# SUMMER CAMPS at HERSHEY GARDENS

Enroll your child in a summer day camp at Hershey Gardens – it's sure to be full of discovery, adventure, exploration - and fun! Kids of all ages can explore art, science and theater. Space is limited, so register early!

## SCIENCE EXPLORERS

Our exciting, hands-on approach to science provides children the unique opportunity to conduct exciting and engaging experiments and activities. We make learning science FUN!

For more information or to register, please visit [HersheyGardens.org](http://HersheyGardens.org) or call 1.877.870.9517.

### Ready, Set, Summer!

July 2, 3, 5, 6

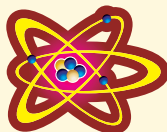
For ages 7 – 11

9 a.m. – Noon: \$189 (half day)

12:30 p.m. – 3:30 p.m.: \$189 (half day)

9 a.m. – 3:30 p.m.: \$320 (full day)

Each day we'll explore a different topic. We'll make exciting gadgets as we explore electricity, build a circuit to create a buzzer, make an electromagnet, create a device to detect static charge and construct a working water wheel. Become a chemist and get elbow-deep in chemistry and become an engineer as we explore marvelous machines and discover how they make work easier and more fun! Finally, we'll create colorful beach bags using chromatography, make super sidewalk chalk and build solar ovens!



### Fizz, Bang, Boom, Bot!

July 9 - 13

For ages 7 – 11

9 a.m. – Noon: \$229 (half day)

12:30 p.m. – 3:30 p.m.: \$229 (half day)

9 a.m. – 3:30 p.m.: \$399 (full day)

What do you get when you take the physics of motion, add in some electrifying experiments, and mix it up with some chemistry? Everyone has a blast! In our half-day camp you'll create your own motorized invention, experiment with light and flight, make your own kaleidoscope and experiment with giant floating bubbles. Stay for the full day and use chromatography to separate the colors in candy, mix up some crazy chemical reactions, build an electric game, investigate the effects of air pressure, and compete in a tall tower engineering competition!



### Potions, Powders & Polymers

July 30 – August 3

For ages 7 – 11

9 a.m. – Noon: \$229 (half day)

12:30 p.m. – 3:30 p.m.: \$229 (half day)

9 a.m. – 3:30 p.m.: \$399 (full day)

Is it science or magic? You'll find out! In our half-day camp you'll create erupting foam monsters, conduct amazing air pressure experiments, dig for hidden treasures, investigate the science of illusions and build spectrosopes to view the spectrum of dif-



ferent types of light. Stay for the full day and we'll reveal many mysteries of science as we investigate creepy creatures, learn troll tricks, capture a rainbow in a bottle, make instant snow, mix up glowing slime and conduct lab tests on mystery substances.

## HERSHEY AREA PLAYHOUSE

*Hershey Area Playhouse and Hershey Gardens Present*

### Summer Theatre Camp: Treasure Island



July 16 - 27

9 a.m. – Noon

For grades 4 – 8

Instructor:

Laurie Miller Petersen

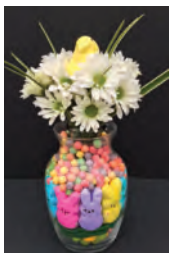
\$275 per student

(includes camp shirt)

Join us for two weeks

of improvisation and stage combat, as well as scene and character work as we embark on a voyage to "Treasure Island." Full of swashbuckling adventures, this classic tale is sure to be a journey of epic proportions. The culmination will be a fully-produced presentation for an audience on the final day of camp. Registration required at [HersheyAreaPlayhouse.com](http://HersheyAreaPlayhouse.com), beginning March 31.

## TAKE A CLASS WITH US!



### Easter "Kids' Table" Centerpiece

Thursday, March 29 at 10:30 a.m.

Members: \$40; Non-members: \$50

Create a fun and whimsical mini centerpiece for the Easter children's table and watch the kids try to hold themselves back – it's a decoration and a snack! This class is designed with youngsters in mind, and its goal is FUN! All supplies and

materials are provided. Admission to Hershey Gardens is included in the class. Led by Jody Davey, Hershey Gardens horticulturist.

Cost covers one arrangement; families may work together. All children must be accompanied by an adult. Online registration required at [HersheyGardens.org](http://HersheyGardens.org).



### Arranging a Dozen Roses in a Vase

Saturday, June 2 at 10:00 a.m.

Members: \$35; Non-members: \$45

A dozen roses in a vase is a thing of beauty, especially when the arrangement has been professionally designed. This class will reveal tips and tricks of the florist trade that will allow participants to create a stunning and balanced dozen-rose arrangement that looks fresh from

the florist's design table. All supplies and materials are provided. Advanced registration is required prior to the class. Led by Jody Davey, Hershey Gardens horticulturist.

Online registration required at [HersheyGardens.org](http://HersheyGardens.org), beginning in May.

# Mark Your Calendar!

## Easter Sunrise Service

**Sunday, April 1 at 6:30 a.m.**

A Hershey Gardens tradition that began in 1947, the community is invited to join the Hershey Ministerium for this non-denominational service. No admission fee prior to 8 a.m. Service also will be livestreamed at [fishburnumc.org](http://fishburnumc.org).



## Spring Kids Craft

**April 7, 8, 14 and 15 from 12 – 2 p.m.**

Kids can welcome spring by making their own bird's nest, complete with colorful feathered friends and eggs. Activity will take place in The Children's Garden and is included in admission; free for members.

