





This annual report celebrates the 20th anniversary of the Allegheny Arboretum at IUP. Looking back, I am impressed by how far we have come and the many things we have accomplished. We could not have done this without the support of the "Friends of the Arboretum," IUP, the volunteers who have served on the Allegheny Arboretum Board, and the Indiana community. It has been a team effort that has proven to be successful.

The pandemic has slowed our efforts to move forward with the funding of the Confluence Discovery Park 2030 Master Plan. The changes we are seeing in our society and especially in higher education add additional challenges. However, as we look to the future, we will strive to move forward the best we can under the circumstances.

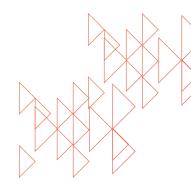
I wish to express my gratitude to the many of you who have generously provided support to the Allegheny Arboretum. The Arboretum is an ongoing project that will continue to evolve as part of IUP and the Indiana community. Without your support, we will not be able to accomplish our goals.

There are many ways in which you can help the Arboretum succeed. Toward that end, a form for your use is included on the last page of this report. We thank you in advance for your support. Please feel free to contact me. Until the next report, please stay in touch.

Cordially,

Dr. Jerry L. Pickering, Chair Allegheny Arboretum Board jlpicker@auxmail.iup.edu

Indiana University of Pennsylvania Robertshaw Building 650 South 13th Street Indiana, PA 15705-1087





You know the Oak Grove as the center of administrative, academic, and cultural activities of the university. Addressing the "health" of this attractive and memorable space was also one of the reasons for the creation of the Arboretum. Indeed, one of the first activities of the newly formed Arboretum Board in 2001 was to obtain a Phase I Kiski Basin Initiative Grant for maintenance of the Oak Grove.

In spring 2015, IUP Magazine featured the "Evolution of the Oak Grove." Since 2015, additional trees and tree species have been added with the intent of adding diversity to the grove. In addition to tree care, all of the 25 benches in the grove have been replaced with the support of donations from "Friends of the Arboretum."

The Oak Grove's history goes back as far as IUP, with some of the current trees in it believed to date back to the strand of trees that would become the site of Sutton Hall. As we look forward, the Arboretum will continue to promote a healthy and diverse Oak Grove.



Spring 2015 IUP Magazine cover

20-year total numbers:
Planted 400 trees—72 are
dedication trees—and
placed 31 dedication
benches on campus.

Year	Number of Trees	Tree Species
1961	149	32
1994	111	20
2003	93	16
2015	100	26
2020	113	29



EAST LAWN: "THE FRONT YARD OF THE UNIVERSITY"

Since its opening in 1875, Sutton Hall's East Lawn has acted at the "front yard" of the university. Over the years, the site has been the home of the university flag pole, ornamental fountain, and gazebo. It has seen graduation ceremonies, May flagpole celebrations, class pictures, Earth Day celebrations, movies, concerts, and many other university functions.

Flagstone Theater was constructed in 1958 as the first funded project of the IUP Foundation. Before its removal in 2015, it was the site of many student activities.

The fountain was a favorite setting for photographic poses and even inspired a young poet: "Its' tinkling, laughing, happy chime seems like youth's unending chant / Its' ever upward flow, like young forces leaves no room for 'can't."

The Arboretum Board would like to have the fountain, that was removed in 1970, replaced.

Over the years, the east lawn area has seen a general decline in tree cover and maintenance. In 2003, the Arboretum received a Phase II Kiski Basin Initiative Grant to address these trends. The resulting \$6,000 was designated for tree maintenance in the east lawn area.

Completed in 2009, the Campus Preservation Plan that was prepared by the Pittsburgh History and Landmarks Foundation noted that the tree cover in the east lawn area had declined over the years. As the report recommended, "the planting of long-lived monarch trees should be expanded campus—wide to beautify and unify the grounds. The Oak Grove is an excellent model and should be used as a guide for planting throughout the entire campus."



Friendly oaks.

You promise us much in the springtime.

You fulfill your promise of beauty.

Change to a deeper beauty,

Then stand barren-Yet ever lovely

Straight soldiers watching-

Watching a never ending stream of youth,

A group of cherished buildings,

A sweep of green to the east.

A fountain, flowers,

All parts of the ineffable picture which is

Our campus.

