“Now that the Holden Arboretum and Cleveland Botanical Garden have joined forces, opportunities have emerged for Holden Forests & Gardens to have an even greater impact on the region. With expertise in horticulture, conservation, environmental research and education, we are a valuable asset to the community.”

– Jill Koski, President and CEO
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Reforesting the Forest City

Since the 1950s, Cleveland has lost about half of the tree canopy that once gave the community its “Forest City” nickname. In 2017, ambitious plans were announced to increase the tree canopy cover from 19 percent to 30 percent by 2040, with the long-term goal of reaching a 40 percent canopy in the city.

Planting new trees is not just about aesthetics. Cleveland’s trees intercept 1.8 billion gallons of rainwater and remove 830,000 pounds of air pollution each year. Combined with the impact on heating and cooling costs, increased property values and contributions to the improved health of area residents, the current tree canopy provides Cleveland with more than $28 million in benefits each year. That dollar figure will increase along with tree canopy.

A key leader in this effort, Holden Forests & Gardens (HF&G) is supporting the reforestation efforts in a number of ways. Sandra Albro, an HF&G researcher, is serving as one of the co-chairs of the Cleveland Tree Coalition, which is advocating for the planting of 50,000 trees in Cleveland by 2020. In support of that effort HF&G community forestry staff planted 694 trees in the City of Cleveland in 2017.

Planting new trees is only the first step to ensuring a healthy tree canopy in the city. Once planted, trees need care to ensure that they survive and thrive. To assist in that effort, HF&G is partnering with the Wester Reserve Land Conservancy to provide Sherwick Tree Steward Training. During the training citizens learn how to plant, care for and maintain trees, which is critical to the success of the Cleveland Tree Plan. In 2017, 91 new tree stewards were trained through this program.
2017 BY THE NUMBERS

Annual Visitors: 388,888
187,066 @ Cleveland Botanical Garden
201,822 @ Holden Arboretum

Number of Members: 21,052

New Trees Planted in the Community: 694

New Tree Stewards Trained to Care for Those Trees: 91
PERENNIAL SOCIETY
We sincerely appreciate the following members for investing in the Botanical Garden’s future through bequests, annuities and other planned gift arrangements:

Anonymous (6)
Anne F. Barnes
Teresa Metcalf Beasley
Lon A. Beck
Barbara Becker
Dorothy A. Berlincourt
Jeffrey M. Biggar
Elizabeth Billings
Patricia D. Bonander
Pat Brady Baron
Mary A. and Robert E. Cogan
Mary F. and William E. Conway
Janet S. Curry
Judy A. Dorer
Marjorie M. Drollinger
Ruth S. Eppig
Jeanette P. Evans
Lynne R. and John T. Feighan
Mary F. Ganger
Donna T. and Harry Gazelle, M.D.
Margaret Ann Gudbranson
Carmela Guerrero
Debra Hershey Guren and Peter Guren
Nancy L. and Charles G. Gustafson
Marie Louise Gustavsson-Monago
Beverly S. Harris
Arlene Monroe Holden
Christa L. Just
Charlotte R. Kramer
Rose M. Kubik
Barbara E. Kuby
Carolyn C. Lampl
Stephen G. Lorton
Margaret B. Marting
Elizabeth F. McBride
Robert L. Moncrief
Ruth E. and J. Donald Moorhead
Donald W. Morrison
Anthony and Rita Nassif
Patricia A. and Ernest J. Novak, Jr.
Pamela Jacobson Oliva
Nancy Patrick
Doris L. Szeliski
Elizabeth P. Scheele
Barbara B. Scovil
Clara DeMallie Sherwin
Harriet T. Simon
Deborah A. Smith
Ruth M. and Thomas G. Stafford
Lois C. and Thomas G. Stauffer
Theresia V. and Arthur P. Steinmetz
M. Jane Suresky
Joanna Thomas
M. Jane Toth
William and Judith Ann Tucholsky
Dorothy Ann Turick
J. Paxton Van Sweringen
Clare R. Walker
Doris H. and Russell J. Warren
Lucy Ireland Weller
M. Conrad White
Marilyn M. Wilde

THE ALBERT FAIRCHILD HOLDEN SOCIETY
We sincerely appreciate the following members for investing in the Holden Arboretum’s future through bequests, annuities and other planned gift arrangements:

Anonymous (4)
Ian J. Adams
David W. Albrecht
Geraldine Atkins
John Burke and Leslie A. Baueeler
Richard and Susan Beck
Doug and Lynne Bekkedahl
Peter and Sally Bergsten
Marlene S. Campbell
George Crile III
David L. Daggett
C. B. Esselstyn, Jr.
Kenneth and Ann Felderman
Mildred Fieneing
Dorothy Flagar
J. Lynn and Joellen Fordham
Mimi Gale
Shirley W. Gibson
Sharon and David Graper
Judith F. Gruber
Maria Johanna Hall
Susan Hanna
Henry and Robin Hatch
Annie T. Hitchcock
Mary V. Hoffman
Arlene M. Holden
John M. Hoyes
Fred and Arlyne Imm
Katharine Jeffery and Alan Farrand
Curt and Norma Jerauld
Richard J. Kabat
Edward and Linda Karolak
Rose M. Kubik
Maureen E. Landies
Louise Lister
Bruce A. Loomis
Robert and Carol Love
Linda C. Luck
Ann H. McConnell
William B. McCoy
Peter A. McCoy
Elizabeth H. McMillan
S. Sterling and Judith McMillan
Joseph H. Miller, Jr.
Dorothy H. Moyse
Maynard Neal
Edward Nedved
Thomas W. Offutt III
C. W. Eliot and Linda Paine
Ella Quintrell
Karen L. Roberts
George M. Rose
Mary Ann Sheranko
Leila R. Shiozawa
Robert R. Spurgeon
John Steichen
Lorraine S. Szabo
John and Susan Turben
Ms. Marilyn J. White
Mrs. Robert Y. White
Irene M. Yeran
Milford M. Adams
Margaret M. Aicher
Janet Aitken
IN MEMORIUM

We honor these Perennial Society and Albert Fairchild Holden Society members whose foresight has left a legacy of continuing support for Holden Forests & Gardens:

Virginia Albrecht
Lillian C. Alten
Elizabeth and Raymond Q. Armington
Louise Bliss Armington
Phrocinie R. Bailey
Dorothy L. Barry
Norma E. Battes
Wilma S. Bemis
Don A. Berlincourt
Kate and Warren Bicknell, Jr.
Virginia R. Billinghamurst
Anna B. and Alfred C. Body
Klara Bozler and Emil Bozler, Ph.D
Frances K. Bradner
Betty Dunbar Brien
Jane Brooke
Pauline S. Bruner
Carol J. Burley
Carol H. Butler
Elizabeth N. Chamberlain
J. T. Jarod Clark
Catherine E. and James P. Conway
Warren and Maud Corning
Joan R. Coulter
William S. Cumming, M.D
Martha M. and George F. Dalton III
Jeanne R. Daus
Margie K. Davis
Laureretta M. Dennis, D.V.M
Dorothy E. Ebersbach
Robert and Mary Farrell
Marvin Feldstein
John R. Gardner
William H. Gerhauser
Anita Peek Gilger, M.D.
Gladys B. Goetz
Leonard C. Gradeck
William and Betty Green
Cora E. Haake
Maria Johanna Hall
Margaret L. Hammond
Barbara Hitchcock Hatch
Nellie S. Havgood
Eva Tilton Hays
Laura R. Heath
Eleanor H. Hegele
Martha E. Hickox
Ortrud Higgins
Sarah Cole Hirsh and Willard Hirsh
Helen C. Hitchcock
Albert Fairchild Holden
Claire D. Holden
Joseph and Hazel Hostetler
Virginia L. Jones
Frances Judnick
Louis D. Kacalieff, M.D
Muriel M. Kozlow
Thomas E. Kuby
Marjorie M. and Samuel H. Lamport
David G. Leach
Elinor M. LeCastre
Eleanor Manbeck
Irene E. Manni
Winfried and Liselotte Martin
Thomas W. Mastin
Jean and Robert E. Mathews II
Marguerite H. McGrath
Estate of Marjorie Bos Meacham
Alice McReddy
Lester T. Miller
Aurel Ostendorf
Silvia Balslew Page
Gretta and Hugh D. Pallister, Jr.
Charlotte L. and Kenneth R. Parker
Jeanne E. Phare
Robbie Pile
Mary M. Pitonyak
Harriette McCann Roudebank
R. Phillip Russell
Karl and Owlen Schubert
Samuel K. Scovil II
Ruth P. Sears
Faye Shapero
Thelma and Daniel J. Shapiro, M.D
Lee Shiozawa
David L. Simon
Leonard and Jean Skeggs
Eleanor Armstrong Smith
Mary Rose Clayton Smith
Katherine B. Spring
Eleanor and Andrew Squire
Sarah A. Stark
Harrison Stine
Faith Swanson
Richard E. Szorady
Josephine A. and Nelson S. Talbott

Louise H. Taylor
Elizabeth Marting Treuhaft
Bruce Umstead
Barbara Van Sweringen
Esther Voorhees
Cynthia K. Walker
Emma Raymond White
Robert York White
John and Athelene Wilbur
Alan H. Wilde, M.D.
Frances Elizabeth Lambright Wilkinson
Elizabeth M. Williamson
Theodore Yocom
Norman W. Zaworski, M.D.
Institutional Giving

$100,000 and above
American Foundation
The Cleveland Foundation
The Corning Institute for Education & Research
Cuyahoga Arts and Culture
The Holden Arboretum Trust
The Kelvin and Eleanor Smith Foundation
The Kent H. Smith Charitable Trust
The Louise H. & David S. Ingalls Foundation
Paul and Maxine Frohring Foundation, Inc.