## Mother's Day Weekend

**May 12 and 13 from 9 a.m. – 5 p.m.**

**Free admission for moms on Saturday and Sunday!**

Celebrate Mom at Hershey Gardens! Be sure to stop by the Education Center on Sunday in The Children's Garden for a rhododendron and azalea display provided by the Susquehanna Chapter of the American Rhododendron Society.



## Susquehanna Iris Society Display

**Saturday, May 19 from 9 a.m. – 5 p.m.**

Enjoy the showy flowers of the iris in this display provided by the Susquehanna Iris Society. Included in admission; free for members.



## Father's Day

**Sunday, June 17 from 9 a.m. – 6 p.m.**

**Free admission for dads!**

Bring Dad to enjoy 3,500 roses - in full bloom!

## Marvelous Mondays

**July 9, 16, 23, 30 and August 6, 13  
from 10 a.m. – Noon**

## The Children's Garden AT HERSHEY GARDENS

Explore The Children's Garden while discovering nature, creating crafts and enjoying entertainment. Each week brings a new program and take-home activity. Included in admission; free for members.

## Ugandan Kids Choir Performance

**Friday, August 3 at 2 p.m.**

**TUBASANYUKIDDE!**

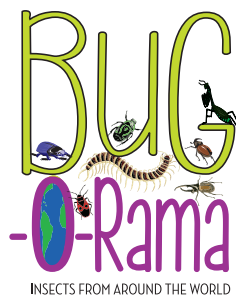
That's "welcome" from all the children of the Ugandan Kids Choir! They're ready to bring Africa to you through their jubilant song and dance. Included in admission; free for members.



## Bug-O-Rama

**Saturday, September 8 from 10 a.m. – 4 p.m.**

Explore the world of bugs in this family-friendly interactive day! From bugs found under the ground to those flying in the sky, there is much to discover. Come for show, tell and touch displays of unique, live insects from around the world and participate in a variety of kid-friendly activities. Included in admission; free for members.



## Member Reception

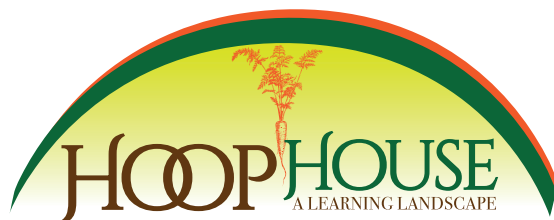
**Thursday, September 27**

**from 4:30 – 6:00 p.m.**

Look for your invitation in the mail!







## See What's "Growing On" in the Hoop House This Summer!

**H**ershey Gardens' horticulture staff is busily planting seeds in preparation for this summer's sustainable gardening display in the Hoop House. Located in the former outdoor Butterfly House in The Children's Garden, the Hoop House introduces guests to unique, space-saving ways to grow fruits, vegetables and herbs, as well as other sustainable gardening techniques.

The Hoop House will feature common vegetables, as well as unusual home garden vegetables, planted in containers. "Guests of all ages will quickly see how easy it is to grow your own food - even in small spaces," said Alyssa Hagarman, horticulture specialist. "We will be showing inexpensive and unusual ways to grow them."

Other sustainable gardening techniques, such as water conservation, are demonstrated in the House. "Rain barrels catch runoff from the roof, which is used to water the plants," noted Hagarman.

"We love the idea of showing families what they can do at home - and the importance of creating a sustainable environment," said Hagarman. "Gardeners of every skill level can walk away with an idea to use at home."



The Hoop House, which opened in 2017, is named for the series of hoops covered in mesh that create the enclosure.



Strawberries grow in a laundry basket to help minimize the spreading of runners in unwanted areas.

### YOU DON'T NEED TO HAVE A FARM TO BE A FARMER.

Grow peppers on the patio, beans on the balcony - even radishes on the roof!

Whether you're tight on garden space, face challenging growing conditions, or have no yard at all, explore these sustainable gardening techniques and learn tips to help create a garden that is easy, fun and safe for kids, pets and wildlife.



### WHAT IS SUSTAINABLE GARDENING?

It's simple: creating a garden that uses less water and needs little to no dangerous chemicals. It works with nature to minimize negative impacts on your health and the health of the environment.

#### KEYS TO CREATING A SUSTAINABLE GARDEN

- Plant Selection - Choose plants that are best suited for your location
- Watering - Capture and use rainwater
- Healthy Soil - Use organic fertilizer to make plants strong
- Attract pollinators - The more pollinators, the larger the harvest

#### WHAT'S A POLLINATOR? WHY ARE THEY IMPORTANT?

A pollinator is an animal that moves pollen from one part of the flower to another part. This pollen then fertilizes the plant. Only fertilized plants can make fruit and/or seeds, and without them, the plants cannot reproduce.

Insect pollinators include bees, wasps, ants, flies, butterflies, moths and flower beetles.

The M.S. Hershey Foundation



Hershey Gardens  
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HersheyGardens.org

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# BIG BAND & BLOOMS AT HERSHEY GARDENS

FRIDAY, JUNE 29 | 6:30 - 8:30 P.M.



**Get out your dancin' shoes, we're "bringing the swing"  
with the Hershey Symphony Big Band!**

Be sure to bring your favorite snacks and beverages,  
as well as a blanket or chairs.

**New this year: specialty food trucks!**

Order tickets online at [HersheyGardens.org](http://HersheyGardens.org).

\$18 per person | \$15 for members | \$20 at the door  
\$500 sponsorship includes 20 tickets



All proceeds benefit Hershey Symphony and "Share the Gardens" scholarship fund.