



ARBORETUM UPDATE!

Spring/Summer 2016

A Publication of The James M. Cox, Jr. Arboretum Foundation



photo courtesy of Michael W. Little

LETTER FROM THE BOARD PRESIDENT



Cox Arboretum is a very special place for my family and me. My husband and I were married here, we have celebrated milestones here, and our two sons love exploring the grounds, especially the children's maze. I was pleased to join the Cox Arboretum Foundation

Board just over two years ago, and am honored to now serve as president. I would like to extend my appreciation to Jennifer Hann Harrison, our previous president, for her leadership and service to the Foundation over the past several years.

This is an exciting time for Cox Arboretum. We celebrated the official opening of the Barbara Cox Center for Sustainable Horticulture ribbon cutting in early May, after several years of planning and a very generous donation from the estate of Barbara Cox. In addition to checking out the Center during your next visit, you might also check the progress on the paver loop path. Later this year, we will also see installation of a new Monet bridge, keeping with Monet's look while also improving accessibility and safety.

Finally, April was Volunteer Appreciation Month, and I would like to extend thanks from myself and the entire Foundation board to the many, many dedicated volunteers at Cox Arboretum who help create, educate, and maintain this park so dear to so many of us.

Warm regards,

Miranda Goubeaux

Mandy Goubeaux
Cox Arboretum Foundation, Board President

ARBORETUM UPDATE!
is published for the
members of
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The James M. Cox, Jr.
Arboretum Foundation

BOARD OF TRUSTEES

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BOARD LIAISON

Beth Redden

2016 NEW BOARD MEMBERS

The James M. Cox, Jr. Arboretum Foundation would like to introduce to you our four newest board members.



JANA COLLIER
Vice President of Content
Cox Media Group Ohio

As Vice President of Content Jana Collier leads the news and programming teams that produce the region's biggest media brands – WHIO-TV, Dayton Daily News, Springfield News-Sun, the Journal-News and WHIO radio. Jana has lead Cox Media's efforts to converge its television, radio, print and digital newsgathering operations into one.

Jana started working for Cox Media in 1988, as a reporter for the Waco (Texas) Tribune-Herald, then a Cox newspaper. She came to Dayton in 2001.

She has served in a variety of newsroom roles over the years, including reporter, business editor, night city editor, features editor, managing editor and executive editor.



JASON ECKERT
Director of Career Services
University of Dayton

Jason Eckert has served as the Director of Career Services at the University of Dayton since 2008. He came to UD from Marquette University, where he worked for nine years; including five years in Career Services. Jason has a BA in Communication and Theological Studies from Saint Louis University, a MS in Counseling and Student Personnel from Oklahoma State University, and is completing a Ph.D. in Educational Leadership from UD. He is originally from St. Louis, MO and lives in Springboro, OH with his wife and three children. Jason enjoys volunteer roles with the Cub Scouts, coaching youth sports, and numerous activities at his church. He is a member of the UpDayton Community Advisory Council and the National Association of Colleges and Employers.



CHAD R. MAGGARD, CFA
Portfolio Manager
Johnson Investment Counsel

Chad Maggard is a Portfolio Manager with Johnson Investment Counsel and has been with the firm since 2009. In addition to working with families and institutions, Chad serves on Johnson's Equity Strategy Team and Real Assets/Alternative Investments Team. He has volunteered with a number of organizations in the Dayton community, including the Dayton Art Institute, Dayton Society of Natural History, Carillon Historical Park, and St. Vincent de Paul. He lives in Miamisburg with his wife, Molly, and son, Preston.

EDUCATION AT THE ARBORETUM

OUTstanding Teacher Award

In today's society, we are on an electronic media overload. Wherever you go, you are surrounded with adults and children on some type of electronic device. Children are now choosing to spend time indoors in front of a screen versus outdoors in nature, while "studies show outdoor time helps a child grow lean and strong, enhance imaginations and attention spans, decrease aggression, and heighten classroom performance (National Wildlife Federation Website 2015)." School tours and teacher workshops are ways the Arboretum is working with educators to get children outdoors. Another way is recognizing teachers in the greater Dayton area who incorporate nature into their classroom with the OUTstanding Teacher Award.

