





JOIN US FOR THE SUMMER GRAND OPENING!

Conservatory to Showcase Exotic, Tropical Plants

Perched high atop a hill overlooking Hershey's iconic landmarks, the new Milton & Catherine Hershey Conservatory at Hershey Gardens is right on track for a summer grand opening.

"We've received so many enthusiastic inquiries about the opening date," said Don Papson, executive director of The M.S. Hershey Foundation. "Everyone is eager to experience it."

The new 16,000-square-foot structure will feature an indoor Educational & Horticultural Wing, a Butterfly Atrium and a Welcome Pavilion, as well as a terrace and an overlook.

"The Conservatory is the perfect size for our garden," said Papson. "It's not ostentatious or extravagant. It's beautiful. That's what we hoped for."

Tropical Plants Take Root

Exterior construction is nearing completion and the focus is turning to the interior.



A cacao tree will be featured in the Conservatory. Cacao beans and pulp are used to make chocolate.

"Replicating a natural habitat for tropical plants and butterflies takes a careful balance of environmental conditions," said Brooke Umberger, horticulture coordinator

"Our horticultural emphasis will be tropical plants, but each area inside the Conservatory will be unique," said Umberger.

The Welcome Pavilion will showcase large tropical plants, such as 22-foot palms and other stunning specimen trees. "It's important that this area has a sense of arrival," said Umberger.

The Educational & Horticultural Wing will focus on plants that will help students and guests learn about biodiversity, natural resources and the life cycle of plants.

"The Butterfly Atrium will have the most warm, tropical environment, which is necessary for butterflies," said Umberger. "The exotic plants selected for this area also need to produce nectar, a critical food source for the butterflies."

"All the plants we chose were carefully researched to ensure they would meet our needs."



Brooke Umberger inspects tropical groundcover plants getting ready for shipment to the new Conservatory.

"A heated truck will deliver our selections in late March," said Umberger. "We're really excited. It'll be a whole new world."

Get Updates

For ongoing updates on the opening of the Conservatory, please visit Hershey Gardens on Facebook, Twitter and Instagram, or at HersheyGardens.org.

Exotic Butterflies



Visitors to the new Butterfly Atrium will enjoy more than 500 tropical and North American butterflies fluttering among the Atrium's tropical plants.

"Guests might see the surprisingly beautiful African sunset moth, the strikingly iridescent blue morpho from Central America or the gigantic birdwing from Southeast Asia and Australia," said Dan Babbitt, associate director. "Plus, a butterfly that will surely feel right at home in Hershey -- the chocolate malachite butterfly from South America - - will also be in flight."

"Butterflies from around the globe will thrive in the Atrium," said Babbitt. "We have taken every measure to ensure the environment and conditions inside the Atrium are ideal for butterflies."

"We plan to showcase 40 to 60 species at a time, so guests can discover new varieties at every visit."

10 Questions With...

Mariella Trosko, Director, Hershey Gardens

We recently caught up with Gardens Director Mariella Trosko to talk about all the exciting changes at Hershey Gardens.

You have worked for Hershey Gardens, The Hershey Story Museum and Hershey Theatre for a total of 13 years. Tell us more.

While obtaining a Master's degree in American Studies, I began an internship in the curatorial department of the former Hershey Museum. Subsequent jobs followed in the education and visitor service departments of the museum until I was named The M.S. Hershey Foundation's director of education in 2007. In this role, I was part of the team to open The Hershey Story Museum and also led the education team in the creation of the Hershey Theatre Apollo Awards.

In your varied roles thus far, what has been the most challenging? The most rewarding?

Sometimes the biggest challenges are also the most rewarding. Overseeing the educational programs at three properties often required a hectic pace and forced me to be really organized. On any given day I could be talking with students and guests about such diverse subjects as butterflies, Broadway and cocoa beans.

You're coming up on your one year anniversary of being the Gardens director. What has been the most gratifying for you so far?