$50,000 – $99,999
Great Lakes Protection Fund
Raymond Q. & Elizabeth Rieley Armington Fund No. 2
SandFair Foundation

$25,000 – $49,999
Arthur and Arlene Holden Fund of The Cleveland Foundation
Charles Stewart Mott Foundation
Green Family Trust
Gries Family Foundation
The Hershey Foundation
Holden Parks Trust
John P. Murphy Foundation
KeyBank Foundation
Saint Luke’s Foundation
The Sally and Larry Sears Fund
Stewart and Donna Kohl Fund

$10,000 – $24,999
Alton W. Whitehouse Charitable Lead Annuity Trust
City of Cleveland – Department of Community Development
Fairmount Santrol Foundation
George M. and Pamela S. Humphrey Fund
Joseph P & Nancy F. Keithley Foundation
Key Private Bank
Lakeland Community College
MJH Foundation
The Murch Foundation
NACCO Industries, Inc.
The Norweb Foundation
Robert R. and Gay C. Cull Family Foundation
SCH Foundation
Sears-Sweetland Family Foundation
The South Waite Foundation
Spencer L. Murfey Family Foundation
Weathertop Foundation

$5,000 – $9,999
The Adi and Celia Gazdar Charity Fund
Albert A. Hanes Charitable Gift Fund
The Allayne and Douglas Wick Foundation
Arbor Day Foundation
The Banks Baldwin Foundation
Bessie Benner Metzenbaum Fund of The Cleveland Foundation
Center for Plant Conservation, Inc.
Cleveland Indians
The Cleveland Wire Cloth & Mfg. Co.
Component Repair Technologies
The Davey Tree Expert Company
Dominion Foundation
The George W. Codrington Charitable Foundation
G.W. Fredericks Mechanical LLC
Hieronymus Family Fund Inc.
The Higley Fund
Lake County Visitors Bureau
Lake Health
Leonard, Lillian, Faye, Albert B. & Audrey G. Ratner DAF
Lincoln Electric Foundation
Lois C. and Thomas G. Stauffer Charitable Trust
The Lubrizol Foundation
Maloney & Novotny LLC
The O’Neill Brothers Foundation
Reginald and Lynn Shiverick Fund
of The Cleveland Foundation
Renaissance Charitable Foundation Inc.
Sassafras Land Design
Scholnick Family Foundation
Susan and John Turben Foundation
Tree Fund
The Triple T Foundation
Turner Family Fund

$1,000 – $4,999
ACJ Charitable Gift Fund
Agmet, LLC
AHG-RLI, LLC
Alliance for Community Trees
American Greetings Corporation
Ann C. Rodewig Charitable Fund of Fidelity Charitable
Arthur Holden Leadership Institute
BakerHostetler
Betty T. & David M. Schneider Foundation
The Catherine L. & Edward A. Lozick Foundation
Chefs for Hire Catering
The Clara T. Rankin Charitable Fund
Cleveland Metroparks System
CM Wealth Advisors
Cuffs Clothing Company
The C. Walder Parke Family Foundation
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From Farm to Table in Cleveland’s Eastside Neighborhoods

Green Corps, Holden Forests & Gardens urban agriculture work–study program, was created in 1996 to offer high school students the opportunity to learn job and leadership skills while earning a paycheck. Each year, students learn how to grow fresh produce, which is sold at area farmers markets and on-site farm stands. Green Corps students even maintain beds at Cleveland’s Progressive Field, which produce fresh vegetables used to create meals for the Cleveland Indians and visiting teams.

In addition to learning new skills, Green Corps students are also enhancing life in the neighborhoods surrounding the farms. Green Corps farm stands have become fixtures in the neighborhoods, with 34 percent of Green Corps total sales taking place at the neighborhood farms in 2017. This is an increase from the 29 percent of total sales at the farm stands in 2016.

