A Year of Creative Projects, Including the “Bee Wall”
A new structure blends art and science in a habitat for cavity-nesting bees and wasps. Located next to the Community Garden, the cob wall is made of clay, sand, straw, and water. Toronto artist Sarah Peebles designed the wall, which includes an observation port to view nesting bees and wasps. Here, State Arboretum Curator T’ai Roulston explains the project to Foundation of the State Arboretum board members and guests.
From the Director

The Year of the Tree
Or How a Handful of Seeds Became a Center for Environmental Research

By David Carr
Director, Blandy Experimental Farm

It was a busy, productive year at the State Arboretum of Virginia, with a great deal of effort focused on raising the profile of the tree collection. On Arbor Day in April 2019, the State Arboretum of Virginia proclaimed the Eastern Redbud the “State Arboretum’s Tree of the Year.” It was a new idea to highlight one of the wonderful native trees of Virginia and to remind everyone of our historic focus on trees.

In keeping with the theme, this summer, Caroline Bowman, our horticulture intern, logged GPS coordinates for 593 trees to include them in our online Arboretum mapping tool. This year, our Arboretum staff also added 105 new trees and shrubs to the collection.

We once again welcomed Virginia Big Trees to measure our largest specimens as contenders for the Virginia’s Champion Trees register. (We’re pleased to say the State Arboretum is home to 16 state champions, sized by circumference, height, and average crown spread, including the Table Mountain Pine, Arizona Cypress, and Japanese Umbrella Pine). And our beautiful and popular Ginkgo Grove did not disappoint as its brilliant golden colors again attracted thousands of visitors in the fall – some of whom were making their first trip to the Arboretum.

Surprisingly, in retrospect, there is nothing in Graham Blandy’s 1926 bequest to the University of Virginia to suggest that Blandy Experimental Farm would host the State Arboretum of Virginia. That was not the plan. I doubt that it was the plan when Blandy’s first Director, Dr. Orland E. White, accessioned his first tree here (a pawpaw from seeds received in 1926, for those who are curious). He was building a research collection, but he arrived at the University of Virginia from the Brooklyn Botanic Garden. He undoubtedly had a sense of how to put together an arboretum. His collection had design and purpose. The trees were arranged in family groups – the conifers (Pinaceae), the oaks and beeches (Fagaceae), the maples (Aceraceae), and so on. The family groups were arranged in the same way that an herbarium was arranged in that day – by the Engler-Prantl system.

The collection started with the most primitive families and proceeded through what were regarded as increasingly more advanced families. In arranging this system, he took advantage of the local topography and the view to the east of the Blue Ridge Mountains to create something on the landscape that inspired.

When Dr. White retired in 1955, the University honored him by formally naming his collection – a professional labor of 28 years – the Orland E. White Arboretum. It was still not the State Arboretum, however. In fact, Blandy and the Orland E. White Arboretum went through a period of relative neglect after the retirement of Blandy’s second Director, Dr. Ralph Singleton, in 1965. It stayed in that state for over a decade.

In the early 1980s, Blandy began a rebirth. Dr. Ed Connor of the Department of Environmental Sciences proposed using Blandy as an ecological field station in 1982, and an organization called “The Friends of Blandy” incorporated as a nonprofit organization in 1984 “for the promotion of research, education, and community service.” The Friends of Blandy worked to make the Orland E. White Arboretum a more valuable public resource, and to this end, persuaded the Virginia General Assembly to designate it as the State Arboretum of Virginia in 1986. In 1997, the Friends of Blandy formally became the Foundation we know today.

The State Arboretum of Virginia now includes over 5,000 trees and shrubs spread over 172 of Blandy’s 700 acres. The collection includes over 1,000 species and varieties. The most distinctive parts of the Arboretum still date to the Orland White era. These include the magnificent conifer collection that greets you as you pass through the archway, the Cedar of Lebanon Allee along Tuleyries Lane, and our famous Ginkgo Grove, mentioned earlier, that bursts into a golden glow to mark the end of every autumn.

