

# RESILIENCE & GROWTH

2020 ANNUAL REPORT



HAVERFORD COLLEGE  
ARBORETUM



## THE MISSION

The mission of the Haverford College Arboretum is to steward the College's historic tree collection while fostering a connection between our 216-acre campus and those who work, visit, study, and reside here. Maintaining the health, diversity, and history of the tree collection honors William Carvill's original 1834 landscape design, while our educational programming ensures continued engagement with this unique and treasured asset.

Haverford College Arboretum values the importance of its rich history, natural landscape, and the opportunities they present. Working with different communities, we serve to educate and preserve this ecologically diverse habitat and provide stewardship for our collections for generations to come.



*Heptacodium miconioides*  
seven-son flower



*Quercus shumardii*  
shumard oak



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## NOTABLE ACHIEVEMENTS

in 2019–2020

- Surpassed our goal of planting and accessioning 300 trees
- Developed a five-year strategic plan
- Became a Level III Arbnet Arboretum
- Held 70 programs for members and non-members alike
- Participated in the Reciprocal Admission Program (RAP) as a new member benefit
- Began restoration of the Pinetum
- Created the online Arboretum Explorer to showcase our collections virtually

*Clockwise from top left: Seed-saving workshop; community volunteers plant new saplings behind the Dining Center; a volunteer builds a new honeybee hive box; honey comb collected from the HaverHives; Gregg Gorton leads a group of birders through a guided Nature Trail walk*



## PRESERVING THE PAST, Planting the Future

By Claudia Kent, director of the Arboretum

In this time of uncertainty, I feel overwhelming gratitude for the extraordinary achievements of the Arboretum. Little did we know in March that the world would change and COVID-19 would close our campus. It felt as though the momentum we've been building over the last several years came to a grinding halt. To the contrary, what it did provide was a time of reflection that gave clarity to what we've accomplished.

The Nature Trail has always been our biggest attraction. Tens of thousands of visitors walk, run, and decompress on the 2.2-mile loop. During the last two years, we've planted hundreds of trees to revitalize the area. I challenged the staff to plant 300 trees campuswide, many of which went along the trail and Fletcher Silver Woods. They exceeded the goal, with 380 trees planted.

For the first time in Arboretum history, we offered more than 70 programs and events. From winter tree identification, to Pinetum and witch hazel walks, to pumpkin carving and essential oils workshops, our programs attracted diverse audiences. We also built our volunteer base by offering gardening opportunities in our campus display gardens.

Last fall, we became a Level III Arboretum. In gaining ArbNet's Arboretum Level III status, we receive recognition for demonstrating a standard of practice in the sharing of knowledge, experience, and resources with the public and others in the arboretum community.

Last September, we completed a strategic plan that will guide the Arboretum through 2024. The plan is available at [haverford.edu/arboretum](http://haverford.edu/arboretum). While you're there, check out the new Arboretum Explorer—a new tool that gives you virtual access to our entire tree collection.

2020 will go down as one of the strangest years we've known in our lifetime—by far. We hold faith that we'll be able to welcome you all back soon.

*Metasequoia glyptostoboides*  
dawn redwood



Opposite page: The Arboretum crew celebrating the planting of the 300th tree, a *Metasequoia glyptostoboides* by the Walton Road entrance to campus

Clockwise from top right: Monarch butterflies taking advantage of the *Asclepias* in the Pinetum meadow; President Raymond assists in planting her inauguration tree (*Cladrastis kentukea*), which will live outside her office window; Reverend John Norwood, a member of the Nanticoke Lenni Lenape Tribal Council, visiting the Treaty elm; native trees awaiting planting along the Nature Trail

Clockwise from top left: Seedlings in the Haverfarm greenhouse; Friday afternoon farm stand in front of Founders Hall; building the HCA raised garden beds; items from salve workshop; Haverfarm herbal tea workshop



## THE HAVERFARM Flourishes

In a year of global changes, the Haverfarm adapted its outstanding programs. The consistent preparedness of sustainable farming operations allowed for a smoother transition to COVID-19 regulations. While the farm was temporarily closed in March, April, and May, we got to see the natural patterns of the farm without farmers. Cover crops took over and created a perfect habitat for birds, worms, rabbits, deer, and other wildlife. As humans moved back in, the cover crop made way for annual and perennial veggies.