This award recognizes three exceptional educators who have gone above and beyond in bringing engaging environmental experiences, inspiring students to shape attitudes and actions for nature. These teachers are catalysts in facilitating a vibrant school community, encouraging teachers and parents to get kids active in nature.

2015-2016 SCHOOL YEAR AWARD WINNERS:

RISING STAR

(≤10 years)



DANA FRANKS
Kindergarten
Deca Prep
Nominated by:
Michelle Fleming

LEADER

(10-20 years)



KRISTINA DOBBERSTEIN
1st grade
Brookville Elementary
Nominated by:
Stephanie Hinds

LIFETIME ACHIEVEMENT

(20+ years)



JOE BERINGER
AP Biology
Miamisburg High School
Nominated by:
Meryl Hattenbach

To read more about these OUTstanding Teachers and how they incorporate nature into the classroom visit www.metroparks.org/outstanding-teacher-award-given-local-educators.

Over 2,000 students come to Cox Arboretum annually for guided programs. MetroParks relies on volunteers to provide these experiences with nature. If you'd like to join the Five Rivers MetroParks volunteer team and help engage our schools, call Yvonne Dunphe at 937-277-4147.

Conservation Kids Saving the Monarchs



The past two years the Butterfly House at Cox Arboretum MetroPark has focused awareness on the decline of the monarch population and how each of us can impact and help reduce this decline. The good news is this past winter “the monarch butterfly population has soared...more than tripling last year’s figure...” (Carola Sole, AFP. “Monarch Butterfly Population Surges in Mexico.” *Discovery Newsletter* Feb. 2016. Web.)

However, efforts need to continue to plant and protect butterfly habitats to sustain the monarch. At Five Rivers MetroParks, kids are stepping up and taking part in the efforts to conserve monarchs through Conservation Kids programs. Each August, kids collect milkweed and wildflower seeds. While collecting seeds, they learn the importance of wildflowers for pollinators and host plants for butterflies. When the seeds are ready to be sown, kids return to plant them into flats. A couple months later, kids transplant

the seedlings into larger pots that are eventually planted in the prairies. This summer, Conservation Kids will plant at Cox Arboretum MetroPark, increasing the quality of the habitat at the Arboretum.



In September, Conservation Kids will get to experience tagging Monarchs. During this process, they will catch the Monarchs, identify their gender and place an identifiable tag on the wings so the butterflies can be tracked through citizen science efforts.

From harvesting seeds to tracking their migrations, Conservation Kids has become an integral part of protecting Monarchs. This program supported by The James M. Cox, Jr. Arboretum Foundation and many community volunteers.

To learn more about Conservation Kids visit www.metroparks.org/conservation-kids.



BARBARA COX CENTER FOR SUSTAIN

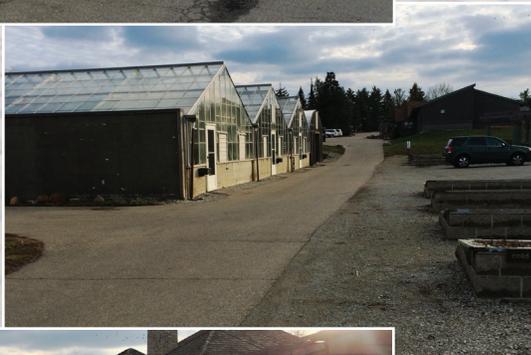


Ribbon Cutting: Becky Benná, Mandy Goubeaux, Julia Wallace, Alan Pippenger, Irv Bieser



BARBARA COX CENTER FOR SUSTAINABLE HORTICULTURE GRAND OPENING

BEFORE



AFTER



On May 4, 2016, the Barbara Cox Center for Sustainable Horticulture officially opened to the public with a ribbon cutting and grand opening celebration. Approximately 150 people participated in the grand opening, including many volunteers who provided tree and plant propagation demonstrations.