I love the time I spend with the staff, and I really like that I'm able to concentrate on just one property and "dig into" a project. There is great satisfaction in that and, of course, the reward in building the Conservatory is immense.

What are your main goals as director of Hershey Gardens?

I want to utilize the talents and strengths of our team to ensure a rewarding and unique experience for each guest. I also hope to expand our educational programming to benefit local residents, touring school groups, families and visitors.



Mariella Trosko works with staff to complete educational exhibits for the new Conservatory.

How will the Conservatory transform Hershey Gardens?

The year 'round aspect will definitely offer the most significant transformation. Visiting the warm, tropical Butterfly Atrium on a cold winter day – that will certainly be an unforgettable experience.

How will the Conservatory change the educational experience for school groups?

We will be able to serve many more students. Because the current Butterfly House is seasonal, we can only accommodate school groups for a few weeks out of the year. The new indoor Butterfly Atrium will give us the ability to host students throughout the school year. We will also be starting a scholarship program called "Share the Gardens" to benefit students in lower-income school districts who would not otherwise be able to visit.

What will students learn?

Pennsylvania academic standards for science emphasize that learning about the world

around us is best accomplished through observation and experimentation. We couldn't agree more. Our educational themes will cover butterfly life cycles, plant pollinators, habitat conservation, ecosystems, sustainability and valuable natural resources, just to name a few.

Any other changes on the way?

The Conservatory is going to enhance an already wonderful Gardens experience. From the new parking lot and entrance, expanded admission and retail areas, to unique and interactive educational opportunities, the Conservatory will help us offer a more seamless guest experience.

What is your most memorable guest experience?

The delighted responses of children are always memories that stay with me. Many times when I come across students on a field trip and ask about their experience, they tell me how much they have enjoyed their visit and eagerly tell me what they have learned. Several have even grandly responded that "it was the best day of their lives!"

What is your favorite part of the Gardens?

I've heard that Milton Hershey spent a lot of time relaxing and reflecting in the Gardens. So do I. Although I love the variety and colors of the theme gardens, nothing compares to a tranquil walk among the massive sequoias and redwood trees that border the Japanese Garden. Standing among these beautiful giants and overlooking the pond is a sure way to relax and spend a few peaceful moments.

Filbert The Frog is Hopping Back to the Gardens!

Filbert will be hopping to new hiding spots all over the Gardens in July and August! Look for your clue near the entrance of The Children's Garden to help you determine where Filbert has landed. Use the clue to find him – and learn a fun fact about his hiding spot!



C is for Coreopsis

by Barbara Whitcraft, Horticulture Specialist

oreopsis, also known as tickseed, is a colorful daisy-like native flowering perennial. They have long brightened our sunny borders with their long season of little yellow blooms.

In recent years, there has been a resurgence of this genus. New, promising hybrids have flooded garden centers with double yellows, pinks, peach and twotone blooms. Unfortunately, many of the cultivars have resulted in disappointingly short-lived plants.

In 2015, Mt. Cuba Center in Delaware released the results of a three-year research project on Coreopsis, which revealed the species and cultivars that performed best in the Mid-Atlantic region. The project revealed that many perennial Coreopsis prefer sandy, well-drained soil, whereas wet winter soil kills many cultivars. Most of the clumping Coreopsis did not endure the three-year trials. However, all of the rhizomatous (underground stems) Coreopsis were reliably perennial throughout the trial period. Although the rhizomatous Coreopsis does increase in size each year, their spread is slow, and they will not out-compete other plants.

Coreopsis require very little maintenance throughout the season. Although tedious, deadheading spent flowers is thought to be beneficial. The spring-blooming types, such as *C. grandiflora* and *C. lanceolata* seemed to benefit the most from deadheading. Some of the taller or larger flowered cultivars may benefit from staking.