The 33 years as the State Arboretum of Virginia has allowed us to build on Orland White’s legacy and transform Blandy into the environmental research and education center that it is today. The designation as the State Arboretum shifted the curation focus to plants native to Virginia. The Native Plant Trail began development in the mid 1990s to highlight the Commonwealth’s rich diversity of trees. The designation has also let us employ professional staff to care for the trees and the grounds. The designation has enabled us to build outstanding K-12 and public programs that use the collection in many educational ways.

We may not have been the State Arboretum by design, but the vision of what Blandy could become guided us to where we are today. Generations of committed leaders have imagined what might be possible and worked to make that a reality. Each has passed the torch to the leaders of the future. The constant through our history has been the trees.
**Blandy Experimental Farm**

**Faculty July 2018-June 2019**

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  
Minority Outreach Coordinator

T’ai Roulston  
Curator

**Visiting Faculty**

Howard Epstein  
University of Virginia

Harmony Dagleish  
College of William and Mary

Jose Fuentes  
Penn State

Daniel Hanley  
Long Island University

Richard Karban  
UC Davis

Abigail Kula  
Mount St. Mary’s University

Robert Kula  
USDA-ARS

Bill McShea  
Smithsonian Conservation Biology Institute

Laurel Rodgers  
Shenandoah University

Adam Smith  
George Washington University

John Steffan  
Shepherd University

Anne Wright  
Virginia Commonwealth University

Louie Yang  
UC Davis

Melissa Zwick  
Stockton University

**Staff (July 2018 – June 2019)**

Robin Arnold  
Administrative Specialist

John Campbell  
Custodial Service Coord. & Maintenance Technician

Robin Couch Cardillo  
FOSA Director

Leah Chaldares  
Environmental Educator

Tim Farmer  
Public Relations Coordinator

Robert Fawcett  
Grounds Coordinator

Emily Ford  
Lead Environmental Educator

Brandon Fox  
Buildings Assistant

Sabrina Hartley  
Arboretum Specialist

Dennis Heflin  
Buildings Superintendent

Ann Hirschy  
Weekend Visitor Services Aide

Lillian Ledford  
Environmental Educator

Jared Manzo  
Arboretum Specialist

Donald (Mike) Marlow  
Grounds Worker

Judy Masi  
Business Administrator

Carol Melby  
Administrative Specialist

Koy Mislowsky  
Events & Volunteer Coordinator

Jack Monster  
Assistant Curator, Native Plant Trail

Chris Schmidt  
Arborist

William Spinrad  
Weekend Visitor Services Aide

**2019 At a Glance**

- **16** Number of Virginia State Champion trees in the Arboretum collection.
- **7,974** Number of students, teachers, undergraduates, and adults in 13 school divisions served by Blandy’s education program.
- **1,375** Number of people who signed up for a walk, talk or program at Blandy.
- **$243,343** Value of grants, awards, and fellowships received.

**Annual Report • FY2019 • Blandy Experimental Farm and the Foundation of the State Arboretum**

**Beginning Balance**

$1,079,548.83

**Income**

- Revenue: $32,852.08
- FOSA Support: $197,556.41
- Gifts: $57,313.02
- Reimbursements: $24,980.73
- Grants: $374,955.00
- Endowment Distribution: $1,399,615.68
- State Support: $304,927.00
- Interest: $1,177.04
- UVA Support: $271,447.96
- Transfers: ($50,000.00)*

**Total Income**

$2,614,824.92

**Expenses**

- Salaries & Wages: $1,616,723.93
- Student Support: $237,855.25
- Teacher Support: $16,200.00
- Supplies & Services: $259,681.68
- Travel & Prof. Dev.: $61,949.36
- Print & Publication: $5,114.49
- Communications: $21,473.37
- Utilities: $69,944.98
- Equipment: $65,817.68
- Insurance: $2,314.38
- eVA Fees: $2,012.83
- Transfers/Other: ($8,646.00)
- F&A Costs: $27,927.04

**Total Expenses**

$2,380,168.99

**Ending Balance**

$1,314,204.76

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)


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Emma Grover, an REU student from South Carolina, samples aquatic life in Lake Georgette.
From the President

FOSA: Revitalizing and Ready To Grow

By Steve Bauserman  
FOSA President

Looking back on the past year, the Foundation of the State Arboretum has made many exciting changes. I know this report is for a fiscal year, but forgive me if I slip into the next fiscal year as I share our ongoing projects.