The Center's two main initiatives are tree and wildflower propagation. Plants produced in the Center will be used in MetroParks' reforestation efforts thus protecting and preserving the region's natural heritage for the ongoing benefit of future generations.

We are truly grateful for the lead gift from the late Ms. Barbara Cox, Cox Family Foundations and the many donations from individuals throughout the community who helped make the Center a reality. Thank you to all who participated in the grand opening and supported the Center throughout the project construction.

TREE PROPAGATION

Go Nuts!

When Emerald Ash Borer was found at Carriage Hill MetroPark in 2008, Five Rivers MetroParks (FRMP) was faced with the very real prospect of losing ash trees, which make up 21-27% of the forests (~ 3,000 acres). In response to this gloomy prediction, Five Rivers MetroParks took action in the form of large-scale seedling propagation and planting to restore and replace our valuable forests.



During the Go Nuts! Campaign individuals, families and groups collect nuts.



Volunteers and staff sort seeds through a float test to determine if they are viable.



Good seeds are mixed with moist vermiculite and stored in a fridge for two to three months.



Seeds are removed from the fridge and planted in deep flat containers of soil.



Once they germinate they are planted into long cone-tainers where they sprout into baby trees.



In late spring, they are transplanted into large containers where they will spend the summer growing.



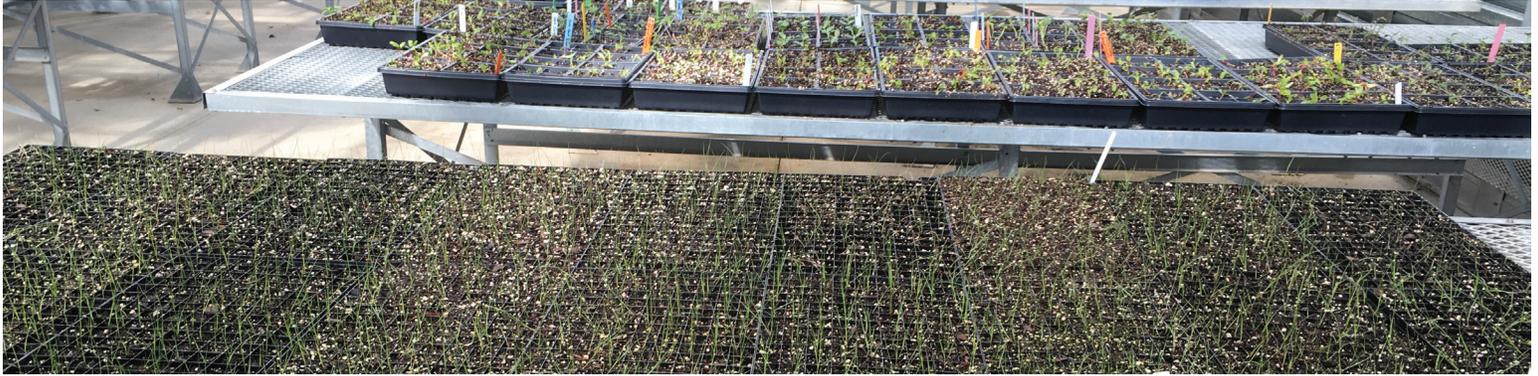
The trees are responding very well due to the improvements made to the greenhouses at the Barbara Cox Center for Sustainable Horticulture. With better temperature and environmental controls, FRMP can now provide the correct growing conditions the trees need. The hickory and oak trees are taller and stronger than they have ever been.

The tree propagation volunteers are greatly appreciated and are making a major impact in helping us with reforestation.