Although not necessary, *Coreopsis verticillata* and its cultivars could benefit from being divided approximately every three years. The best time to divide is fall or spring.

The most important thing when growing *Coreopsis* is to consider the type of soil in which it is planted. They prefer sandy, well-drained soil. If you have clay soil, incorporate compost to help improve drainage.

From a design perspective, *Coreopsis* are very versatile plants. You can plant them singularly or in masses. With differing heights, they can work into the front, medium or back of a border. Remember, yellow is a great addition to almost any border because it can be seen from a distance.

After reviewing the Mt. Cuba Center report, Hershey Gardens' staff went to work this spring, purchasing the best cultivars for a vibrant display. See them in bloom this summer.

Enjoy these Coreopsis varieties at Hershey Gardens this summer



C. verticillata'Zagreb



C. verticillata'Golden Gain'



C. 'Sweet Marmalade'



C. verticillata 'Route 66'



C. lanceolata 'Baby Sun'



ORDER NOW - IN TIME FOR OPENING DAY!

COMMEMORATIVE TREES, BENCHES & PAVERS

An enduring tribute to loved ones

The Milton & Catherine Hershey Conservatory will proudly feature a beautiful walkway that will lead to the Gardens' new entrance. The walkway will be lined with stately trees and five-foot teak benches, each designated as a special

Tree: \$750 Bench: \$2,000

naming opportunity for a loved one.

Swan Lake commemorative pavers are also still available. \$250 per paver (\$225 for members)

Learn more at HersheyGardens.org or call 717.520.5581.

William .

The Science Behind the Trial Gardens at Hershey Gardens

If you're a frequent visitor to Hershey Gardens, chances are you're familiar with just about every theme garden and unique tree. But have you ever taken note of the trial garden? These eyecatching beds of annuals, located near the seasonal garden, are the result of a cooperative effort with the Southeast Agricultural Research and Extension Center (SEAREC), in

Research and Extension
Center (SEAREC), in
cooperation with Penn State Extension.

"The plants in these beds are new cultivars being 'tested' to determine whether they will be introduced to the public," said Brooke Umberger, horticulture coordinator.

The SEAREC farm, located in Landisville, Lancaster County, has been in operation 50 years, with over 155 acres of trial plants ranging from crops such as corn and soybeans, to vegetables used by the home gardener, to flowering perennials. It is also home to the largest trial of annuals on the East Coast including hybridized, well-known cultivars as well as brand new cultivars.

"Each year, SEAREC donates new cultivars of annuals to be tested in the Gardens," said Umberger. "It's a mutually beneficial relationship. Thousands of guests are exposed to the trial program, and Hershey Gardens receives beautiful plants, some which will not be available to the public for several years," said Umberger.

Once SEAREC determines which plants they will be receiving from their contributing seed companies, they create a master list. Seed companies that enter their plants include Ball Seed, Dummen Orange, Burpee Home Gardens, Syngenta Flowers, Proven Winners, Bartlett's and PanAmerican Seed, to name a few. Last year alone, U.S. and international seed companies submitted a total of 1,240 flower varieties for testing. Hershey Gardens views SEAREC's master list of plants and chooses which cultivars will be showcased.

"We had the largest collection of trial plants last year – which included 66 culti-



The trial garden is located near the seasonal garden

vars of annuals," said Umberger. "Six plants of each cultivar are planted to help judges better determine its overall performance."

"We receive and install our SEAREC plants in mid-May," noted Umberger. "The plants are put on a schedule determined by SEAREC so that our trial plants grow under the same conditions as cultivars in other locations. Different care and watering patterns could produce biased results."

66 It's great to show guests new plants that could be coming to the market 99

The plants are fertilized once a week with a 20-20-20 mix and weeded and deadheaded as necessary, with the exception of geraniums, which are deadheaded on a different schedule, set by SEAREC.