The success of the farm stands is due in part to partnerships that have been formed with other agencies, including Ohio’s Food Assistance Program. Working with the state program allows members of the community to use the state’s EBT card and Produce Perks to purchase food at the farm stands. Other programs designed to foster healthier eating habits, including the Produce Prescription, WIC and Senior Farmers Market programs, are also accepted at the stands. In 2017, these types of programs generated:

- 50 percent of the sales at the Fairfax farm stand
- 41 percent of sales at the Slavic Village farm stand
- 16 percent of the sales at the Midtown farm stand
- 22 percent of the sales at the Buckeye/Woodland farm stand
- 22 percent of sales at the Tremont Farmers Market
- 11 percent of sales at the Shaker Square Farmers Market

Top selling vegetables included peppers, tomatoes, kale, collards, eggplant, zucchini, onions, apples, broccoli, beets, swish chard and carrots. The result of these efforts is that fresh produce, grown locally by students who live in the community, is making its way into neighborhood kitchens and leading to healthier meals for area residents.
We gratefully recognize the thoughtful contributions of individuals and organizations whose generous gifts honor or commemorate friends and family members during fiscal year 2017 (October 1, 2016 – September 30, 2017):

Anonymous
Mr. and Mrs. Thomas W. Adler
Mr. and Mrs. Lawrence E. Apple
Audubon Society of Greater Cleveland
Paul and Maryann Barabani
Ms. Christine Barabani
Mr. Anthony E. Barabani
Mr. and Mrs. Dale Barina
Brian and Rebekah Barsch
Ms. Deborah Becker
Doug and Lynne Bekkedahl
Mrs. Joanie Belair
Mr. and Mrs. Timothy J. Bencic
Benevity Community Impact Fund
Mrs. Christine Bennett and Mr. Ryan Jamison
Terry Bernstein and Rick Bernstein
Ms. Kathleen Betz
Mr. Geoffrey S. Biegel
Ms. Phoebe Birming
Ms. Sue Blazeck
Mr. and Mrs. Louis J. Bloomfield
Blossom Womens Committee Northeast
Ms. Dolores A. Ciccanesi and Mr. Bob Bombane
Mr. David Bongorno
Bill and Nancy Brewer
Michael and Shirley Brizz
Mr. William S. Brooks
Mr. Winfield Brown
Mrs. Lorna and Mr. Frank Buck
Ronald and Mary Jo Burwinkel
Philip A. Burwinkel
Thomas Burwinkel, MD
Mr. Barry Campbell
Mr. and Mrs. Peter A. Carfagna
Helen Chicoine
Mr. and Mrs. Henry Chisholm III
Mr. and Mrs. John Clarry
Daniel and Christine Collum
Karen Cooper and Andrew Minton
Mrs. Virginia Cousins
Ms. Nancy M. Dechert
Anne and Thomas Deetz
Mr. and Mrs. Michael Dewees
Mr. and Mrs. David S. Dickenson II
Mr. and Mrs. Mike Dickoff
Dr. and Mrs. Paul E. DiCorleto
Mr. William M. Donley
Mr. Paul Dougherty
Mr. Sean Doyle
Mrs. Kimberly Dunlap
Ms. Carol A. Edkins
Ms. Nan Eisenberg
Fairmount Garden Club
Family Health International
Miss Maureen M. Feeney
Mr. and Mrs. Randy Feldman
Michael and Margaret Gerhardstein
Mr. and Mrs. Jonathan Goodman
Ms. Susan Gray Bé
Mrs. Mary Green and Mr. Don E. Hissam
Sarah and Robert Gries
Fran and David Grossman
Mrs. Laurence K. Groves
Mrs. Barbara Guay
Mr. and Mrs. Tom Gunke
Mrs. Anne K. Gus
Mrs. Melinda and Mr. David Halliburton
Rob and San Hammond
Mr. Edward Hansen
Lawrence and Linda Hatch
Mr. and Mrs. Henry R. Hatch
Mr. Jonathon and Claire Herman
Mr. and Mrs. John F. Herrick
Lynn and Karl Hoekstra
Ms. Sarah Hurt
Katherine and James Inabinet
John and Patricia Jenkins
Ms. Deborah and Mr. Frank Jesensek
Mr. and Mrs. Stephen M. Karaffn
Audrey Katzman and Tim McParland
Mr. and Mrs. Tom Kaung
Ms. Michelle Kee
Mrs. Vivian and Mr. Robert and Kelly Keelan
Ms. Nora D. Kieser
Mr. Albert F. Klavora
Mr. and Mrs. Matthew D. Knecht
Ms. Marcia R. Silver and Mr. Martin F. Kohn
Mrs. Ralph M. Kovel
Helene Krasney
Mr. and Mrs. Steve Kravitz
Mrs. Jean Lach
Tom and Samie Lang
Mr. David Lazor
Mr. and Mrs. Frank N. Linsalata
Ms. Deborah A. Litz
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John and Margaret Logar
Ms. Jessica Ludy
Mr. and Mrs. Philip Luhmann
Mr. and Mrs. Robert Lustig
Mrs. Becky Mahaney
Mr. and Mrs. Joseph Mahovic
Judith and Edward Majher
Janet Mannino, Marie Hickey, Barbara Curran
Miss Rachel Margulis
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Mr. James Pease
Mr. Jim Penjak
Ms. Donna Petersen
Ms. June Poole
Professor Andrea Rager and Mr. Matthew Rager
Mr. Frederick and Mrs. Leigh Anna Reichenbach