With any organization, significant personnel changes can bring not only uncertainty but also an opportunity for reflection and improvement on goals and objectives. Last year, I explained that long-time director Martha Bjelland retired and, midway through the fiscal year, we hired Robin Couch Cardillo. This past summer, Anne Heacock, FOSA’s treasurer and paid CPA, moved to Richmond and resigned her positions. With no reflection on the jobs and commitments these individuals performed for FOSA, the officers and board took the opportunity to review procedures and goals and rededicate ourselves to the mission of supporting the State Arboretum and the educational efforts of Blandy for students and the public. Sometimes it is helpful to periodically review how we do things simply to confirm we are on track, or that we need to change course.

Robin, a director with prior non-profit experience and familiarity with Blandy, has been an energizer for exploring new ideas to increase membership, FOSA income, and educational opportunities for our members, the public, and students. Last year, I mentioned our major undertaking to repurpose the extremely small gift shop into the hub of an information/educational outreach center on campus. While this idea started a couple of years ago, this past year has seen a concerted effort to move the project forward. We have been working with the virtual reality team at Shenandoah University with the objective of providing a modern, up-to-date, and dynamic center featuring an interactive information wall, as well as a low-tech tactile display for children. Lots more needs to be finalized, but the objective is to have a compact, yet highly flexible center that is user-friendly to folks of various levels of technology expertise and easily upgradable as technology changes.

Losing the income from the shop as well as our decision to replace a declining fall ArborFest with the new Nature Nurtures fundraising event have had the obvious negative impact on our ability to meet our financial obligations to Blandy and our mission. In looking more closely at finances, we recognized our membership categories, both the level of benefits and the costs, needed updating. We believe they are now competitive with similar organizations and better reward our members.

We are fortunate to have outside contributions for funding certain activities, such as the 2019 sponsorship of Caroline Bowman by the Fauquier and Loudoun Garden Clubs as a Public Gardens Intern. Bowman is an undergraduate at Virginia Tech. Additionally, the James R. Wilkins Charitable Trust graciously continues its annual commitment to sponsor two local high school students – this year, Laurel Tucker from John Handley High School and Cyle DeHaven from James Wood High School – to work with the REU summer college students and faculty at Blandy. And FOSA continued to fund one graduate-level researcher at Blandy, with the help of the Luminescence Foundation.

Other events we’re excited about include our first Tree of the Year award. As the State Arboretum of Virginia, we felt it only fitting to promote one of our native trees. On Arbor Day 2019, we named the Eastern Red Bud as the Arboretum’s inaugural Tree of the Year. A relatively small tree, the Eastern Red Bud makes a spectacular statement each spring with its early, easily identified blossoms. If you are doing landscaping, give this tree a good look.

We also welcomed several new board members, voting them in at our June Annual Meeting and preparing them to assume their roles in July: Thom Flory (who grew up on Blandy farm), Celie Harris, Alex Newhart, and Tracy Smith. Each has joined FOSA committees and is already contributing to moving us forward.

We honored Neil Myers as our Volunteer of the Year and recognized our other volunteers for their tireless donation of time to our mission (which, by the way, Virginia values at over $50,000 for the year). Well done to all!

Please See Page 11
Foundation of the State Arboretum

<table>
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<td>Total Net Assets</td>
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<td>Total Liabilities and Net Assets</td>
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This summary is based on the Foundation’s audited financial statements, which are available upon request.