A representative from Penn State Extension judges the annuals. Each variety is judged on a number of factors including size, uniformity, bloom color and longevity, as well as signs of pests or disease. "They are rated on a scale of 1 to 5, with 5 being highest," said Umberger. "Most of our plants place well in the 4 range." The plants are judged four times throughout the growing season to determine potential factors that could play a part in a possible decline of any given cultivar. Precipitation and temperature, among other factors, determine which plants will out-perform others.

"This past year some of our top performers included *Osteospermum, Lantana, Dahlias, Coleus, Zinnias* and *Salvia,*" said Umberger.

"Though many other plants still performed well, such as *Geraniums*, *Petunias* and *Calibrachoas*, they were not as spectacular as the others."

Hershey Gardens is proud to host these unique plants through the SEAREC partnership. "It's great to show guests new plants that could be coming to the market, and they like that this project is locally based," said Umberger. "We hope to expand the program by obtaining more cultivars every year."

2015 TOP PERFORMERS



Osteospermum '4-D Purple New'



Lantana 'Lucky Sunrise Rose'



Coleus 'Henna'



Dahlia 'Dahlinova Hypnotica Teguila Sunrise'

Easter Sunrise Service: A Hershey Gardens Tradition

n Easter morning in 1947, the Hershey community gathered at the Hershey Rose Garden at sunrise to celebrate Easter with music and word. Arranged by the Hershey Ministerium, a group of pastors serving Hershey's protestant churches, the first Easter sunrise service was led by Reverend George Mack, pastor of Holy Trinity Lutheran Church

For many years, Hershey's Easter sunrise service at Hershey Gardens was an annual event. The local pastors took turns coordinating the event and preaching at the



Attending the Easter Sunrise Service was a family affair for the Sonni family, c. 1960

service. The time for the service to begin would vary, depending on when Easter fell on the calendar. In 1962, the service started at 5:23 a.m.! Temperatures also could vary widely. Some years the weather was balmy; in other years attendees welcomed Easter in the snow and bitter cold.

Music was provided by one of Hershey's three school choruses and a student brass group usually performed. The service was popular with the community and up to 1,000 people attended each year.

Sometime after 1973 the service stopped being held, but was revived in 2007. Hershey's Easter Sunrise Service is still a community affair. The Hershey Ministerium graciously provides worship and music, and Hershey Entertainment & Resorts Company provides hot chocolate and coffee. Hundreds of people gather to celebrate the Easter holiday with music and word. Attendees are welcome to stay after the service to enjoy the beauty and serenity of the Gardens.



With an unseasonably warm spring, Easter 2012 saw tulips in full bloom

Join us for this year's Easter Sunrise Service on Sunday, March 27 at 6:30 a.m. Admission is complimentary prior to 8 a.m.

Become a Volunteer - Help Hershey Gardens Grow!

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

"Volunteers are vital to what we do at Hershey Gardens," said Dan Babbitt, associate director. "They introduce children to nature through youth education programs, engage visitors in the new 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 Babbitt.

Current opportunities are listed to the right. More information and an online application are available at HersheyGardens.org.



VOLUNTEER OPPORTUNITIES

Volunteens

The Gardens teen volunteer program is a great place for young adults to get involved in their community. Volunteens help plant vegetables and flowers, create educational activities and work with young guests at the Marvelous Mondays programs. Spend the summer connecting with nature - and with other teens!

The summer Volunteen program is available Mondays through Thursdays, June 20 through August 11 from 10:00 a.m. to 12:30 p.m. Teens are asked to work one or two days a week. Volunteen applications are due by May 6. New applicants will be contacted for an interview.

Butterfly Atrium Flight Attendants

Come join our team of butterfly volunteers in the Butterfly Atrium inside the new Milton & Catherine Hershey Conservatory! Share your interest in butterflies, plants and the natural world. The Atrium will feature hundreds of butterflies and moths from all over 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 new 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 handson education stations. As a school programs volunteer, you will play an important role in fulfilling Hershey Gardens' educational mission.

