BLANDY EXPERIMENTAL FARM
Foundation of the State Arboretum
Annual Report
July 1, 2019 — June 30, 2020
Collaborating with the University to Build Community

By David Carr, Blandy Director and T’ai Roulston, Arboretum Curator

Blandy has been a part of the University of Virginia since 1927, but we are always looking for new ways to engage and partner with the folks in Charlottesville. The miles that separate Blandy and the University’s main Grounds present challenges, but the past year saw some important new relationships form and new collaborative projects get under way.

Lifetime Learning is a part of UVA’s Alumni Association with the mission of enriching the lives of UVA alumni, parents, and friends. The Senior Director of Lifetime Learning, Althea Brooks, contacted us in the summer of 2019, and together we organized two events at Blandy. The first was an open house in late summer where we introduced a group of over 40 people to Blandy for the first time. The second event took advantage of the brilliant fall color in the Ginkgo Grove.

This new relationship with Althea’s team has continued into 2020, and ironically, the Covid-19 pandemic has created a fabulous opportunity to extend our reach to a broader audience than ever before. Through Lifetime Learning, Blandy faculty and staff provided online garden tours and Zoom programs on bird migration and ginkgoes that reached hundreds of people in nearly every state and at least five countries.

During the past year, FOSA’s Collections Committee worked closely with Blandy staff and the University’s Arboretum and Landscape Committee to design and fund a landscape renovation around Peetwood Pavilion. Peetwood serves primarily as a classroom for the K-12 and summer camp programs, but the area around it had not been developed specifically to support educational opportunities.

The Collections Committee drew up a plan to extend seating opportunities in outdoor spaces and install plantings of interest to the education team. Seating opportunities include the installation of seat walls on the Peetwood patio and on a new semi-circular gathering area beyond Peetwood. With input from the educational staff, new plantings will include species of cultural importance to the indigenous peoples of this region and will be interpreted as part of educational programs. The plans were presented to UVA’s Arboretum and Landscape Committee, which suggested key improvements to the design and agreed to provide approximately half of the projected $44,000 funding for the project. Groundbreaking for the project is expected to take place in spring 2021 and be completed by fall 2021.

Our faculty and staff will continue to elevate Blandy’s profile at the University in order to seek out new partnerships that can lead to new opportunities, connect to new audiences, and extend our reach. By helping us build these new relationships and showing community support for Blandy’s mission, FOSA has always played a key role in strengthening Blandy’s connection to the University.
“And the world as we know it changed”

By Steve Bauserman
FOSA President

When 2019 began my final year as FOSA President, it was exciting to look forward to a year that had great promise. At the start, last summer, we were moving ahead with the repurposing of the former shop into a modern, interactive information center.

FOSA funded three summer graduate students, and we were redoing a lot of our brochures and outreach to the Hispanic community. As the summer progressed into fall, Nature Nurtures offered more hands-on experiences for adults and kids to reintroduce them to the natural world and allow them to learn more about themselves.

By the fall, we said goodbye to a retiring Steve Carroll, Blandy’s director of public programs.

The end of the calendar year saw our traditional workshops and annual fundraising drive as we began planning for 2020 and upcoming events such as Garden Fair and a new Summer Solstice 5K Run.

Ariel Firebaugh was in the process of being hired as the new Director of Scientific Engagement, bringing her knowledge of Blandy from prior field work here but also fresh ideas for using technology to reach out to the public.

Then COVID-19 came, and the world as we knew it suddenly changed.

Closing Blandy to the public obviously caused us to totally rethink our mission and how to accomplish it, while surviving financially.

Our previous attention to financial matters, adding new folks to critical positions and exploring new ways to improve FOSA outreach and services all helped us get ready for what was to come.

Thanks to the generous giving of the board and members, we were able to replace a significant part of lost Garden Fair revenue. Small grants and other belt-tightening efforts should continue to help financially, but these are challenging times. Even with the restrictions in place for in-person meetings, committees have used Zoom meetings to continue to examine and plan improvements at Blandy such as landscaping with native plants and easier, safer access to Peetwood Pavilion as well as examining the Dogwood collection and looking at ways to revise the terraces near Lake Georgette. The Education Committee and Events Committee, among others, are reviewing their missions and activities.