The Haverfarm partnered with the Office of Student Engagement to create a food pantry for students in need. Two student worker positions were funded by proceeds from farm sales. New raised beds were built in the Haverford College Apartments garden.





*Clockwise from top left: Community members from Tired Hands Volunteer Corp. cleared the Nature Trail of invasive species along the Duck Pond spillway; community members participate in the craft station at the annual Fall Festival; Gillian Wiedorn, Agnes Moncy, and Marianne Martino are our dedicated volunteers for the Hilles Courtyard Garden*



*Students from Lower Merion high schools' BuildON Volunteer Group help mulch newly planted trees.*



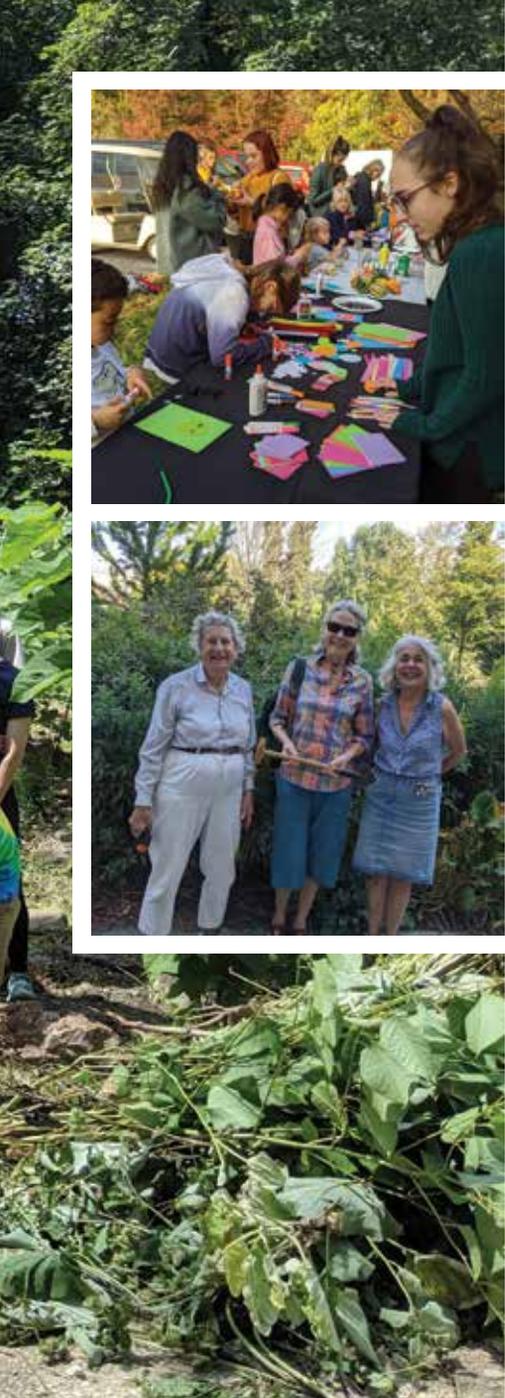
*Jennie Ciborowski, Arboretum program coordinator, shares America's Garden Capital Passport with Philadelphia Flower Show visitors.*



## PROGRAMS and Events

- We hosted more than 20 volunteer workdays with community members, corporate groups, and local school districts. This included a new partnership with the Global Citizenship Course at Harrington and Lower Merion High Schools, through which students volunteer for nonprofits.
- Our 141 volunteers donated nearly 800 hours of their time, assisting the Arboretum and Haverfarm in planting trees and landscape plugs, weeding, invasive removal, event prep, and more.
- We hosted 40 events allowing the Haverford community to enjoy activities such as exploring invasive species, DIY workshops, curated plant walks, and Haverford's history.
- We increased our involvement in the College's academic curriculum by participating in the Science and Practice of Mindfulness, Theories of Change, and Sustainability Lab courses.
- We expanded our outreach efforts at the Philadelphia Flower Show, along the Nature Trail, and at Haverford's Involvement Fair and Celebrate Community events.
- We partnered with Women in Horticulture to provide programming during Public Garden Day for Professionals, which featured Haverford College Arboretum, Stoneleigh, and Chanticleer.
- We increased our tour group capacity and provided tours to several local schools and universities, garden clubs, and Haverford community members.