Special Events Volunteer

Want to be a volunteer, but can't make a regular commitment? Become a special events volunteer! Assist staff by preparing crafts and interacting with guests during our fun and festive events.

Mark Your Calendar!

Hershey Gardens opens for the season! Thursday, March 24 at 9 a.m.



Easter Sunrise Service Sunday, March 27 at 6:30 a.m.

A Hershey Gardens tradition, the community is invited to join the Hershey Ministerium for this non-denominational service. No admission fee prior to 8 a.m.

Gardenfest

Sunday, April 17 Free admission from 9 a.m. to 5 p.m.

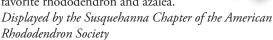
Our annual free community day! From 10 a.m. to 2 p.m., local organizations will offer information on various community and garden programs, weather permitting.



Mother's Day

Sunday, May 8 from 9 a.m. to 5 p.m. Moms admitted free!

Stop by the Education Center in The Children's Garden to vote for your favorite rhododendron and azalea.



The Butterfly House opens for the season! Friday, May 27 at 9 a.m.



Marvelous Mondays

Monday, July 11, 18, 25 and August 1, 8, 15 from 10 a.m. to 12 p.m.



Mondays are marvelous in The Children's Garden! Visit each week to enjoy special children's activities and crafts! Included in admission. Check HersheyGardens.org for a schedule of programs.

Father's Day

Sunday, June 19 from 9 a.m. to 7 p.m. Dads admitted free!

A Whimsical Day of Fairies & Flowers

Saturday, June 25 from 9:30 a.m. to Noon
Hear ye, hear ye! Join the Fairy Queen
in her search to find the secrets of growing a beautiful garden. Make a whimsical water wand and your own fairy dust.
Children are encouraged to come dressed
in a fairy costume. \$15 for juniors (\$8
for members). Accompanying adults pay
regular admission only (members are free).

Tickets are limited and must be purchased at HersheyGardens.org by June 21.



Explore the secret world of butterflies and bugs as Hershey Gardens goes around the world to find our most unique bug friends. Miss Maggie will present the musical program "Backyard Bugs," at 10:30 a.m. Kids will be bug-eyed as they participate in activities that feature live bugs. Included in admission.



Member Reception

Thursday, September 8 from 5:30 to 7 p.m.

Look for your invitation in the mail.

Bloomin' Art Exhibit

Saturday, August 13 and Sunday, August 14 from 10 a.m. to 4 p.m.





See fabulous works of art by members of the Hershey Area Art Association. Exhibit on display in the Education Center, located in The Children's Garden. Included in admission.

SUMMER EMPS 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!

"Budding Artist" Art Camp

June 21 - 24
9:30 a.m. – 12 p.m.
For grades 4 – 8
Instructor: Steve Koons
\$110 per student



Learn about the history of fairy artists and how to become one! Projects include drawing techniques, water color design and use of natural materials to create fairy garden pieces. Register online at HersheyGardens.org.



Our hands-on approach to science provides children the unique opportunity to conduct exciting and engaging experiments and activities. The curriculum is developed by educators and lessons are aligned with the national science standards. We make learning science fun!

For more information or to register, please call 1.877.870.9517 or go to ScienceExplorers.com and select "Summer Camps" and enter zip code 17033.

Potions, Powders & Polymers

July 5 - 8 For ages 7 — 11

9 a.m. – 12 p.m.: \$180 (half day) 12:30 p.m. – 3:30 p.m.: \$180 (half day) 9 a.m. – 3:30 p.m.: \$316 (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 spectroscopes to view the spectrum of different 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.

Fizz, Bang, Boom!

July 12 - 15 For ages 7 – 11

9 a.m. – 12 p.m.: \$180 (half day) 12:30 p.m. – 3:30 p.m.: \$180 (half day) 9 a.m. – 3:30 p.m.: \$316 (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!

Jr. Outback!

