



A publication of the Friends of the National Arboretum

# ARBOR FRIENDS

FALL 2023



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## FROM THE EXECUTIVE DIRECTOR



DEAR FRIENDS OF THE NATIONAL ARBORETUM:

*I can do things you cannot, you can do things I cannot; together we can do great things. —Mother Teresa*

Partnerships are all about coming together to do great things. They start with the partnership we have with the U.S. National Arboretum—from the horticulturists who manage the beautiful collections to the scientists who perform important research to all the teams that support their work. This is by far the most important partnership we have, but it is not the only one. We partner with

- The federal government through grants, including the USDA Farm to School, Service Learning, and Urban Agriculture programs to fund our Washington Youth Garden programs.
- The District government through grants to offer garden-based teaching in public and charter schools (we currently have partnerships with more than 10 Washington, DC, schools), hold cultural events at the Arboretum, and help kids grow through our Green Ambassador youth development programs.
- Like-minded organizations such as the National Bonsai Foundation, the National Capital Area Garden Clubs, the Garden Club of America, and the National Herb Society.
- Numerous businesses on our public and private event programs, which has resulted in a multimillion-dollar infusion into the local economy.
- Countless local and national foundations to fund all aspects of our work.
- Individual donors, like you, to support projects like the cleanup of Springhouse Run and current redesign of the Washington Youth Garden. FONA would not exist without you!

There's a whole lot to be excited about as FONA and the Arboretum move forward. We are continuing work on the upcoming canopy trail planned for the area behind the Washington Youth Garden. This three-phase project will allow visitors to take a stroll in the treetops and learn about the important role trees play in our environment. We're currently partnering with the National Capital Planning Commission and the Commission on Fine Arts to gain regulatory approval and hope to start construction next year.

We are also in the midst of constructing a new business blueprint for FONA as we approach the Arboretum's 100th anniversary and will partner with the Arboretum on this important initiative.

These partnerships drive our work and help us provide needed support and advocacy for the Arboretum. We strive to make a difference in our community by sharing the resources of the Arboretum to improve the lives of children and families. For us, it's all about people and our collective community, and we appreciate your support of our work! 🌳

Craven Rand, Executive Director  
Friends of the National Arboretum

**ON THE COVER** In fall, the fruit of Kousa Dogwood (*Cornus kousa*) swell and change color as they ripen. Though it's an acquired taste, the fruit is edible.

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## LETTER FROM THE ARBORETUM DIRECTOR

### Falling forward...



#### AUTUMN IS MY FAVORITE TIME

of the year, but I can't truly enjoy the cooler weather, shorter days, and fall foliage until we wrap up the

federal fiscal year. Here in DC, fall can be a frenzied affair as we ensure a spend-out rate of 99.99%, our accomplishments are recorded and reviewed, and we start all over again on October 1. It's good to look back to reflect on our successes and challenges before we look forward.

Our team has endured several extended critical vacancies over the year, as we worked through official channels to realign our programs and efforts. We look forward to implementing our changes next year and to filling vacant positions.

At the same time, we have been working with our partners, led by Friends of the National Arboretum, on improving

our relationships and meeting our collective needs so that we can successfully administer the vision of the National Arboretum for its next century.

Our Centennial is only a few years away (in 2027), so during this coming fiscal year, we'll begin in earnest to think about how we will celebrate and honor the National Arboretum's first century and consider how to leverage this momentous occasion to further propel the National Arboretum to success in its next 100 years.

Major capital repair projects, such as our perimeter fence and roof renovation for the Administration Building, are well underway. We have rebuilt our Facilities team over the last couple of years with new leadership and new positions. We now have more plans, studies, and designs than we have funds to support, so we look forward to working with our stakeholders to secure additional funding for these projects.