-Annabelle Hutson



UP poem from 1929 yearbook, appeared in 2011 annual report

Following these recommendations, the Arboretum Board started a "reforesting" plan for the east lawn. In 2000, tree analysis data recorded the presence of 26 trees representing 12 species in the east lawn. Since then, 18 trees representing 13 species have been added to the same space. The resulting 44 trees representing 23 species will re-establish the 'cathedral-like' canopy that once existed here. Future plans will add a few additional trees to the area.



CONFLUENCE DISCOVERY PARK 2030 MASTER PLAN

In 2017, the Allegheny Arboretum and IUP were awarded \$220,000 from the Pennsylvania Department of Conservation and Economic Development for a Greenways, Trails, and Recreation Program Grant. IUP matched a portion (15%) of the total and contributed an additional \$33,000. The \$253,000 total was used to pay for the development of the Confluence Discovery Park 2030 Master Plan that was completed in 2019.

The next step in the project will be to obtain funds for Phase II — Overview and Construction Documents, which will provide the engineering and construction plans for building the first phase of the five-phase master plan proposal. The Allegheny Arboretum Board and IUP will work with the University Advancement Division, IUP Research Institute, and the Foundation for IUP to identity and apply for funding for Phase II from public and private sources.

Unfortunately, due to the COVID-19 pandemic, all plans for fundraising had to be suspended. The current plan is for attempts to start looking for potential funding sources for Phase II to be made in the coming year.

The Master Plan can be viewed on the Arboretum's website: *IUP.edu/Arboretum*.

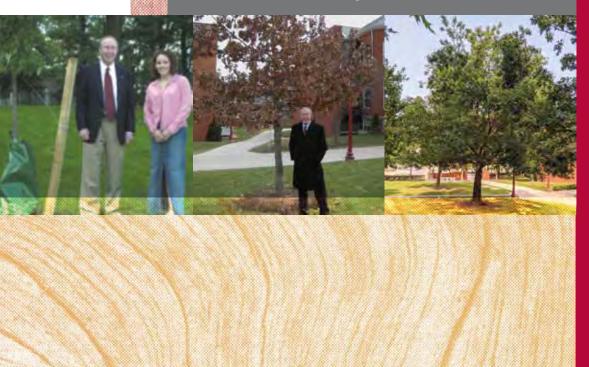


TREE PLANTINGS

Thirteen trees were planted over the past year:

- 8: Slender Silhouette Columnar Sweetgum, *Liquidambar sylvatica*, 'Slender Silhouette', near the parking lot south of the KCAC, along Wayne Avenue.
- 3: Sourwood, *Oxydendrum arboretum*, along the walkway south of Elkin Hall.
- 2: American Chestnut 15/16 hybrid, Castanea dentata, Oak Grove.

Three pictures for Pettit tree, 2002 Dr. Pettit with student Board member Julie Paronish, first tree planted by Arboretum, purchased by Dr. Pettit; second picture taken 2011 tree and Dr. Pettit; third picture taken 2020 of tree





BENCHES

Five plaques were placed on dedicated benches.

- Helmut Paschold near the entrance of Johnson Hall In Loving Memory of Dr. Helmut Paschold, Associate Professor, Safety Sciences Department
- Tim Hayes in the Oak Grove

 Donated by the Hayes Family:

 Ellen and Tim IUP '82, Christopher IUP '18, Jenna, and Kelsey.
- Gary Edwards- near the Memorial Field House In Memory of Anthony John Trunzo June 12, 1938-April 15, 2013
- Alpha Kappa Alpha East Lawn, in Front of Sutton Hall Alpha Kappa Alpha Sorority Inc Rho Rho Chapter Chartered April 27, 1997
 "Service to all mankind."
- Wes Semple near the Humanities and Social Sciences Building
 The Semple Family
 Wesley S. M'69, Susan and Wes Jr.
 Shaler Garden Club



LEAGUE OF WOMEN VOTERS AWARD

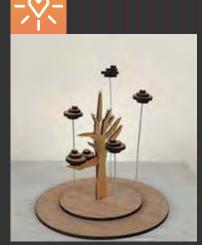
This year, the League of Women Voters of Indiana County awarded the 2020 Peggy Clark Grassroots Environmental Leadership Award for an organization to the Allegheny Arboretum. In his confirmation letter, Dr. Thomas Simmons stated that "the Allegheny Arboretum demonstrates grassroots leadership by the collective action of community leaders and Indiana University of Pennsylvania professors in their efforts to effectively change how our regional flora is preserved and protected by educating others about local environmental conditions and the need to protect natural resources." The Allegheny Arboretum Board and IUP thank the League of Women Voters of Indiana County for this recognition and support.