July 12 - 15 For ages 4 – 7

9 a.m. – 12:00 p.m.: \$180

G'day, mate! We're headed to the land down under for an amazing Australian adventure! Learn about kangaroos, koalas and crocs, explore traditional customs, make a yummy Aussie party treat, create aboriginal music with a didgeridoo, and take an underwater look at the great barrier reef!

Far Out Space Academy

August 2 - 5

For ages 7 – 11

9 a.m. – 12 p.m.: \$180 (half day) 9 a.m. – 3:30 p.m.: \$316 (full day)

3...2...1 BLAST OFF to discovering space and flight! Half day campers will explore the stars and constellations as you take an out-of-this-world sky tour in our homemade planetarium, prepare for lift-off as you build and launch your own rocket while learning about Newton's Laws of Motion, and complete a mission to Mars as you design and build your own model space station. Full-day campers will continue to use their astronaut wits as we build air powered nano-rovers, make craters and dry ice comets, and work in engineering teams to construct space capsules that will be used to launch "eggstronauts"!



Hershey Area Playhouse and Hershey Gardens Present

Summer Theater Camp:

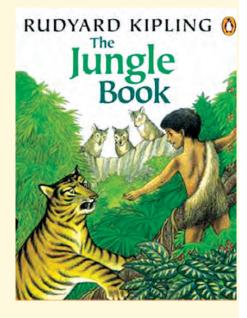
"The Jungle Book" at Hershey Gardens

July 18 – 29 (Mondays at Hershey Area Playhouse, Tuesdays – Fridays at Hershey Gardens)

9 a.m. – 12 p.m. For grades 4 – 9

Instructor: Laurie Miller Petersen

\$265 per student



Welcome to the jungle! Spend two weeks with Mowgli and friends as we explore the characters and adventure of Rudyard Kipling's "The Jungle Book," then put on our own performance in the amphitheater of The Children's Garden. In this popular acting camp, students will hone their acting, improvisational and theatrical combat skills. Registration will open March 31 at hersheyareaplayhouse.com. For more information, please contact Laurie Miller Petersen at swordchick@comcast.net.



Hershey Gardens 170 Hotel Road Hershey, PA 17033 HersheyGardens.org

Hershey Gardens Opens for the Season on Thursday, March 24!

Welcome spring!

Come enjoy the first splashes of spring color in the early-blooming bulbs and perennials, as well as beautiful flowering trees and shrubs. Plus, bring the kids to enjoy

The Children's Garden!

Operating Hours:

March 24 through May 26: 9 a.m. - 5 p.m. daily

May 27 through September 5: 9 a.m. - 7 p.m. daily (The Butterfly House is open 9 a.m. -5 p.m. daily, weather permitting.)



FROM THE DIRECTOR

SPRING EXCITEMENT

Memories of multi-colored tulip beds surrounding my red brick childhood home make the tulip one of my favorite flowers. Seeing thousands of these springtime favorites bloom at Hershey Gardens is just one of many reasons to visit during the next few months. Strolling among early daffodils

months. Strolling among early daffodils and hyacinths is a sure sign that spring has arrived.

Another reason to plan a visit, of course, is the summer grand opening of the Milton & Catherine Hershey Conservatory -- and anticipation is in the air. This building will be so much more than a new structure; it will change the way you experience Hershey Gardens. Your visit will begin at our new entrance and parking area and continue as you travel the tree-lined walkway to the new



admissions and retail areas in the Welcome Pavilion.

A highlight will surely be a trip to the year-round tropical Butterfly Atrium, featuring butterflies from around the world and fascinating tropical plants, including our very own cacao tree. Guests will also have an opportunity to

explore the Educational & Horticultural Wing, with many opportunities for fun, interactive learning. Watch for news about the grand opening date and join in the celebration!

Mariella Trosko

Director, Hershey Gardens

MTrosko@MSHersheyFoundation.org