I have had the pleasure of being more intimately involved in the efforts of our education and interpretative team this

year—from our first new book in more than twenty years, *Cultivated Stones: Chinese Scholars' Rocks from the Kemin Hu Collection*, to an exhibit that earned honors from the American Society of Landscape Architects (*Sakura Orihon*), and a cross-cultural tsurazue (crutches) conservation project on our venerable weeping cherries. It will be hard to top all of that in 2024, but we have plans to finally acknowledge and honor the efforts of the Civilian Conservation Corps (CCC) Camp NA-1, one of the few African-American CCC camps in the region that laid out the grounds of the National Arboretum.

There is much to be proud of behind and ahead of us in 2024. As always, thank you for continuing to support us, and enjoy fall at the National Arboretum. 🌳

All the best,  
Richard T. Olsen, Director  
United States National Arboretum

## 4 WAYS TO MAKE A BIGGER IMPACT

Thank you for being a FONA member! Your annual membership gifts support FONA's mission-critical work, including our educational programs in the Washington Youth Garden. Here are four ways you can have a bigger impact and further connect to the Arboretum:

### 1 VOLUNTEER FOR FONA OR THE WASHINGTON YOUTH GARDEN



We have opportunities for individual and group volunteering throughout the year. In the garden and at events, volunteers increase what our small team can accomplish.



### 3 DEDICATE A COMMEMORATIVE BENCH

Honor a loved one or your own love of the Arboretum. Benches provide a beautiful spot for respite and relaxation for visitors, and your donation directly supports the National Arboretum's public gardens and scientific work.

### 2 JOIN FONA'S HERITAGE SOCIETY



Making a planned gift through your will is a wonderful way to show your support and appreciation for Friends of the National Arboretum and its mission while achieving your own personal, financial, estate-planning, and philanthropic goals.



### 4 JOIN THE DAVID FAIRCHILD SOCIETY

The David Fairchild Society is our highest level membership group and is a community of supporters who are passionate about the National Arboretum's gardens, plant research, education, and community engagement efforts.



Arboretum Staff Highlight:

# George Waters

It's easy for visitors to appreciate the beauty of the National Arboretum grounds, but it's harder to understand all the work that goes into caring for the collections and the scientific research that happens here every day. In our staff spotlight series, we want to shine a light on people at the Arboretum whose work may go unnoticed.

**Q:** *What was your experience with nature growing up?*

**A:** I started coming to the National Arboretum in 1970 when a friend told me about this place. I was around 16. We kept coming back here because we didn't live far away. Seeing how you could make an unusual space made me get into gardening, and shortly after that, I started growing food in the backyard. That's when I started getting into nature in a more intimate fashion. I can't believe I've been coming here for over fifty years!