Gifts in Honor and Memory

*Deceased
Mr. Larry and Mrs. Marilyn Reichert
Mr. and Mrs. Larry Reichert
Jennifer and Joseph Restivo
Ms. Vanilda Reyes de Noyes
A. Brad and Ellen Richardson
Mrs. Barbara Rosskamm
Mr. and Mrs. Jim Ruttinger
Cindy and Ernie Sackett
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Dorothy R. Weckel and Jean A. Retzer
Ms. Sharon J. Weeden
Mrs. Hannah Weil
Linda and Michael Wilson
Thea and Peter Zimmerman
Mrs. Donna Zoldak-Cook and Mr. Kevin Cook
Scientists Seek Answers in the Living Laboratories of Holden Forests & Gardens

In September 2017, Holden Forests & Gardens horticulturists planted 500 ash trees at the Ellen Corning Long and T. Dixon Long Center for Plant and Environmental Science in an effort to identify ash trees that are resistant to the emerald ash borer. The project, the latest resulting from an ongoing partnership with researchers from the U.S. Forest Service, will test if trees that survived the infestation of the invasive insect in places like Detroit, did so because they have some resistance to the insect. Trees identified as truly resistant can then be propagated for use in reforestation efforts.

The ash tree project is part of an ongoing effort by Holden Forests & Gardens scientists to find solutions to the threats faced by our native forests. An earlier collaboration with the U.S. Forest Service identified beech trees that showed resistance to beech bark disease, leading to the creation of a beech tree seed orchard that can be used for future reforestation efforts.

HF&G scientists and their partners are also looking at the best practices to follow for reforestation. A continuing project with the Cleveland Metroparks and Case Western Reserve University has transformed a former area golf course into a living lab to test reforestation methods. When the Cleveland Metroparks acquired the former Acacia Golf Course in Beachwood, Ohio, the goal was to convert the facility back into woodlands. The land’s history as a golf course meant that great effort had been put into keeping the former fairways clear of trees. That maintenance, which would have included applications of fertilizers and pesticides, resulted in altered soil chemistry and microbial communities, which can have a negative effect on tree growth. The project offered researchers the opportunity to explore methods of restoring beneficial microbes to the soil and studying the effect those microbes have on plant growth. Over the next few years, HF&G, Metroparks and Case Western Reserve University scientists will monitor tree growth and performance to determine how soil microbes affect trees’ establishment in urban, highly disturbed soils. The goal is to be able to refine best practices for forest restoration projects.

While these collaborations are just a part of the work being done by scientists at Holden Forests & Gardens, they demonstrate the power of collaborative partnerships within the research community. HF&G scientists, working in partnership with researchers at other institutions have a greater impact than they would on their own and opens Holden Forests & Gardens natural areas up to visiting researchers as a living lab for the study of ecological issues.
We gratefully recognize the following affiliate organizations for their fiscal year 2017 (October 1, 2016 – September 30, 2017) financial contributions toward furthering our mission:

$1,000 and above
- The Garden Club of Cleveland
- The Hudson Garden Club
- Midwest Cactus & Succulent Society
- The Western Reserve Herb Society

$250 - $999
- Cat’s Den Garden Club
- East Shore Garden Club
- Emerald Necklace Garden Club
- Fairmount Garden Club
- Greater Cleveland Orchid Society
- The Herb Guild
- Hilltop Garden Club
- Ikebana International, Cleveland Chapter #20
- Lakewood Garden Club
- Ohara School of Ikebana, Northern Ohio Chapter
- Town and Country Garden Club of Cleveland
- Westlake Garden Club
- Wildwood Garden Club

$100 - $249
- The Akron Garden Club
- Aquilegia Garden Club
- Avon-on-the-Lake Garden Club
- Bay Village Garden Club
- Beach Cliff Garden Club
- The Bedford Garden Club
- The Garden Club of Bentleyville
- Berea Garden Club
- Chippewa Garden Club
- Cleveland Flower Arrangers Guild
- Cleveland Rose Society
- The Gardeners of Greater Cleveland
- Concord Garden Club
- Dahlia Society of Ohio
- Fairview Park Garden Club
- Forest City Garden Club
- Fork and Hoe Garden Club
- Four Corners Garden Club
- GardenWalk Cleveland, a program of LANDstudio
- The Gates Mills Garden Club
- Highland Heights Garden Club
- Independence Garden Club
- Indoor Gardening Society of America