In conclusion, I am confident the incoming President, Jolly de Give, her officers, board members, and committees will bring FOSA through these trying times as a much stronger, vibrant and focused organization, but they need all our support to make this happen.

It has been an extreme honor to serve as your President. I will treasure the years of service as well as the amazing people I have worked with, many of whom I consider good friends.
### Blandy Experimental Farm Financial Report

31685 AS-Blandy Experimental Farm ~ Fiscal Year 2020 (July 1, 2019 – June 30, 2020)

<table>
<thead>
<tr>
<th>Description</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Beginning Balance</td>
<td>$1,309,073.17</td>
</tr>
<tr>
<td><strong>Income</strong></td>
<td></td>
</tr>
<tr>
<td>Revenue</td>
<td>$28,748.70</td>
</tr>
<tr>
<td>FOSA Support</td>
<td>$209,063.71</td>
</tr>
<tr>
<td>Gifts</td>
<td>$51,351.00</td>
</tr>
<tr>
<td>Reimbursements</td>
<td>$22,873.56</td>
</tr>
<tr>
<td>UVA Support</td>
<td>$290,984.48</td>
</tr>
<tr>
<td>Grants</td>
<td>$216,742.00</td>
</tr>
<tr>
<td>Endowment Distribution</td>
<td>$1,437,396.16</td>
</tr>
<tr>
<td>State Support</td>
<td>$304,927.00</td>
</tr>
<tr>
<td>Interest</td>
<td>$1,151.00</td>
</tr>
<tr>
<td>Transfer</td>
<td>$(50,000.00)*</td>
</tr>
<tr>
<td><strong>Total Income</strong></td>
<td><strong>$2,513,237.61</strong></td>
</tr>
<tr>
<td><strong>Expenses</strong></td>
<td></td>
</tr>
<tr>
<td>Salaries &amp; Wages</td>
<td>$1,661,419.46</td>
</tr>
<tr>
<td>Student Support</td>
<td>$221,440.12</td>
</tr>
<tr>
<td>Teacher Support</td>
<td>$53.83</td>
</tr>
<tr>
<td>Supplies &amp; Services</td>
<td>$197,662.33</td>
</tr>
<tr>
<td>Travel &amp; Prof. Dev.</td>
<td>$32,597.25</td>
</tr>
<tr>
<td>Printing &amp; Publication</td>
<td>$5,043.17</td>
</tr>
<tr>
<td>Communications</td>
<td>$22,277.89</td>
</tr>
<tr>
<td>Utilities</td>
<td>$61,837.62</td>
</tr>
<tr>
<td>Equipment</td>
<td>$15,897.11</td>
</tr>
<tr>
<td>Insurance</td>
<td>$2,338.65</td>
</tr>
<tr>
<td>eVA Fees</td>
<td>$1,775.60</td>
</tr>
<tr>
<td>Recoveries</td>
<td>$(5,152.00)</td>
</tr>
<tr>
<td>F&amp;A Costs</td>
<td>$34,461.05</td>
</tr>
<tr>
<td><strong>Total Expenses</strong></td>
<td><strong>$2,251,652.08</strong></td>
</tr>
<tr>
<td><strong>Ending Balance</strong></td>
<td><strong>$1,570,658.70</strong></td>
</tr>
</tbody>
</table>

This is an unaudited summary of income and expenditures from Blandy’s University accounts. The audited financial statements of the University of Virginia are available here: [http://evp-coo.virginia.edu/annual-financial-reports](http://evp-coo.virginia.edu/annual-financial-reports)


---

At top, Adalberto Ubinas, a student from the University of Puerto Rico, talks to students in Blandy Summer Camp. Above left, UVA undergraduate Emma Grover samples aquatic organisms in Lake Georgette. Above right, Stephanie Gastelum from the University of Arizona and Emma Jeanne Wilkin from Howard University show summer campers a pair of eastern painted turtles. These college students took part in the 2019 Research Experience for Undergraduates (REU) program, which brings college students from around the U.S. and beyond to Blandy to gain research experience with Blandy faculty.
## Foundation of the State Arboretum Financial Report