1,000 Volunteers + 7,000 hours = over 45,000 oak and hickory seedlings produced and over 230 acres planted

WILDFLOWER PROPAGATION

Something Wild at the Arboretum



Hey, are those weeds growing in the greenhouses at Cox Arboretum? Yes! In fact, there are several weeds growing there right now: Common milkweed, Butterfly milkweed, Swamp milkweed and Joe Pye weed to name a few. Wildflowers have been grown at Cox Arboretum for years and used as a way to educate the public about their importance. The new Barbara Cox Center for Sustainable Horticulture (BCCSH) has given Five Rivers MetroParks (FRMP) an opportunity to work with a talented group of volunteers to grow wildflowers for habitat restoration efforts throughout FRMP. The milkweeds will be part of a 65-acre pollinator prairie going in at Germantown MetroPark to help species such as the Monarch Butterfly. Milkweeds are the only food source for the Monarch caterpillar, not to mention a very important nectar source for bees, moths and beetles. Many other plants such as Purple Coneflower, Blazing Star and Bergamot are also being grown at the Center.



Prairie Dropseed, a beautiful native grass, is being propagated for a unique project at Twin Creek MetroPark where ancient earthworks known as the Carlisle Fort exist. Some of the earthworks are visible as you walk through the woods but a large portion has eroded away from years of farming. In order to understand the site, thousands of Prairie Dropseed grasses will be planted to give visitors a visual sense of what these earthworks once looked like.

Another important project will include growing and rescuing native woodland wildflowers from the construction zones of our Strategic Trail Initiative (STI). Many trails throughout FRMP are eroding and will



need to be reconstructed to be sustainable into the future. Plants grown by the wildflower volunteers such as Trilliums, Dutchman's Britches, Columbine and Bloodroot will be used in the restoration process after STI renovation. This year's crop will be used at Sugar Creek MetroPark.



The Arboretum and its volunteers are a vital part of the FRMP mission to protect the region's natural heritage and provide outdoor experiences that inspire a personal connection with nature. At such a critical time for our natural areas, the years of knowledge and expertise that the wildflower volunteers provide to FRMP is greatly appreciated.

MEMBER/VOLUNTEER HIGHLIGHT



Patti Russell-Campbell

Patti Russell-Campbell became a Five Rivers MetroParks volunteer in 2013, after retiring from her job as a social worker and recreational therapist. She chose Cox Arboretum because it is her favorite place and it gives her the feeling of peace and tranquility.

Looking back on her childhood, Patti realizes she was drawn to nature from an early age. After

retirement she was able to explore her interest in nature in depth and is now a very active MetroParks volunteer. As a Visitor Services Volunteer Representative and a Butterfly House Host she gets to do one of her favorite things - share her passion and knowledge with others. In addition, last year she became a Certified Master Recycler and is now helping the Arboretum with its sustainability initiatives. Her upbeat, outgoing personality makes her an ideal person to welcome people to the Arboretum and to share our conservation message.

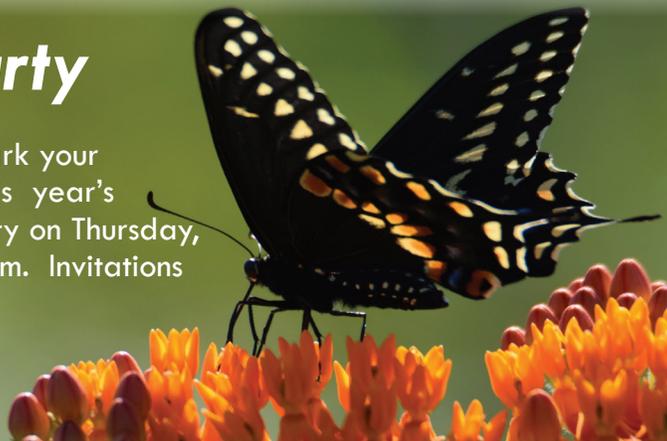


Patti says it's pretty simple, Cox just makes her feel good. Even if she's having a tough day, a visit to the Arboretum washes all of that away. The beauty of the land and the friendliness of staff and fellow volunteers feels like home. When she learned there was a foundation associated with the Arboretum she made a donation to become a member. She feels strongly about giving back to the park that has given her so much. Volunteers and supporters like Patti help the Arboretum continue to be a special place.

Pollinator Party

If you have not already, mark your calendars and join us for this year's member-only Pollinator Party on Thursday, July 21 from 5:30 - 7:00 p.m. Invitations will go out the end of June.