ART IN THE ARBORETUM

In February 2020, the Art in the Arboretum Committee evaluated three student projects. The winning selection was "Birds of a Tree," submitted by Dave Salinas and Katie West.

The artwork would have been composed of four vertical sculptures presented on posts, along with a central vertical piece. Its location was planned on the northeast grassy corner of the parking lot adjacent to Wayne Avenue. Due to the pandemic, the project had to be canceled. However, the students were each awarded \$250 for their winning proposal. Future Art in the Arboretum projects are not planned at this time.



Electronic Marketing: From 2004-13 students in the Electronic Imaging classes created posters that could be used for marketing the Arboretum. The students were under the direction of Drs. Dennis Ausel and Christopher Juengel from the





Learning Center was renamed the Larry F. Sabotka Science Discovery and Outdoor Learning Center in honor of Mr. Sabotka, a 1963 graduate of IUP. He provided \$150,000 to support the center and create a scholarship. He also pledged upward of \$1 million to sustain the center for the future.

Originally opened in 2011, the center is located in the rear courtyard of Stouffer Hall. In this outdoor classroom facility, students and educators have access to state-of-the-art facilities and a lush natural environment for versatile learning on campus.

www.iup.edu/education/centers/sciencediscovery/

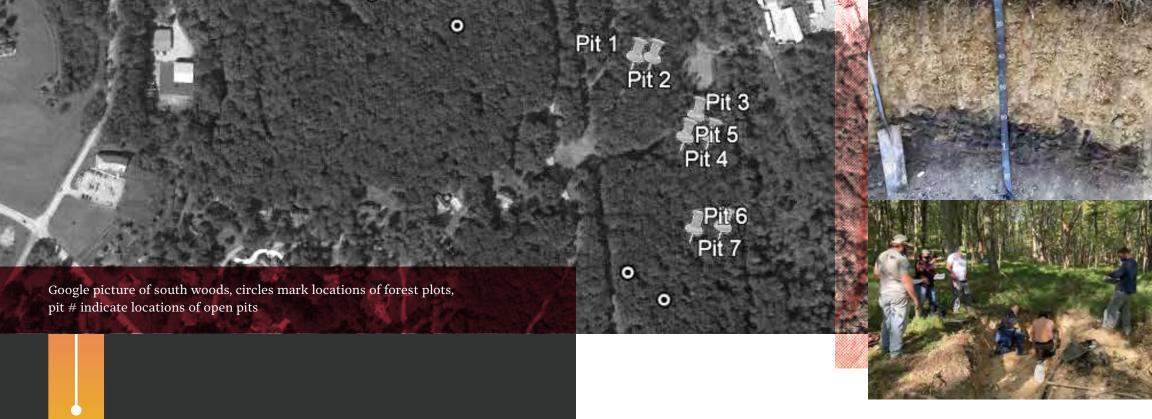




DESIGN REVIEW COMMITTEE

In cooperation with IUP, the Design Review Committee has provided suggestions regarding what trees should be planted in conjunction with the landscaping around new buildings. Examples include the North Dining Hall, Northern Suites, Humanities and Social Sciences Building, and the Creative Arts Plaza.

The committee has submitted its recommendations for the new John J. and Char Kopchick Hall, including the planting of several tree species that were removed for the construction of the new building. The major goals of the committee are to select suitable tree species that fit the landscaping around the new building and to increase the diversity of trees on campus.



ACADEMIC COMMITTEE

Over the past 20 years, faculty and students from five departments (Anthropology; Art; Biology; Geography and Regional Planning; and Geoscience) have been involved in teaching and research projects related to the Arboretum. The first faculty/student project was a survey of the trees in the Oak Grove, which was completed in 2002. This led to the publication of the Trees of Indiana University of Pennsylvania, created in 2003 by students working with Dr. Jerry Pickering in his Plant Taxonomy class. This formed the basis for the 2006 publication of the *Map and Guide to the Living Collection of the Campus Trees*. The guide was updated in 2017 and 2020.

Over the past year, students have worked with Dr. Tomas Simmons of the Biology Department and Dr. Lara Homsey-Messer of the Anthropology Department. Both projects have taken place in the south campus woods.

Dr. Simmons and his students have established plots for the long-term (5-year) study of forest ecology. In addition, studies have taken place involving mast production by monitoring acorn production at selected sites. Mast production refers to edible or reproductive parts produced by woody plants.