America's Garden  
Capital Passport



More than 250 participants attended our Tree Canopy Conference co-sponsored by Morris Arboretum.



Arboretum members gather during the cocktail hour of the annual dinner.



*Ulmus parvifolia* 'Allee'  
lacebark elm

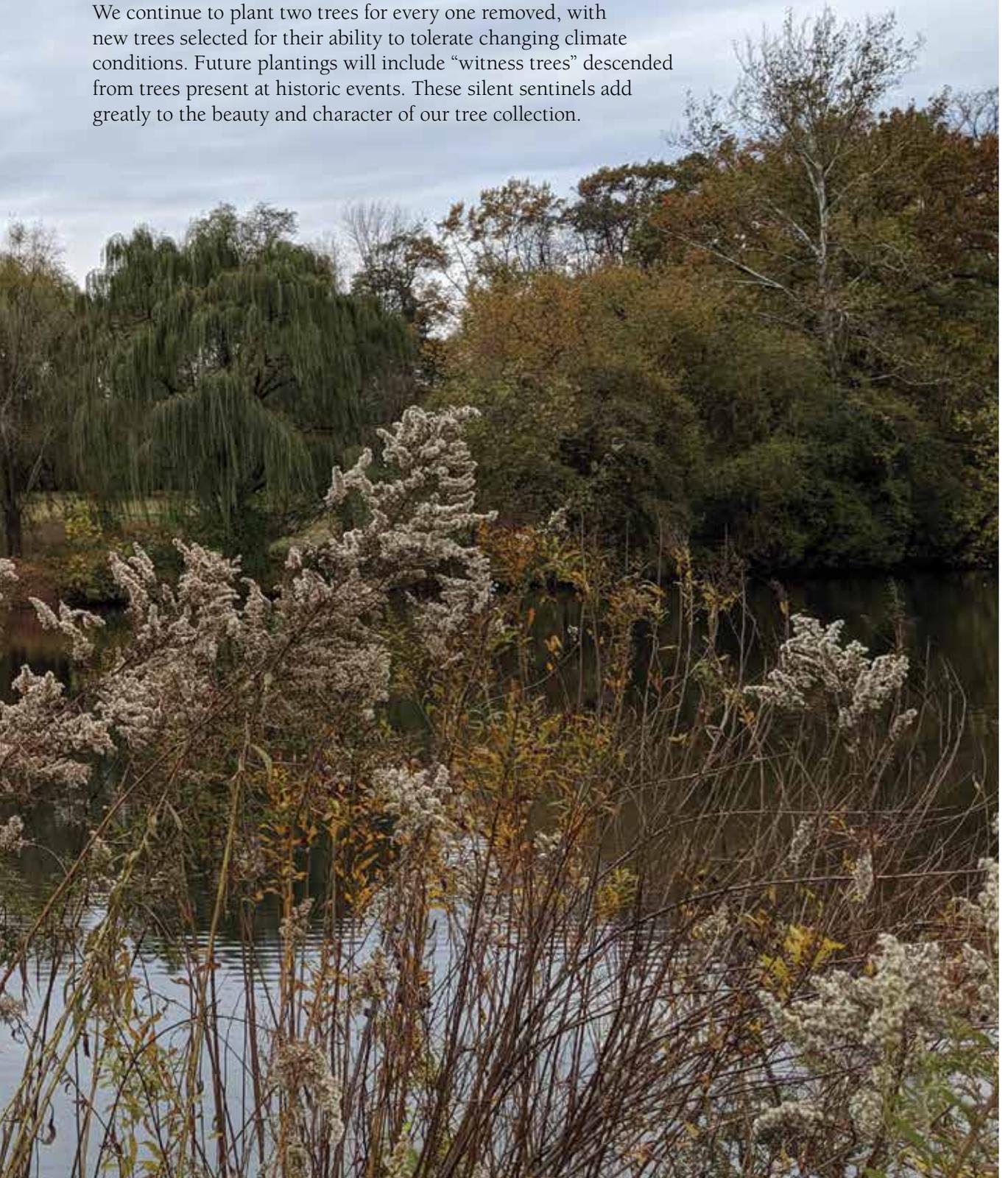


## REVITALIZING Our Trees

Admirable for their resilience in the face of nature's challenges, our trees and landscape continue to change and adapt.