Lake Shore Garden Club
- The Little Gardens Club
- Lyndhurst Garden Club
- Mayfield Village Garden Club
- North Coast Gesneriad Club & African Violet Club
- North East Ohio Iris Society
- Northeast Ohio Daylily Society
- Northern Ohio Perennials Society
- Olmsted Falls Garden Club
- Ridgewood Garden Club of Parma
- Shaker Lakes Garden Club
- Terrace Garden Club
- Village Garden Club

NEW LEAF
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- Allayne and Douglas Wick Foundation
- Richard and Susan Beck
- Mr. and Mrs. Jack Blackwell
- Mr. and Mrs. Benjamin P. Bole III
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- Dr. Barbara Brown and Dr. Steven Ward
- Mr. and Mrs. Roger H. Cerne
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- Mr. and Mrs. David S. Dickenson II
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- Ms. Nora D. Kieser
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- James and Barbara Pelowski, Ph.D.
- Phyllis H. & William H. Evans Charitable Foundation
- Mr. and Mrs. Thomas W. Seabright
- Mrs. Astri Seidenfeld
High school students to explore careers in forestry, arboriculture and conservation

High school students thinking about their future careers are being given the opportunity to explore career paths that lead away from the office and into nature. Forest Immersions XP was designed to help students explore potential careers in arboriculture, community forestry and conservation.

Supported with a grant from the Tree Fund of the Ohio Chapter of the International Society of Arboriculture and held in partnership with Red Oak Camp in Kirtland, the hands-on, overnight experience gives participants the chance to interact with plant care professionals, urban foresters and conservation biologists. The new program also gives the participants a chance to explore the forests of the Holden Arboretum and try out their tree climbing skills. Each student returns home with additional information on the educational pathways needed for these nature-based careers, as well as other career options in the field.
### Individual Giving

#### $100,000 and above
- Gay and Edward Addicott
- Mr. and Mrs. Walter E. Kalberer
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- Mr. and Mrs. C. W. Eliot Paine
- Mrs. Gretta S. Pallister+
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#### $25,000 – $99,999
- Anonymous
- Dr. Barbara Brown and Dr. Steven Ward
- Mr. and Mrs. David S. Dickenson II
- Anonymous

#### $10,000 – $24,999
- Mr. and Mrs. David S. Dickenson II
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- Ms. Jennifer Brainard
- Dr. Don Brinberg and Dr. Barbara Berkeley
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- Frank and Leslie Buck
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- Scott R. Inkley
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Missy Marshall  
Merilee Marshall  
Ms. Carol A. Marshall  
Francis and Erica Martin  
Joseph and Susan Mastromonaco  
Charles Mathes and Arlene Graston  
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Jack McMillan  
Mr. and Mrs. Richard G. Mecaskey  
Lola Yanic Meek  
Dr. and Mrs. Geoffrey Mendelsohn  
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Mr. Gerard and Mrs. Georgette Mikus  
Mr. and Mrs. William J. Miller II  
Mr. Osborne Mills, Jr. and Ms. Loren E. Bendall  
Mr. and Mrs. Roy D. Minoff  
Mr. and Mrs. David R. Mitchell  
Lisa A. Mitchell  
Mr. and Mrs. Lawrence S. Mlynek  
Ms. Theodora M. Monegan  
Ms. Kathryn Mook  
Ms. Jane Ross Moore  
Mr. and Mrs. Kenneth J. Morgan  
Mrs. Hikari Morikawa  
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Martha S. Harding  
Mr. and Mrs. William S. Hawgood II  
Mr. and Mrs. John A. Hellman  
Mr. and Mrs. Oliver C. Henkel, Jr.  
Mr. and Mrs. William M. Henning  
Mr. and Mrs. William Hertel  
Mr. and Mrs. Ben Himes  
Mr. and Mrs. Ted J. Hlavaty  
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Mr. and Mrs. William M. Henning  
Mr. and Mrs. William Hertel  
Mr. and Mrs. Ben Himes  
Mr. and Mrs. Ted J. Hlavaty  
Mrs. David H. Hoag
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John Pinkowski and Amy Weidman
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Bill Podojil and Joe Schlesinger
Mr. and Mrs. Donald Pokorny
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Michael and Susan Prokop
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Lute A. Quintrell and Lynn R. Quintrell
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Mr. and Mrs. Barry Wheeler
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Peter and Cathy Whitehouse
Fred and Marilyn Wilder
Mr. and Mrs. Steven Woods
Drs. Woznicki and Lamping
Bill and Ruth Wulfoop
Mr. and Mrs. Peter C. Wykoff
John and Lori Yanosich
Sharon Yarnell and John Liston
James and Kathleen Young
Mr. and Mrs. Donald A. Zito
Donna Marie Znidarsic
## Holden Forests & Gardens