Dr. Messer's students have been involved in the creation of soil pits for the purpose of teaching students about soil science. This is the result of an agreement between IUP and Soil Hub, LLC. The purpose of the agreement is twofold. Soil Hub will use the pits to run DEP-approved soil and wetland delineation training for environmental practitioners, such as sewage enforcement officers. IUP will use them as experiential training loci for classes in Archaeology, Geology, Biology, and Environmental Engineering. IUP students will be able to take Soil Hub workshops free of charge, and IUP will receive 8% of registration fees. Soil Hub provides online and in-person soil science training classes.





COMMUNITY OUTREACH

An important goal of the Arboretum involves community outreach. This has been accomplished in several ways:

- walking tours of the Arboretum
- presentations to community organizations
- radio interviews
- financial contributions to worthy causes.

Cub Scout members have assisted in the planting of trees in the Arboretum and Indiana County's Memorial Park. The Arboretum has funded the planting of "public trees" at various locations including Indiana Memorial Park, Mack Park, the Heritage Garden at IUP, downtown Punxsutawney, and the Indiana Multi-Model project. Information about the Arboretum has appeared annually in the *Keystone Gardener*, the official publication of the Garden Club Federation of Pennsylvania.

In 2013, a three-week Arboretum Museum Exhibit took place with support from the University Museum, the Evergreen Garden Club, and the Indiana Garden Club. The show featured prints, drawings, and watercolors from the collection of the Hunt Institute of Botanical Documentation at Carnegie Mellon University. It also featured displays on the lumber history of the Indiana region and Arboretum related faculty and student activities.







Members of the Board have been active in various community organizations such as: Livable Indiana Neighborhood Connections (LINC), Indiana Community University District (ICUD) project, Stormwater Education Partnership, Indiana Shade Tree Commission, and Indiana County Walk Works Program. Future presentations are planned on the proposed Confluence Discovery Park 2030 Master Plan.





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Allegheny Arboretum Board Changes

Three new members were added to the Arboretum Board.

Dr. Erin Janetski Biology Department, IUP

Ms. Denise Leggett Executive Director, Indiana County Tourist Bureau

Ms. Susanna Sink Vice President Administration and Finance, IUP, retired

Since its creation in 2000, 47 people have served on the Allegheny Arboretum Board. Four individuals are original Board members:

Mr. W. Thomas Borellis, Dr. Jerry Pickering, Mr. Robert Pollock, and Dr. Whit Watts.



Budget

Balance 7/01/2019	\$41,130.95
Donations	\$13,930.06
Expenditures	\$13,234.26
Benches	\$7,576.80
Trees	\$1,255.00
Plaques and accession tags	\$30.42
APGA membership	\$150.00
Annual report	\$1,950.00
Confluence Discovery Park Master Plan printing	\$1,000.00
Tree donation for Indiana multi-modal corridor	\$500.00
IUP Foundation fees	\$772.04
Balance 6/31/2020	\$41,826.75

20-year summary of Arboretum funding

Total donations \$220,122.48
Total expenses \$178,295.73
Balance \$41,826.75

Additional funding:

- 2002: Kiski Basin Initiative Matching Grant, Oak Grove tree maintenance: \$10,000
- 2003: Kiski Basin Imitative Matching Grant, East lawn tree maintenance: \$6,000
- 2016: "Art in the Arboretum" student sculpture competition, funding from Mr. Ray Kinter: \$3,000
- 2017: "Give to the Grove" IUP student donation project: \$1,450.08, 93 donors, four trees planted
- 2017: PA. Dept. of Conservation and Economic Development Grant with contributions from IUP, Confluence Discovery Park Master Plan: \$253,000
- 2019: Pledge from Mr. Ray Kinter: \$75,000

Total 20-year generated funds: \$568,572.56

In addition, IUP has provided support for Arboretum activities that include: tree planting and maintenance, layout and publication of the annual report, Harvest to Use Project support, office space, IUP Foundation assistance, Annual Giving and Development outreach, and space for the "Friends of the Arboretum" donation display in Sutton Hall. Also, the Arboretum Board recognizes the support from individuals across the campus and the Indiana community.