Photo courtesy of Michael W. Little



FOUNDERS SOCIETY

Jon Bossong
Jean Cacioppo
James K. Donnell
Barbara Fryburg
Hal and Sonja Gegel
Mandy Goubeaux and
Mark Webster
Jim and Jean Graham
Carl Gross
John and Helen Haddick
Tony and Pokey Huffman
Jean B. Mahoney
Ruth C. Mead
Barbara Nichols O'Hara
Marvin and Christine F. Olinsky
Caryl Philips
Rich and Carol Pohl
Don and Joyce Porter
Carole Remick
Burnell and Karen Roberts
Lois and Roger Sutherland
John and Connie Taylor
Sherry and Hans Tschudin
Jim and Tami Whalen
Nancy Zeller
Nancy H. Zorniger

The Founders Society is a group of individuals who are committed to the long-term goals of the Cox Arboretum Foundation, and give an annual gift of \$1,000 or more.

== Tributes ==

Through November 2015 - April 2016

In memory of Robert M. Frederick

Michael and Jacinta Mergler

In memory of Caleb Hogue

Cathleen Finnegan

In memory of the mother of

Deborah Stirsman

Nora Newssock

In memory of Doris Grave

William and Anne Chatfield

Mike and Carolyn Darr

Grant and Susan Douglass

Hal and Sonja Gegel

Doug and Joan Graybill

The Gross Family

Martha and Don Hibbs

William Hoyer

Shellie Sweeterman

Leon and Betsy Whitney

Carolyn Wilson

Nancy Wilson

In memory of

Vincenzina Krymow

Susan Allen

Richard Rolfes

In honor of Mike Turner and

Majida Mourad

Hans and Sherry Tschudin

In memory of Patricia Minch

Liz Bolender

Hal & Sonja Gegel

Nita Jennings

Wanda Willis

In memory of Mary Ellen Wilson

Nora, Bob, and Amy Newssock

In memory of the sister of

Harold Prigozen

Nora and Bob Newssock

== New Members ==

Your membership in The James M. Cox, Jr. Arboretum Foundation allows us to grow, much like the trees we care so deeply about. All gifts, large and small, help us advance our mission of connecting people with nature.

As of November 2015 - April 2016

*Richard Allen
Scott Baker
Todd Bollenbacher
David Brun
Robert Crane
Wendy Davis
Jason and Cari Eckert
Fred Ehlerding*

*Ellen Ferrugia
Vicki Garrett
Alexandria Gray
Jessica Hendrickson
Gregory Hobbs
Heather Jackson
Doug Knight
Chad and Molly Maggard*

*Betty Mitchell
Carla Myers
Catherine Perron
Carole Stephens
Jennifer Suratt
Eden Tatum
Mark and Molly Williams*

== Member Benefit Update ==

**10%
Discount**

Nature Hills Nursery has been added to the list of gardens giving a ten percent discount to Cox Arboretum Foundation members. To see what they have to offer visit www.naturehills.com. When placing your order use the promo code "coxarboretum10".



The James M. Cox, Jr. Arboretum Foundation
6733 Springboro Pike
Dayton, OH 45449

Non-Profit
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Park Hours

NOVEMBER - MARCH 31

8am - 8pm

APRIL - OCTOBER 31

8am - 10pm

Zorniger Education & Visitor Center Hours

Monday - Friday 8am - 5pm

Saturday - Sunday 11am - 4pm

MISSION

To support educational, scientific, civic, and cultural programs and activities relating to the advancement of arboriculture, horticulture and related fields by providing support for the Cox Arboretum as a free arboretum/museum for the benefit of the general public.

WEDDING PROMO 2017

Calling all couples planning a 2017 Wedding! If you are planning your dream wedding at Cox Arboretum MetroPark, we are offering you a chance to win a free venue, valued up to \$2,000. For details, contact the Events Coordinator at 937.278.2657 or JoAnn.Pennington@metroparks.org.



pictures courtesy of Sarah Babcock Studio