The Arboretum entered the third year of the ambitious five-year revitalization plan undertaken in 2017. More than 500 trees have been planted towards a ten year goal to plant 1,000 new trees by 2027. Diseased, hazardous, and invasive trees have been removed.

We continue to plant two trees for every one removed, with new trees selected for their ability to tolerate changing climate conditions. Future plantings will include "witness trees" descended from trees present at historic events. These silent sentinels add greatly to the beauty and character of our tree collection.



## ROOTED in Best Practices

*Quercus garryana*  
Oregon oak



By their nature, behind-the-scenes activities are often overlooked, and yet they are critical to day-to-day operations. This year, the Arboretum advanced technologically by purchasing equipment and software for increased efficiency. All tree labels and educational signage are now designed and produced in-house. A new plant collections management software, IrisBG, supports effective curation.

The ArbNet Arboretum Accreditation Program recognized Haverford College Arboretum as a Level III arboretum. In attaining this status, we received recognition for standards of practice in the sharing of knowledge, experience, and resources with the public and others in the arboretum community. ArbNet:

- Recognizes arboreta at various levels (I–IV) of development, capacity, and professionalism.
- Fosters professionalism of arboreta worldwide.
- Enables collaboration in scientific, collections, and conservation activities.
- Advances the planting, study, and conservation of trees.



Clockwise from top left: ArbNet website; new label printer, new signage capabilities; the Osage orange (*Maclura pomifera*) is a favorite climbing tree of children visiting the playground



### PLANT A NEW TREE

Many of our trees were established by donors to honor special events and people. A minimum gift of \$2,000 helps purchase and care for a 5'–10' tree.



### ADOPT A GROWING TREE

A tree that has already been planted can be adopted and dedicated with a minimum gift of \$1,000. Both new and adopted trees can be labeled with a brief inscription of your choosing.

Contact us at [arbor@haverford.edu](mailto:arbor@haverford.edu) for help selecting an appropriate living gift.

During 2019–20, trees or benches were donated by:



**Tamra Carpenter and David Schankler**

*In memory of Donald Carpenter GP '18*

**Friends from North Carolina**

*In honor of Wendy Raymond*

**Stacy and Peter Clark**

Friends and colleagues  
*In memory of Randy Milden*

**Ron and Fredi Norris**

*In memory of Benjamin Norris*

**Family and friends of Marilou Allen**

*In memory of Marilou Allen*

Introducing

# ARBORETUM EXPLORER

Now you can enjoy a **virtual visit** with our new Arboretum Explorer. The searchable online tool maps our trees and includes photos and scientific information, along with highlights of our collection.

TAKE A TOUR

[haverford.arboretumexplorer.org](http://haverford.arboretumexplorer.org)



To learn how you can add to the Arboretum's beauty, contact us at (610) 896-1101 or [arbor@haverford.edu](mailto:arbor@haverford.edu).

Members at Large

Luke Hamilton  
Marc Inver '71  
Doug Ross '69  
Alan Wood

Staff Representatives

Sally Anderson, *plants curator*  
Don Campbell, *director, facilities management*  
Jennie Ciborowski, *program coordinator*  
Claudia Kent, *Arboretum director*  
Jesse Lytle, *chief of staff, president's office*