<table>
<thead>
<tr>
<th></th>
<th>Without Donor Restrictions</th>
<th>With Donor Restrictions</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Net Assets as of 7/1/19</strong></td>
<td>-43,246</td>
<td>938,293</td>
<td>895,047</td>
</tr>
<tr>
<td><strong>Change in Net Assets</strong></td>
<td>-48,400</td>
<td>35,649</td>
<td>-12,751</td>
</tr>
<tr>
<td><strong>Net Assets as of 6/30/20</strong></td>
<td>-91,646</td>
<td>973,942</td>
<td>882,296</td>
</tr>
<tr>
<td><strong>REVENUE AND SUPPORT</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Contributions</td>
<td>127,774</td>
<td>40,591</td>
<td>168,365</td>
</tr>
<tr>
<td>Membership</td>
<td>21,847</td>
<td></td>
<td>21,847</td>
</tr>
<tr>
<td>Investment Return, Net</td>
<td>3,148</td>
<td>26,817</td>
<td>29,965</td>
</tr>
<tr>
<td>Public Program Fees</td>
<td>12,026</td>
<td>12,026</td>
<td></td>
</tr>
<tr>
<td>Fundraising Events, Net of Expenses of $7,885</td>
<td>5,750</td>
<td></td>
<td>5,750</td>
</tr>
<tr>
<td>Net Assets Released from Restrictions</td>
<td>31,759</td>
<td>-31,759</td>
<td></td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>202,304</td>
<td>35,649</td>
<td>237,953</td>
</tr>
<tr>
<td><strong>FUNCTIONAL EXPENSES</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Administrative Expenses</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Collection and Grounds Improvement</td>
<td>20,721</td>
<td></td>
<td>20,721</td>
</tr>
<tr>
<td>Public Program Expenses</td>
<td>9,627</td>
<td>1,180</td>
<td>10,807</td>
</tr>
<tr>
<td>Research Experience</td>
<td>1,131</td>
<td></td>
<td>1,131</td>
</tr>
<tr>
<td>Public Information</td>
<td>6,206</td>
<td></td>
<td>6,206</td>
</tr>
<tr>
<td>Support of Blandy and State Arboretum</td>
<td>184,046</td>
<td></td>
<td>184,046</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>221,731</td>
<td>27,793</td>
<td>1,180</td>
</tr>
<tr>
<td><strong>LIABILITIES AND ASSETS</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Liabilities, accounts payable</td>
<td></td>
<td></td>
<td>5,000</td>
</tr>
<tr>
<td><strong>Net Assets</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Net Assets without Donor Restrictions of 6/30/20</td>
<td></td>
<td>-91,646</td>
<td></td>
</tr>
<tr>
<td>Net Assets with Donor Restrictions as of 6/30/20</td>
<td>973,942</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Total Net Assets</strong></td>
<td>882,296</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Total Liabilities and Net Assets</strong></td>
<td>887,296</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

This summary is based on the Foundation’s auditor-reviewed financial statements, which are available upon request.

The Ginkgo Grove is the most popular fall feature of the Arboretum. It is the largest grove of ginkgos planted for research outside their native China.
The fiscal year began as normal for Blandy’s preK-12 Education Programs. During the summer we taught programs to a trickle of students, geared up for the busy fall season, and subsequently taught nearly 1,900 students. Over the winter months we shared our program innovations at several professional education conferences and prepared for several others scheduled for March, April, and May. Spring also promised to be busy with programs for students and we were ready! We had one school visit Blandy in March and then, all programs and professional development sessions were canceled due to the pandemic. The data in the table reflect the students and teachers we were able to serve and, additionally, the impacts of the pandemic on our programs and service to the members of our education community.