**Q:** *What's your educational and career background like?*

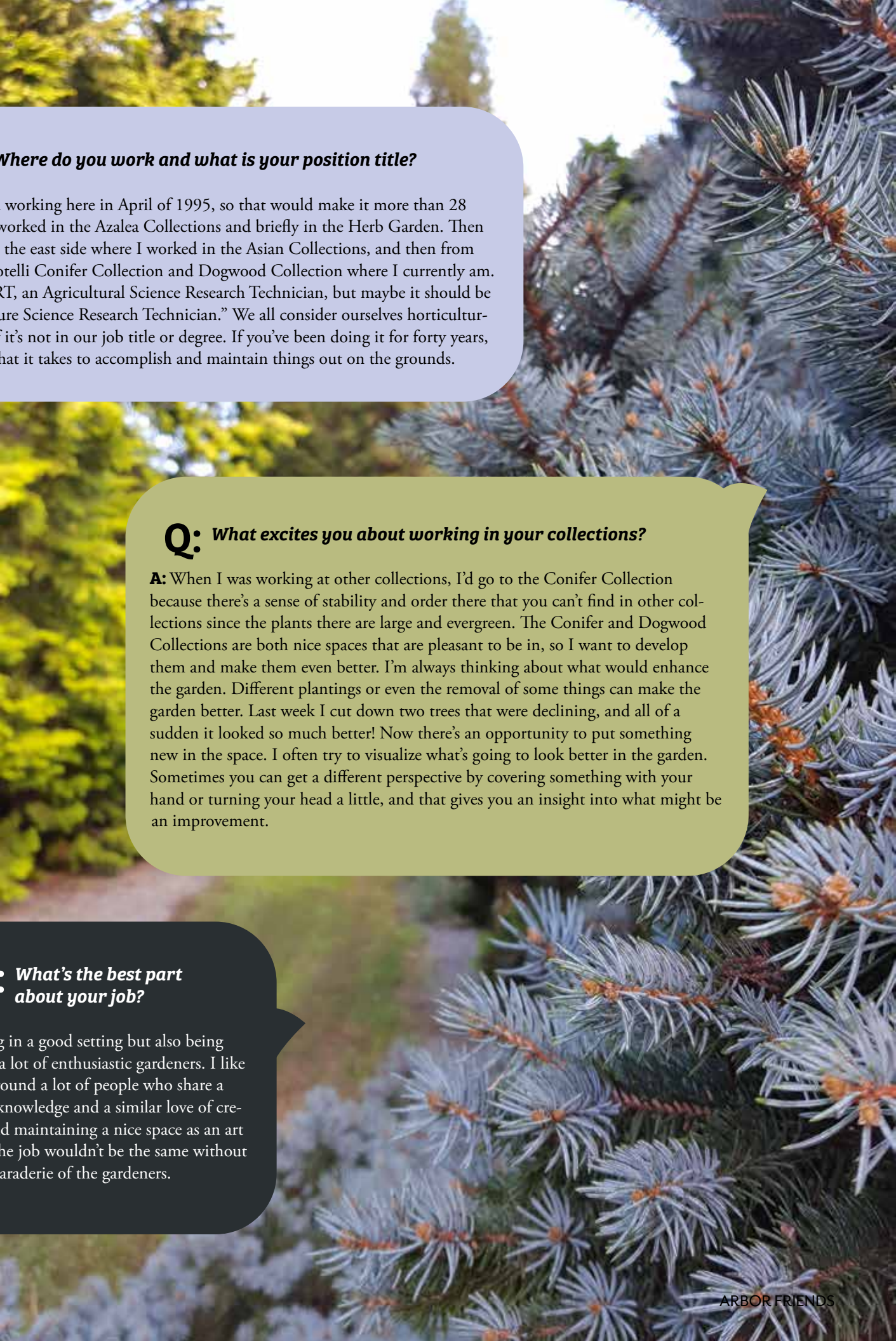
**A:** I've had to have a garden everywhere I moved once I left my parents' house. People would tell me I should work at the Arboretum since I love gardening so much, but I didn't think it was realistic, because I didn't have any specific education in horticulture. In 1975, I spent a whole summer in West Virginia on a farm, which I eventually became a part-owner of. I was an intern here in 1995, making a career change, trying to do something different. I'm glad I went from construction to gardening. This is exactly what I wanted to do as my last career move, so I'm lucky to be at the best place to do it.



**Right:** From the archives – Waters propagating cuttings at the headhouse in 2010. (Photo credit: USNA)



**Top:** George Waters works for the U.S. National Arboretum in the Dogwood Collection and Gortelli Conifer Collection. **Bottom:** The Dogwood Collection is in the northeast section of the Arboretum, overlooking the Anacostia River.



**Q:** *Where do you work and what is your position title?*

**A:** I started working here in April of 1995, so that would make it more than 28 years. I've worked in the Azalea Collections and briefly in the Herb Garden. Then I moved to the east side where I worked in the Asian Collections, and then from there to Gotelli Conifer Collection and Dogwood Collection where I currently am. I'm an ASRT, an Agricultural Science Research Technician, but maybe it should be "Horticulture Science Research Technician." We all consider ourselves horticulturists, even if it's not in our job title or degree. If you've been doing it for forty years, you see what it takes to accomplish and maintain things out on the grounds.