Summary of selected Allegheny Arboretum activities

- Arboretum established.
- Approved name, Allegheny Arboretum at IUP consisting of the entire campus. Goals, objectives, and collection policy of the arboretum established.
- Awarded \$5,000, matched, by IUP to fund Phase I of the "Oak Grove Renovation and Preservation Project." Maintenance is done on Oak Grove trees.
- Arboretum web page developed.
- 2004 Allegheny Arboretum becomes part of IUP under the vice president for Administration and Finance. Arboretum becomes a 501(c)(3) organization, with all finances maintained by the Foundation for IUP. The first tree (a white oak) is cut and used as part of the "Harvest to Use Initiative."
- Campus Tree Tour Map and Guide published.
- **2006** Allegheny Arboretum exhibit at the University Museum cosponsored by the Evergreen Garden Club with displays on botanical art prints from the Hunt Botanical Institute and the lumbering history of western Pennsylvania.
- **2007** As part of the arboretum's Outreach Program, twelve identification plaques were placed on selected trees in Indiana's Memorial Park. The locations of each of the forty total trees in the park were also mapped.
- Construction begins on the "Heritage Garden" that replaced the "Touch and Smell Garden."
- Wood-drying building constructed as part of the "Harvest to Use Initiative."
- Allegheny Arboretum included in the *2030 Campus Facilities Master Plan*. The first steps are taken in the construction of the Stouffer Hall Outdoor Learning and Teaching Laboratory.

- *Allegheny Arboretum Concept Overlay Plan* completed.
- **2012** Stouffer Hall Outdoor Learning and Teaching Laboratory dedicated.
- *Tree Inventory and Management Plan for the 1UP Campus* completed.
- Allegheny Arboretum receives a Level I accreditation from the ArbNet Arboretum Accreditation Program. Arboretum video released (www.iup.edu/arboretum)
- Best College Reviews ranks Allegheny Arboretum 10th in a listing of the 50 most beautiful college arboretums. Annual Report featured "Art in the Arboretum" of all the sculptures on campus.
- First "Art in the Arboretum" student sculpture awarded.
- Received \$220,000 from the PA Department of Conservation and Economic Development and \$33,000 matching grant from IUP to develop the Confluence Park master plan.
- Andropogon Associates, Ltd to develop a master plan for Confluence Park. Sub-consultants included Biohabitats, GBBN Architects, and Civil & Environmental Consultants, Inc.
- Confluence Discovery Park 2030 Master Plan completed. Arboretum receives a Level I re-accreditation from the ArbNet Arboretum Accreditation Program.
- **2020** The League of Women Voters of Indiana County awarded the 2020 Peggy Clark Grassroots Environmental Leadership Award for an organization to the Allegheny Arboretum.



2020 - 2021 Proposed Activities

- 1. Coordinate efforts with the University Advancement Division and the Foundation for IUP to begin investigating possible sources to fund Phase II of the Confluence Discovery Park Project: Overview and Construction Documents.
- **2.** Continue to inform the university and Indiana community about the Confluence Discovery Park 2030 Master Plan.
- Begin discussion between the Arboretum Board and IUP to develop a strategy to implement Allegheny Arboretum Management, Operations, and Business Plan.
- **4.** Continue to carry out Arboretum "basic" functions.
 - Coordinate tree plantings and bench donations
 - Update, maintain, and mount accession tags
 - Maintain accession list
 - · Update, order, maintain and mount tree plaques
 - Coordinate bill payments and budget
 - Write and supervise the publication of annual report
 - Maintain and update "Friends of the Arboretum" donor wall
- **5.** Continue to implement the goals of the following committees.
 - Art in the Arboretum Committee
 - Fern Hollow Committee
 - Plant Selection Committee
 - Confluence Discovery Park Phase 1 Implementation Committee
- **6.** Continue to evaluate and revise the Allegheny Arboretum web page.
- **7.** Continue to cultivate contacts with local organizations.
- **8.** Continue to work with administrators, faculty, and students at IUP to promote Allegheny Arboretum related projects.
- **9.** Continue to implement the goals and objectives of the Allegheny Arboretum.

Allegheny Arboretum Board Members

Mrs. Ruth Berry

District Chair, The Garden Club Federation of Pennsylvania Indiana Garden Club

Mr. W. Thomas Borellis

Assistant to the VP for Administration and Finance for Special Projects, IUP, retired

Ms. Marge Bucci

Indiana Garden Club

Mrs. Carla Eichman

Evergreen Garden Club of Indiana

Mr. Charles Flynn

Musser Forest, retired Treasured Trees Nursery, owner

Ms. Beth Ann Harrington

Director, Wood Center Art Department, IUP

Ms. Barbara Hauge, RLA, ASLA

UpStreet Architects, Inc.