### Number Served

<table>
<thead>
<tr>
<th>Category</th>
<th>Number Served</th>
<th>Cancellations due to COVID-19</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>PreK-12 School Programs</strong></td>
<td></td>
<td>194</td>
</tr>
<tr>
<td>Education Programs</td>
<td>103</td>
<td>110</td>
</tr>
<tr>
<td>Students Served</td>
<td>1,895</td>
<td>4107</td>
</tr>
<tr>
<td>Teachers attending</td>
<td>110</td>
<td>200</td>
</tr>
<tr>
<td>Chaperones attending</td>
<td>440</td>
<td>700</td>
</tr>
<tr>
<td>School Divisions Served</td>
<td>11</td>
<td>7</td>
</tr>
<tr>
<td>Schools Served</td>
<td>39</td>
<td>44</td>
</tr>
<tr>
<td>Public School</td>
<td>26</td>
<td>32</td>
</tr>
<tr>
<td>Private school</td>
<td>10</td>
<td>12</td>
</tr>
<tr>
<td>Home School</td>
<td>3</td>
<td>0</td>
</tr>
<tr>
<td>Science Fairs Judged</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td>Students Judged</td>
<td>32</td>
<td>24 (estimate)</td>
</tr>
<tr>
<td>Other Outreach Events</td>
<td>313</td>
<td>0</td>
</tr>
<tr>
<td><strong>Professional Development &amp; Adult Programs</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Teacher Professional Development, # attending</td>
<td>312</td>
<td>112</td>
</tr>
<tr>
<td>Scientist Professional Development, # attending</td>
<td>0</td>
<td>10</td>
</tr>
<tr>
<td>Adult Community Outreach, # attending (presentations &amp; classes)</td>
<td>22</td>
<td>58</td>
</tr>
<tr>
<td><strong>Outreach Summary</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td># students served</td>
<td>2,240</td>
<td>4,131</td>
</tr>
<tr>
<td># teachers served</td>
<td>422</td>
<td>112</td>
</tr>
<tr>
<td># undergraduate scientists served</td>
<td>0</td>
<td>10</td>
</tr>
<tr>
<td># adult community served</td>
<td>462</td>
<td>958</td>
</tr>
<tr>
<td><strong>TOTAL OUTREACH IMPACT</strong></td>
<td>3,114</td>
<td>5,211 (63% loss)</td>
</tr>
</tbody>
</table>

Bold #'s are calculated in the total.

Above, Clarke County 4th grade students take part in the Conservation Fair in October 2019.

Left, prior to the cancellation of our spring programs on March 12, the entire first grade from Goshen Pass Elementary visited to learn about plants.
Grants and Fellowships


Publications


Students, faculty, and technicians pose for a photo following the 2019 Summer Research Forum.
Faculty, Staff, and Researchers

Faculty (July 2019-June 2020)

David Carr  Director
Steven Carroll  Director of Public Programs
Patrick Crumrine  REU Coordinator
Rebecca Forkner  REU Mentor
Kyle Haynes  Associate Director
Candace Lutzow-Felling  Director of Education: School Programs
Mary McKenna  REU Diversity and Inclusion Coordinator
T’ai Roulston  Curator

Kelsey Huelsemann  Graduate Researcher
Amy Hughes  Research Technician
Kate LeCroy  Graduate Researcher
Arquel Miller  Graduate Researcher
Alexandra Parisien  Graduate Researcher
Kate Ritzel  Graduate Researcher
Clare Rodenberg  Graduate Researcher
Kelsey Schoenemann  Graduate Researcher
Amber Slatosky  Graduate Researcher
Emily Spindler  Graduate Researcher
Emma Jean Wilkin  Watershed Education Intern

Staff (July 2019 – June 2020)

John Campbell  Custodial Service Coord. & Maintenance Tech.
Leah Chaldares  Environmental Educator
Robin Couch Cardillo  FOSA Director
Tim Farmer  Public Relations Coordinator
Emily Ford  Lead Environmental Educator
Brandon Fox  Buildings Assistant
Sabrina Hartley  Arboretum Specialist
Dennis Heffin  Buildings Superintendent
Ann Hirschy  Weekend Visitor Services Aide
Lillian Ledford  Environmental Educator
Jared Manzo  Arboretum Specialist
Donald (Mike) Marlow  Grounds Worker
Judy Masi  Program Finance & Administration Manager
Carol Melby  Administrative Specialist
Koy Mislowksy  Events & Volunteer Coordinator
Jack Monsted  Associate Curator, Native Plant Trail
Sue Ridley  FOSA Administrative Specialist
Chris Schmidt  Arborist
William Spinrad  Weekend Visitor Services Aide
Carrie Whitacre  Assistant Curator, Herbaceous Gardens
Robbin Winkler Arnold  Weekend Visitor Services Aide
Karen York  VNPS Office Manager
Chris Youngs  Grounds Coordinator