**Q:** *What excites you about working in your collections?*

**A:** When I was working at other collections, I'd go to the Conifer Collection because there's a sense of stability and order there that you can't find in other collections since the plants there are large and evergreen. The Conifer and Dogwood Collections are both nice spaces that are pleasant to be in, so I want to develop them and make them even better. I'm always thinking about what would enhance the garden. Different plantings or even the removal of some things can make the garden better. Last week I cut down two trees that were declining, and all of a sudden it looked so much better! Now there's an opportunity to put something new in the space. I often try to visualize what's going to look better in the garden. Sometimes you can get a different perspective by covering something with your hand or turning your head a little, and that gives you an insight into what might be an improvement.

**Q:** *What's the best part about your job?*

**A:** Being in a good setting but also being around a lot of enthusiastic gardeners. I like being around a lot of people who share a similar knowledge and a similar love of creating and maintaining a nice space as an art form. The job wouldn't be the same without the camaraderie of the gardeners.



**Q:** *What's your average day like?*

**A:** I want to make sure the gardens are always looking good, so every morning I check that plants are healthy, there's no damage, there's no trash, and so on. I see what needs work: pruning, removal of dead plants, weeding, that kind of thing. Then I do what I think is necessary to keep the garden going in the right direction. I'm always taking notes about what needs to be done and what I think needs to be done in the future, writing the next steps so I have a plan I can follow. I make notations so I can plan my week, my month, my year. You just can't hold in your head all the parts of the garden that need work. Fortunately, we have interns and volunteers to help us out and group projects with all the staff working together, so we're not doing everything alone.

**Q:** *What's the process of making a collection plan?*

**A:** We recently made a Collection Development Plan, the first one since about 1987. In the Plan, you're looking at what's happened in the history of the particular garden and the mission or original idea in the garden design. I'm not trying to change the focus of these gardens; I'm simply trying to enhance what's there already. We came up with challenges we've had in the garden, how we've addressed them, how they might change in the future, and plans for how we'll deal with them. How you want to maintain or modify the plant palette (i.e., list of species included in a planting plan) to make the garden better. The Conifer Collection is nearly perfect; kudos to the curator of the Conifer Collection and my co-worker Joe Meny. The Dogwood Collection wasn't great when I started working there, so I've put a lot of energy into trying to improve the collection—putting in new plant material and going back to the original plans of the founders of the garden and trying to continue with the vision they had. We're always trying to bring in more of the featured plant of a plant family into the garden. We're dealing with dying trees and water problems right now, so we look at what's causing the problems, what's worked in the past, and what might work in the future.

**Q:** What's something you wish more people knew about when they visit?

**A:** For the last ten years or so, we've been trying to have the longest period of bloom possible for the large-bracted dogwoods, so there's always something of interest in the garden. We've been able to extend the continuous bloom time from the first week of April all the way to the end of July. We try to educate people on how they can do the same stuff in their own gardens. Anywhere you look in the Conifer Collection, there's usually a green, a blue, and a gold, in a variety of shapes, to keep the garden dynamic. Every crapemyrtle variety the Arboretum has bred is in the Conifer Collection, and there are Japanese maples and perennials too, so all together, there are a lot of colors and textures to keep things interesting.



KAMALA CODRINGTON-WHITE is an ORISE fellow at the National Arboretum.

**Q:** What are your favorite plants, and why?

**A:** That is a tough question because it's like you're asking, "who's your favorite child?" I love all of them! In the Dogwood Collection, the *Comus kousa* are very impressive because they live a long time and get really large, and sometimes there are so many blooms that you don't see the leaves on them. In the Conifer Collection, I'm really impressed with the *Metasequoias*. There are a lot of varieties of them, but the dawn redwoods grow so fast and have a really cool history. They're deciduous and go a nice orangey color before the foliage falls. They're taller than the trees next to them, so if you're on a hill in DC with a view of the Arboretum, you might see them.