Student Representatives

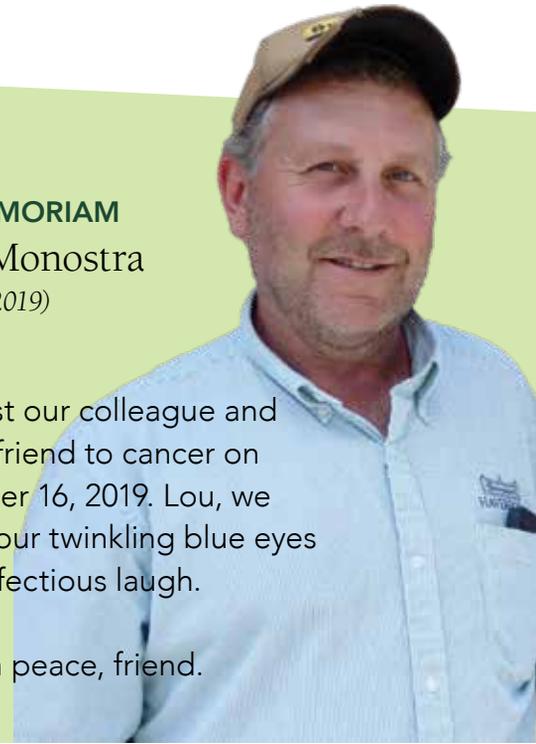
Hannah Doll '21  
Brooke Garbarini '20

IN MEMORIAM

Lou Monostra  
(1963–2019)

We lost our colleague and good friend to cancer on October 16, 2019. Lou, we miss your twinkling blue eyes and infectious laugh.

Rest in peace, friend.



ARBORETUM PERSONNEL

Student Workers

Sheena Dwyer-McNulty '23  
Oscar Garrett '23  
Rafael Grossman-Naples '23  
Nicholas Lasinsky '23  
Steve Lehman '19  
Riah Newfont '22  
Katya Olson Shipyatsky BMC '19  
Ross Silvers '22  
Logan Smith '23  
Sarina Smith '23  
Ryan Totaro '22  
Jacob Valero '22  
Katherine 'Kwas' Wass '22  
Emily Williams '20

Farm Workers

Luigi Febres '22  
Alicia Lopez-Torres '20  
Ellis Maxwell '20  
Eliane Nieder BMC '22  
Joslynn Provow '23  
Shaleia Thompson '20

Arboretum and Grounds Personnel

Sally Anderson, *plants curator*  
Charles Bone, *horticulturist*  
Jennie Ciborowski, *program coordinator*  
Matt Curtis, *groundskeeper*  
Kim Donovan, *horticultural assistant*  
Charlie Jenkins, *horticulturist*  
Claudia Kent, *Arboretum director*  
Lou Monostra, *grounds manager*  
Brendan Murray, *groundskeeper*  
Mike Pavlikowski, *groundskeeper*  
Len Sides, *equipment mechanic*  
Ceci Silberstein '19, *sustainability fellow*  
Michael Startup, *horticulturist*  
Schubert Sweat Jr., *groundskeeper*  
David Tierney, *groundskeeper*  
Madison Tillman '18, *farm fellow*  
Wayne Troop, *grounds manager*  
Carol Wagner, *horticulturist*

*Platanus × acerifolia*  
London planetree





### VCAM Rain Garden Perennials

- *Baptisia australis*
- *Eryngium yuccifolium*
- *Heliopsis helianthoides*
- *Lobelia cardinalis*
- *Lobelia siphilitica*
- *Monarda didyma* 'Jacob Cline'
- *Solidago graminifolia*



Clockwise from top left: The four-sided pole that bears the words “May Peace Prevail on Earth” in four different languages, located in the Peace Garden; summer in the VCAM Rain Garden; the Asian Garden designed by Harriet Henderson features artifacts donated by Elizabeth Prior and Reid Denis; fall in the Hilles Courtyard volunteer garden; spring in the president’s native plant garden

*Cedrus libani* subsp. *stenocoma*  
cedar of Lebanon



## JOIN US!

As a member of the Haverford College Arboretum, you'll connect with a community of members and volunteers who treasure our 216-acre landscape. Your support fuels the resilience and growth of the Arboretum.

Check out the benefits, choose your package, join, or renew your membership at [haverford.edu/arboretum/membership](http://haverford.edu/arboretum/membership)

See what's happening at the Arboretum and sign up for our online newsletter at

[hav.to/trees](http://hav.to/trees)

Follow us!  



### NEW MEMBER BENEFIT

Reduced fees for more than 300 arboreta, gardens, and observatories across the country



*Preserving the Past, Planting the Future*

370 Lancaster Avenue  
Haverford, PA 19041



Produced with a holistic view of our environmental responsibilities