Dr. Erin Janetski

Biology Department, IUP

Dr. John Kilmarx

Associate Vice President for Academic Administration, IUP

Ms. Denise Leggett

Executive Director, Indiana County Tourist Bureau

Mrs. Mary Jo Ludwig

Assistant Director of Annual Giving, IUP

Mr. Jason Mackovyak

Executive Director of Engineering and Construction, IUP

Dr. Jerry L. Pickering

Chair, Allegheny Arboretum Board Biology Department, IUP, retired

Mr. Robert Pollock

Board Penn State Cooperative Extension

Ms. Susanna Sink

Interim Vice President Administration and Finance, IUP, retired

Dr. Holly Travis

Biology Department, IUP

Dr. Meghan Twiest

Department of Professional Studies in Education, IUP, retired

Dr. Michael Tyree

Biology Department, IUP

Dr. Whit Watts

Geography and Regional Planning Department, IUP, retired

Mrs. Ruth Berry (Arboretum Board Member) Gregg Van Horn, Jerry Fulmer (both members of the Grounds Facilities Dept. at IUP) planting tree in Oak Grove on Arbor Day 2008



Friends of the Arboretum

Alpha Kappa Alpha

Anonymous

Kayla D. Dawson

Jennifer Luzier Dunsmore '98 and James Dunsmore

Gary Edwards and Corinne Edwards

George Evans and Karen Evans

Michelle Fryling and Calvin Fryling

Eleanor Mihalyi Gallati '54 and Walter Gallati

Timothy Hayes '82 and Ellen Kelsesky Hayes '82

John Kilmarx and Beth Kilmarx

Mary Ludwig and Michael Ludwig

Raymond Kinter '67, M'69

Richard Manslow

Robert Martin '72 and Margaret Kremer

Pat Mazanek '73, M'82 and Patti Shannahan Mazanek '74, M'86

Jack McMillen '75, M'79

Mary Ordakowski Morgan '91 and Scott Morgan

Tonya Patterson

Susan Pickering '85, M'89 and Jerry Pickering

Edith Rhodes-Hahn '51

Brian Sell '05 and Stephanie Sell '10

Wesley Semple M'69 and Susan Semple

Gordon Thornton

Holly Travis M'03, D'07

Christina Wiggins

Arthur Woods '83 and Charlene Woods

Mary Lou Zenisek

Over the past 20 years, the Arboretum has received support from 522 donors.

The Allegheny Arboretum Board and IUP greatly appreciate the support from all of its donors.





The Heritage Garden was completed in 2010. Maintained by the Indiana Garden Club, it replaced the Touch and Smell Garden, which replaced the Shakespeare Garden.



Like many IUP graduates, I have fond memories of the university's Oak Grove. Surrounded by academic, administrative, and entertainment centers, its towering oaks imparted feelings of permanence, strength, and solitude, while its interconnecting walkways provided a cohesiveness to the institution's activities. The Arboretum will enhance IUP's ability to provide appropriate and unique space for its many educational opportunities and services. For generations, students, faculty, members of the community, and visitors will appreciate the serene, introspective, and stimulating atmosphere provided by a campus arboretum."

Dr. Gould F. Schrock IUP 1958, M.Ed. 1961 IUP Biology Faculty 1968–1996 Arboretum Board Member 2000–2012 **With Your Support...** The Allegheny Arboretum at IUP continues to grow, but additional funding is needed in order to continue the efforts of the arboretum. Operating solely through private funding, the Allegheny Arboretum is grateful for the continued support of individuals, businesses, organizations, and foundations.

Since January 2000, the arboretum has planted, nurtured, and developed green spaces on the IUP campus. The restoration and revitalization of the Oak Grove; planting of trees and placing of benches in recognition of friends, family, and loved ones; creation of new niche gardens; and so many other developments have been accomplished through the efforts of everyone involved with the Allegheny Arboretum at IUP.

Your gift makes a difference. Each tree, each garden, each bench leaves a legacy of memories for students, families, friends, and the Indiana community. To make your gift, complete the form below, visit www.iup.edu/giveagift, or call the Office of Annual Giving at 724-357-5555.

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This report summarizes the activities of the Allegheny Arboretum Board from July 1, 2019, through June 30, 2020, and presents some projects the Board will pursue in the coming year. It also highlights some of the Arboretum's activities over the past twenty years.