**Q:** What plants do you have at home or wish you could grow at home?

**A:** I wish I could grow more dogwoods and conifers. After working in those collections for fifteen years, I've developed such an affinity for those plants and have tried to make an effect with them. I'd like to use those, but it would require me to remove a lot of the existing trees in my yard to make that happen. I have roses, crapemyrtles, and some perennials, and the backyard is very steep and has a lot of existing trees. I'd like to take those out and put in stuff that I like, but it's difficult to do. When you're doing this for a living, AND you have a vegetable garden, AND you help other people garden, it's very hard to find the time to do any additional gardening. Sometimes I'm gardening seven days a week, so it can be a lot. But if you start a garden, you'd better keep going. 🌱

## Exciting News!

FONA is taking the next step in our Grow the Garden campaign of garden renovations. This phase includes upgrading the Washington Youth Garden's perimeter fence.

Replacing the existing fence will transform our one-acre space and offer several key enhancements. It will:

- Make the garden more inviting to youth and families,
- Create a visible, central entry point to the garden by adding a front entrance,
- Incorporate honeycomb elements to make the fence more visually interesting than the current chain link fence,
- Do a better job of keeping deer, raccoons, and groundhogs out of the garden, and
- Expand our growing space.

But all of this will be possible only with your support! We have already secured \$50,000 in grant funding for the fence renovation and \$50,000 from an anonymous couple as a matching gift. We need our community's help to reach our \$150,000 goal.

The Washington Youth Garden has always been a community space, and we want this campaign to be a community effort! Whether it's \$15, \$50, or \$500, every donation makes a difference. We hope that you, as a FONA Member, will get involved and help us spread the word.

The Washington Youth Garden has an amazing 50+ year history, and we are excited to take this next step toward securing its future. Thank you for your support. We look forward to celebrating what we accomplish together in summer 2024!

### SCAN HERE TO DONATE TODAY

If you are interested in learning more or you would like to be a lead sponsor, please reach out to Claire Alrich at [calrich@fona.org](mailto:calrich@fona.org) or by phone at 202.918.1868



Top and bottom left: The next phase of the Washington Youth Garden renovation includes building an improved perimeter fence. The existing fence is shown here. Right: This attractive fence is an example of a wooden design, and inspiration for the new WYG fence. (Photo credit: Lisa Bynon Garden Design)



# Meet Our Interns

In 2023, the National Arboretum was thrilled to welcome more than a dozen interns. The annual program offers on-the-job training in horticulture, botany, research, education, facilities management, and public garden administration. We would like to say thank you to all of this year's interns. Your incredible hard work and seemingly unending enthusiasm helped us accomplish so much. We would also like to thank all of the participating partner groups and institutions who so graciously sponsored the interns; without them, this program would be impossible. **Funding these internships is one of the ways FONA members and David Fairchild Society members support the Arboretum in a tangible way, enhancing the capacity of the Arboretum.**



Arboretum staff led several field trips for interns, including one to the Mt. Cuba Center, a botanical garden in Delaware. (Photo credit: John Shearin)



## ALIAH ABDUR-RAZZAAQ

### Asian Collections

Texas A&M (2025), Horticulture and Environmental Soil Science

Worked on propagating, irrigation mapping, weeding, pruning, and learning about the collection.

**What's next:** Complete my degree.

**Funder:** FONA



## TAYLOR CAMMACK

### National Herb Garden

University of Nebraska-Lincoln (2023), Plant and Landscape Systems

Managed all aspects of the Herb Garden.

**What's next:** Hope to continue in public horticulture.

**Funder:** Herb Society of America



## OLIVIA CASE

### Azalea Collections

Penn State (2025), Forest Ecosystem Management

Helped manage the Azalea Collections and monitor symptoms of oak decline around the Arboretum.

**What's next:** Complete my degree.

**Funder:** FONA



## DENNIS FERM

### Turf Program

The College of William and Mary (2023), Biology

Worked with the Turf Lab on their Quantitative Trait Loci Analysis of bentgrass using phenotypic, genotypic, and metabolic approaches.