Kelsey Huelsemann  Graduate Researcher
Amy Hughes  Research Technician
Kate LeCroy  Graduate Researcher
Arquel Miller  Graduate Researcher
Alexandra Parisien  Graduate Researcher
Kate Ritzel  Graduate Researcher
Clare Rodenberg  Graduate Researcher
Kelsey Schoenemann  Graduate Researcher
Amber Slatosky  Graduate Researcher
Emily Spindler  Graduate Researcher
Emma Jean Wilkin  Watershed Education Intern

Visiting Faculty (Academic year 2019-20 & Summer 2020)

Harmony Dagleish  College of William and Mary
Bill McShea  Smithsonian Conservation Biology Institute
Melissa Zwick  Stockton University

Students and Visiting Researchers

(Academic year 2019-20 & Summer 2020)

Zoe Bergman  Graduate Researcher
Erica Collins  Research Technician
Elise Hefferman  Graduate Researcher
Melissa Hey  Graduate Researcher

Kelsey Huelsemann  Graduate Researcher
Amy Hughes  Research Technician
Kate LeCroy  Graduate Researcher
Arquel Miller  Graduate Researcher
Alexandra Parisien  Graduate Researcher
Kate Ritzel  Graduate Researcher
Clare Rodenberg  Graduate Researcher
Kelsey Schoenemann  Graduate Researcher
Amber Slatosky  Graduate Researcher
Emily Spindler  Graduate Researcher
Emma Jean Wilkin  Watershed Education Intern

FOSA Board of Directors

2019-2020

Officers

J. Stephen Bauserman, President
Josephine "Jolly" de Give, Vice President
J. Stephen Bauserman, Acting Treasurer
Heather Dudley, Secretary
Christine Perdue, Past President

Board of Directors

David Carr
Erae Eiten
Thom Flory
Susan Harris
Celi Harris
Frank "Fritz" Hartz
Kevin Hessberg
Scott Johnston
Michelle Morris Jones
G. Robert Lee
Karen McGlathery
Jay Monroe
Alex Newhart
Frederick "Fritz" Reuter II
Polly Rowley
Tracy Smith
Nancy Takahash
Elsie Wilson Thompson
Beatrice Von Gontard
Sandy Wilson

FOSA Director

Robin Couch Cardillo

Above, Madaris Serrano, a student from the University of Puerto Rico, leads summer campers as they study insects. Below, students use electronic scales to weigh plants in the Parkfield Learning Center.
Thank You to Our Donors!
July 1, 2019 through June 30, 2020

Ginkgo Guild
($5,000+)
Appreciation of Earth and Animal Foundation
Deborah and J. Stephen Bauserman
Kathy Clark and Jim Wyatt
Adam Foster
Luminescence Foundation, Inc.
H.O. Peet Foundation
Polly Rowley
Elsie Wilson Thompson
Beatrice von Gontard
Wise Foundation

Silverbell Circle
($2,500+)
Helen Clay Frick Foundation
Melissa Zwick and Patrick Crumrine

Blandy Society
($1,000+)
Sally Anderson and Richard Cooper
Christine and Frederick Andreae
William M. Backer Foundation
Katherine and Stuart Brown
Josephine de Give
The Andrew U. Ferrari Foundation
Thomas Flory
M. Tyson Gilpin, Jr.
Michael Goldfarb
Sandra and Theodore Guarriello
Celie and Jeffrey Harris
Kevin Hessberg
Christine Leatherman
Sue Kellon and G. Robert Lee
James Knowles
Judith Masi and David Carr
Mr. and Mrs. Robert Menuet

Unrestricted Giving
Alphabetical Order
Carol Abbott
Nancy and Gary Adams
Nancy Takahashi
George and Coco Talaferro
Verizon Foundation
Sylvia Wilson

Kiera O'Neil, a summer researcher from Washington and Jefferson College, leads a group of summer campers in the Parkfield Learning Center.
Two visitors walk their dog near Lake Georgette.