**Financial Report**

### OPERATING RESULTS

<table>
<thead>
<tr>
<th></th>
<th>SUPPORT &amp; REVENUE</th>
<th>EXPENSES</th>
<th>PROGRAM EXPENSES</th>
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</thead>
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<tr>
<td></td>
<td>2017</td>
<td>2016</td>
<td>2017</td>
</tr>
<tr>
<td></td>
<td>$</td>
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<tr>
<td>Contributions</td>
<td>4,473,216</td>
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<td>3,721,391</td>
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<td>Government Grants</td>
<td>520,951</td>
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<td>Holden Arboretum Trust</td>
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<td>4,536,192</td>
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<td>Special Events (Net)</td>
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<td>260,038</td>
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<td>Admissions, Courses, Parking, Store and Other</td>
<td>3,246,684</td>
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<td>3,305,206</td>
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<td>Special Events (Net)</td>
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<td>Total Support &amp; Revenue</td>
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<td>13,258,901</td>
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<th>2017</th>
<th>%</th>
<th>2016</th>
<th>%</th>
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<tbody>
<tr>
<td>Comp., Benefits &amp; Staff Development</td>
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<td>Maintenance</td>
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<td>Professional Services</td>
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<td>Advertising</td>
<td>159,198</td>
<td>1%</td>
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<td>Utilities, Insurance &amp; Real Estate Taxes</td>
<td>924,082</td>
<td>6%</td>
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<td>Education, Research, &amp; Membership</td>
<td>1,242,197</td>
<td>8%</td>
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<td>Supplies &amp; Postage</td>
<td>148,805</td>
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<td>Depreciation</td>
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<td>Technology</td>
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<tr>
<td>Projects &amp; Other</td>
<td>459,642</td>
<td>3%</td>
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<td>4%</td>
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<tr>
<td>Interest</td>
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<td>0%</td>
<td>1,822</td>
<td>0%</td>
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<tr>
<td>Total Expenses</td>
<td>15,598,370</td>
<td>100%</td>
<td>15,165,779</td>
<td>100%</td>
</tr>
</tbody>
</table>

|                      | (1,499,561)      |      | (1,906,878) |

Data in this reporting format includes the Unrestricted General Fund and the Temporarily Restricted Fund.
Thank You to Our Volunteers!