**What's next:** I plan on working while I apply to graduate school for a master's degree in biochemistry.

**Funder:** U.S. National Arboretum



## ETHAN JOHNSON

### Horticulture (McMinnville, TN campus)

Tennessee Tech University (2024), Agriculture

Worked on container color related to nursery production.

**What's next:** Going back to college, finishing my degree, and gaining experience through a related job.

**Funder:** U.S. National Arboretum



## CAROLINE KIM

### Tree and Shrub Breeding Program

University of Georgia (December 2023), Horticulture

Was involved in propagation, pollination/crosses of crapemyrtle, crapemyrtle bark scale survey, lignin-containing cellulose nanofiber rooting trials of 'Traveler' hemlock, and ARGUS mist system operations.

**What's next:** Finishing my degree this upcoming semester, continuing in research, and pursuing a PhD in plant breeding and genetics.

**Funder:** FONA



## ELENA LI

### Tree and Shrub Breeding Program

Will graduate from high school in 2024 and then attend college to study biochemistry

Was involved in PCR (polymerase chain reaction) amplification/cloning and plant tissue culture.

**What's next:** Finish my senior year and study plant molecular biology in college.

**Funder:** U.S. National Arboretum



## ISABELLA SMITH

### Gotelli Conifer Collection and Dogwood Collection

Washington College, Chestertown, MD (2023), music performance major on the harp and biology minor in ecology

Repotting, transplanted, mulched, pruned, weeded, and propagated various plants and maintained irrigation systems and participated in the Hemlock root growth study of 'Crossroads' versus 'Traveler'.

**What's next:** Work in a nursery and look for a farming apprenticeship.

**Funder:** FONA

## NOT PICTURED

### SHAYLA DOBIAS

#### Herbarium and National Herb Garden

Gallaudet University (2024), Biology

**Funder:** FONA

### CAT GAVIN

#### Germplasm Program

Ohio University (2025), Plant Biology

Worked on seed collection and viability testing.

**What's next:** Complete degree and do independent research on seeds in the tropics.

**Funder:** U.S. National Arboretum

### MARISSA HANZLIK

#### Holly and Magnolia Collections

George Washington University (2023), double-majored in Biology and Environmental & Sustainability Science

Maintained the Holly and Magnolia Collections by weeding and mulching along with enlarging and removing tree cages throughout the Arboretum. Assessed the insect and non-insect arthropod diversity of mulched and unmulched beds.

**What's next:** After this internship, I will begin an entomology museum internship at Beltsville Agricultural Research Center where I will identify, dissect, and image major crop pests. I hope to pursue a career in integrated pest management scouting and plant healthcare.

**Funder:** FONA

### NOAH LEIGH

#### Fern Valley

Ohio University (2025)

Worked on maintaining the plant inventory.

**What's next:** Complete my degree.

**Funder:** U.S. National Arboretum

### SHELBY RADCLIFFE

#### Introductory Garden and Friendship Garden

University of Florida (2023), Environmental Horticulture Certificate Program

Did general maintenance and helped with landscape and container plantings in the Introductory Garden and improved my landscape management and design skills, specifically in stylized meadows.

**What's next:** Completing the University of Florida program this fall, installing a wildflower meadow at my home in Florida, and preparing my front yard for a spring 2024 installation. Next year, I'll travel for short-term seasonal work to gain more experience and acquire a mentorship.

**Funder:** FONA

## PROGRAMS

### Green Ambassador Program

**THE GREEN AMBASSADOR PROGRAM (GAP) Farm Crew** is a six-week summer paid-internship program in the Washington Youth Garden for DC teens. Through GAP, they learn how to grow and cook food while developing other hands-on and professional skills. This year, the program hosted 12 students. Along with our Crew Leader, Tiponi, we had three returning members (Chamon, Kania, and Marcus) and eight new members (An-niah, Bruce, Jassiel, Meylin, Tamar, Tigist, Vyarnie, and Yonathan).

The Farm Crew experienced both the joys and the challenges that can come with the process of gardening. From “digging for gold” in the form of hundreds of pounds of potatoes, to painstakingly picking bush beans under the hot midday sun, the crew learned how much labor is involved in gardening. Our returners always led the way as they helped get the group through these tough harvesting sessions.

Each year, the GAP cohort carries out a Legacy Project by building something the garden needs and leaving behind a physical mark of their time spent here. This year, two old raised beds were in need of replacement. Garden Managers Emilia and Xavier led the crew in learning carpentry skills and building new raised garden beds with seating around the edges. The Farm Crew had such excellent teamwork that we completed the project ahead of schedule.

We also aim to teach the crew members how to make recipes and use the food we grow by cooking with them each week. An educational chef from the YMCA, Juliet



Learning to cook recipes using food harvested from the garden is a weekly activity for summer interns at the Washington Youth Garden.

(JuJu) Harris, led an afternoon cooking session for everyone to cook a delicious feast of various African heritage dishes using food grown in the garden. One teen, Meylin, shared her aspirations of opening up her own restaurant one day. The confidence she gained from our cooking experiences helped lead her team to victory in a Top Chef–style competition we held on the last day. They made a vegan bruschetta appetizer with our surprise ingredient, the “garden egg,” which greatly pleased our judging panel of Emilia and GAP alumni, Anthony and Zamaya. In a post-program survey, 10 of 11 crew members said they are interested in cooking at home more often.

We designed this year’s program with a greater focus on career pathways. Through five field trips and a career panel luncheon, the crew members met all kinds of people who are working across different fields and creating a meaningful impact in their local communities. By exposing the teens to many local jobs and organizations, we were able to get crew members sharing ideas and next steps in their own lives and considering how they can make a difference through their career choices. From the summer we spent with them, it is clear these young students have bright futures ahead of them! 🌱

MAX SKOGLUND and CHRISTIN RIDDICK designed and led the Green Ambassador Program this summer.



FONA’s Forest Bathing program guides participants to connect with nature, noticing the world around them. (Photo credit: Leo Moser)

### Forest Bathing

**TO SOME, FOREST BATHING MAY SEEM EASY.** It is the act of opening up your senses to the natural world and soaking in all the sights, sounds, smells, and colors you might not normally notice. This mindfulness practice originated in Japan where it is known as shinrin yoku, which translates into English as “bathing in the ambience of the forest.”

As someone who spends a lot of time outdoors hiking, biking, and canoeing, I still find it difficult to tune myself to the world around me. It is challenging for me to fight the impulse to look at my phone and, instead, be present in the moment. At the National Arboretum, each of FONA’s forest bathing walks is led by a certified nature and forest therapy guide. Having a guide walk me through forest bathing creates an intentional space for me to slow down and gives me permission to forget about stresses and worries for awhile.

When I forest bathe at the Arboretum, I always notice new ways the Arboretum is interconnected with the surrounding city. I hear the Amtrak and metro trains rumbling on railroad tracks nearby. I smell the marshy brine of the Anacostia River as it flows past the Asian Collections, carrying water from surrounding neighborhoods. I notice the mist as it settles between the dips and rises of meadows and hills across the landscape.

FONA’s recreation programs connect connect with nature at the National Arboretum. See the calendar at [fona.org](http://fona.org) for upcoming dates and come try forest bathing for yourself. 🌲

**ANNE MCGARVEY** is the Marketing and Communications Manager at FONA. She has attended many peaceful forest bathing sessions at the Arboretum.

*“When I forest bathe at the Arboretum, I always notice new ways the Arboretum is interconnected with the surrounding city.”*

# THANK YOU SPONSORS!



Thank you to all who joined us in September for our 27th annual Dinner Under the Stars. More than 400 guests enjoyed cocktails in the National Herb Garden and dinner in the meadow below the Capitol Columns. This event is our biggest fundraiser of the year and supports mission-critical work. FONAs preserves and enhances the National Arboretum and facilitates experiential programs that instill a love of plants, nature, and the outdoors in all who visit the Arboretum.