Tim Ahlborn
Don Allen
Yolanda Anderson
Hank Andrews
Georgia Anetzberger
Dianne Archer
Susan Ash-Sanford
Donna Atwell
Jennifer Ault
Bob Austin
Virginia Backus
Ariel Bacon
Leslie Baueuren
Brian Baird
Janis Baker
Mariella Banez
Lynn Bango
Joan Bania
Anthony Barabani
Tom Bartlo
Elaine Bayless
Richard Beck
Mary Jo Deucher
Mary Kay Dolsh
Maxine Donlon
William Donlon
Dick Douglas
Vicki Douglas
Linda Drake
Wallene Ducmanas
Kathleen Dugan
J.B. Dunn
Namita Durve
Suzanne Earle
Katherine Elder
Carol Farroni
Darlene Farr
Donna Fatibeno
Singerman
Rose Ann Forster
Sally Frentz
Debra Freeman
Patti Gabb
Andrew Gerace
David Gildersleeve
Dave Gilson
Meena Gokhale
Amy Goetz
Deborah Golas
Melda Graves
Scott Grisso
Ardddh Guonton
Elina Gurney
Qaisra Haider
Dale Halliwill
Ray Halliwill
Hollis Hamilton
Albert Hanes
Susan Hanna
Sally Hanrahan
Carol Harmon
Debbie Haswell
Kristie Hawley
Grace Hayes
Xiaojie (Dora) He
Constance Herron
Lillian Houser
Hap Howle
Jim Hunt
Mary Hurley
Gale Jacobsohn
Gloria Jacobson
Susan Johnson
Linda Justice
Donna Kautz
Jan Kearney
Jefl Keieth
Pat Keath
Richard Kennelly
Donald Killeen
Mary Ellen Klein
Jeanne Knudtisen
Joseph Koonce
Frank G. Koss
Enid Kraus
Christine Lukas
Robert Leib
Robert Lemmo
Steve Levitan
Bonnie Lias
Susan Lombardo
Linda Lozzi
Barbara May
Marcia Mayer
Laurel Mazorow
David McGrath
Sister Pat McHale
Ramesh Mehta
Philip Mellon
Jeanette Metcalf
Larry Miller
Sally Miller
Barbara Milter
Aubrey Mixon
Michael Mizen
Yvonne M Boritzer
Kenron Morgan
David Morrow
Donna Nass
Geoff Navagh
Maria Navas
Barbara Nebe
Mary Ann Nenengborn
Clement Nesnady
Donna Nicastro
Don Nikolai
Bob Nolad
Glenn Novotny
Cindy Oakley
Patricia O'Connell
Dan O'Donnell
Collette Ondrake
Greg Ondrake
Karen Opalka
Fred Orencis
Rebecca Pachlhofer
Carol Pae
Nancy Pae
Ferole Parmelee
Allison Patrick
Jeanne Pearl
Stuart Pearl
Paulette Peluso
Donna Petersen
Annette Pizzino
Nancy Polk
Carol Powers
Francis Raishart
Marilyn Raishart
Doug Ratson
Tod Redding
Andrew Reville
Helen Rhynard
Anthony Robb
Ginny Roedig
Rachel Rouwenhorst
Nancy Roy
Denise Ruthenberg
Mary Jane Ruttinger
Lorri Rzepka
Mary Salomon
Ryan Samko
Tom Sampiner
Sue Sande
Sherry Schmidt
Betty Schmiermmond
Bob Schmiermmond
Franz Schubert
Sherry Schubert
Brenda Schultz
Mathias Schwartzman
Polly Seml
Barbara Shamberger
Lynn Shiverick
Deborah Silverman
Beth Simon
Howard Simon
Judi Slack
Renee Slembarski
Meghan Slusarski
Yvette Slusarski
Caitlin Smith
Debbie Smith
Joyce Smith
Lia Smith
David W. Snyder
Mary Kay Snyder
Helena Souffrant
Jan Spalding
Sarah Sporor
Tom Springer
Mary-Ann Stanky
Maria Stannek
Eva Stephens
Marianne Stern
Robert Stern
Sue Stromberg
Zita Stungys
Ronald Sulik
Daysha Sullivan
Melissa Sullivan
Gary Swinehart
Susan Swisher
Judy Szabo
Ellen Timms
Gregory Tomaro
Louise Toutant
Joan Troy
Cindy Tucker
Brad Turner
Peter Usayto
Christine Van Dusen
Danielle Veon
Bob Wagner
Mary Ann Wagner
Betty Wallis
Kay Wellman
Marlyn White
David Whittaker
Matalie Whittaker
Lori Whittington
Linda West
Vanessa Willard
Leroy Wilson, Jr
Kate Witosky
Elaine Wolan
Christina Woodson
Annette Yamada
Valdone Ziedonis
<table>
<thead>
<tr>
<th>Department</th>
<th>Hours</th>
<th>Hours Value</th>
<th>Visits</th>
<th>Individual Volunteer Count</th>
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<tbody>
<tr>
<td><strong>Arboretum Education &amp; Community Engagement</strong></td>
<td>3,408</td>
<td>$79,508.64</td>
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<tr>
<td>Tour Guides, School Guides, Library, Tree Tale Tellers, Garden Partners, Habitat Hut</td>
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<td><strong>Arboretum Guest Services &amp; Special Events</strong></td>
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<td>Gardeners, Bluebird &amp; Purple Martin Project, Goose Management, Land Stewardship, Plant Records, Phenology, Arbor Care</td>
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<td><strong>Arboretum Lantern Court</strong></td>
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<td><strong>Arboretum Police Department</strong></td>
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<td>Trail Monitors &amp; Deer Management</td>
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<td><strong>Botanical Garden Education &amp; Community Engagement</strong></td>
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<td>School Guides, Hershey Children’s Garden, Public Programs, Library, Green Corps, Therapeutic Horticulture, Garden Naturalist, Glasshouse Interpreters, Events</td>
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<td><strong>Botanical Garden Guest Services &amp; Special Events</strong></td>
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<td>Glow, Big Spring, Nature Connects, Retail Assistants, Group Tour Guides, Visitor Services Representatives, Gourmets in the Garden, Hoppy Hour, Special Events</td>
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<td><strong>Botanical Garden Horticulture</strong></td>
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<td>Gardeners, Glasshouse Horticulture, Animal Care, Plant Documentation</td>
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<td><strong>Advancement</strong></td>
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<td><strong>Governance</strong></td>
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<td><strong>Marketing &amp; Communications</strong></td>
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<td><strong>Research</strong></td>
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<td><strong>Grand Total</strong></td>
<td>31,854.7</td>
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</tbody>
</table>

*Based on Independent Sector Index of Volunteer Time at $23.33 per hour in 2017
Our Mission: Advance and inspire a deeper understanding of plants to enhance life.

Our Vision: Vibrant green communities and diverse native forests of the Great Lakes region will flourish and sustain life.