## Thank you to our Sponsors!

\$50,000



\$15,000



### \$10,000

BASF  
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USA Rice Federation  
Tuckie and Don Westfall  
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AgSpire  
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Nzinga Tull  
Dottie and Ken Woodcock

### In-Kind

Other Half Brewing  
Supreme Core Cider

PHOTO CREDIT: PLUME PHOTOGRAPHY



Nancy and Pierre Moitrier

## Well-Planted Trees for Greener Tomorrows

In the face of the current world climate crisis, the need to plant more trees has never been more critical. Trees sequester carbon and release oxygen. They help cool our homes during the hot summer months and even help reduce crime in urban settings. Trees are also an asset to the aesthetic and monetary value of your home and certainly a gift to future generations. But only well-planted trees will grow to expectations and fulfill their important mission. Follow these tips for maximum success.

### PLAN FOR GROWTH WHILE CONSIDERING

- Utility poles and wires
- Current or future solar panels
- Existing trees and their health and vigor
- Accessibility in the future
- Outdoor living space goals (shade on a patio is good, but not so good over a swimming pool)

### SELECT A GOOD TREE

- Make an educated selection. Research different types of trees to match site-specific cultural conditions: sun or shade, dry or moist.
- Plant a diversity of species to maximize ecological benefits.
- Purchase trees from reputable independent garden centers. Good-quality plants grow into strong specimens. American Standards for Nursery Stock (ANSI Z60.1) provides numerical relationships between trunk caliper and root ball diameter.
- Start small. A 1" to 3" caliper tree will establish easily and grow much faster than a 6" caliper tree.
- Avoid setbacks during establishment. When transporting plants, use a tarp to protect buds and foliage from desiccating wind forces.

### PLANT PROPERLY

- Dig the hole twice as wide as the root ball and 10% shallower. Root flare must remain visible after planting.
- Use only 2" to 3" of mulch and never apply mulch against the trunk. Extend the mulch circle outward to the drip line.
- Water properly: slowly, deeply, and regularly during the first three years.

### PROVIDE HOLISTIC CARE

- Apply compost and mulch annually or allow fallen leaves to remain in place.
- Minimize lawn competition under the tree.
- Hire Internationally Certified Arborists (ISAs) to care for your trees. 🌳

NANCY AND PIERRE MOITRIER operate *Designs for Greener Gardens*, a boutique gardening company that specializes in designing, creating, developing, and maintaining distinctive gardens of all styles. Pierre hails from France and brings the charm of the Old World to their garden creations. Nancy's 40 years of gardening experience combined with her design knowledge and innate artistic eye add a superior dimension to their garden projects. Follow *Designs for Greener Gardens* on Facebook.





# FRIENDS OF THE NATIONAL ARBORETUM

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*The Friends of the National Arboretum is an independent, nonprofit organization established to enhance, through public and private sector resources, support for the U.S. National Arboretum.*

## HAPPENINGS *For more information, visit [usna.usda.gov](http://usna.usda.gov) or [fona.org](http://fona.org)*

The calendar of events is updated regularly at [FONA.org](http://FONA.org)

### **FALL 5K RUN**

**November 12, 9am**

Run or walk through stunning fall foliage. FONA members, use your discount code! Registration required.

### **WINTER FESTIVAL**

**Saturday December 2 only, 10am – 4pm**

Come to the market for gifts and goodies from local vendors, plus family-friendly arts and crafts activities!

### **CHRISTMAS TREE SALE**

**Saturday, December 2 and Sunday, December 3, 10am – 4pm**

Buy your Christmas tree, wreaths, and garlands. Pick up your pre-ordered tree or purchase one on-site during our tree sale located at the Arboretum New York Avenue parking lot. Details and pre-order at [FONA.org](http://FONA.org)

### **GET UPDATES BY EMAIL AND ONLINE**

Sign up for the FONA Field Notes email newsletters at [FONA.org](http://FONA.org) to get regular updates from the Washington Youth Garden, behind-the-scenes stories, pictures of the Arboretum, and the latest events!