Officers
J. Stephen Bauserman  
President
Elsie Wilson Thompson  
Vice President
Anne H. Heacock  
Treasurer
Mary Olien  
Secretary
Christine Perdue  
Immediate Past President

Foundation of the State Arboretum
Board of Directors
July 1, 2018-June 30, 2019 (End of term in parentheses)

David Carr  
(ex officio)
Josephine “Jolly” de Give (6/30/20)
Heather Dudley (6/30/21)
Karla Etten (6/30/20)
Christie Green (6/30/19)
Susan Harris (ex officio)
Frank “Hank” Hartz (6/30/20)
Kevin Hessberg (6/30/21)
Scott Johnston (6/30/20)
Michelle Morris Jones (6/30/21)
G. Robert Lee (6/30/20)
Karen McGlathery  
(ex officio)
Jonathan “Jay” Monroe (6/30/21)
Chris Oldham (6/30/19)
Frederick “Fritz” Reuter III (6/30/21)
Polly Rowley (6/30/22)
Roma Sherman (6/30/19)
Marianne Stanley (6/30/20)
Nancy Takahashi (6/30/22)
Sandy Wilson (6/30/21)

Board members are elected for three-year terms, and each may serve two consecutive terms. The Board also includes the following ex officio members: the Director of Blandy Experimental Farm and two representatives appointed by the University of Virginia. The Board of Directors elects officers annually, and the term of office is one year.
Thank You to Our Donors!
July 1, 2018 through June 30, 2019

Ginkgo Guild
($5,000+ Unrestricted Giving)
Appreciation of Earth and Animal Foundation
Botanical Artists for Education and the Environment
Luminescence Foundation, Inc.
Elsie Wilson Thompson
Wise Foundation

Blandy Society
($1,000+ Unrestricted Giving)
William M. Backer Foundation
Deborah and J. Stephen Bauserman
Peter Bullough
Jack and Page Carter Fund of the Community Foundation of the Northern Shenandoah Valley
Kathy Clark and Jim Wyatt
Andrew U. Ferrari Foundation
Thomas R. Flory
Michael Goldfarb
Sandra and Theodore Guarriello
Anne H. Heacock
Josephine “Jolly” de Give
Sue Kellon and G. Robert Lee
Mildred Koehler
Christine Perdue and Turner Smith
Pettit-Wilson Family Foundation of the Community Foundation of the Loudoun and Northern Fauquier Counties
Dr. Catherine Reed
Jennifer Riley and Michael Oak
Patricia Robinson
Polly Rowley
Roma and John Sherman
Mrs. Harrison Symmes
Nancy Takahashi
Laurie Volk
Beatrice von Gontard
Melissa Zwick and Patrick Crumrine

Unrestricted Giving
Alphabetical Order
Judy and Roger Aaron
Nancy and Gary Adams
Barbara and Joseph Alderman
Loretta Allison

The iconic view through the Quarters Archway is always stunning

David Carr and Judith Masi
Judith and Brawner Cates
Chapel Square Garden Club
Robert Claytor
Charlotte Connell
Anne Crocker
Dana Crone
Marcia Cunningham
Theresa and Jerome Dabrowski
Erin Dale
Philip Daley
Annette Doktor
Stefan Donner
Donna and Bruce Downing
David and Eda Doyle
Craig DuBois
Janice Duncan
Leslie Durham
Lorraine Edwards
Barbara Eliades
Janet Eltinge and E.H. Van Wyck
ExxonMobil Foundation, Inc.
B.J. Fawcett
Phyllis and Fred Fevrier
Shirley Gaunt
Kathryn Gilliam
Dr. and Mrs. John Goodloe
Sandra Graham
G.L. Gramprie
Ruth Gross
Elaine Dennison and Ronald Gustafson
Julia and Russ Harper
Susan Harris and Russell Gallop
Natalie Henry
Susan Heytler
Margaret Hoffman
Drs. Mary and James Holland
Joan Hope
Joya and James Hricko
Jill and Joshua Hummer
Linda and Rob Humphrey
IAI, LLC
IBM
Elizabeth and Neil Johnson
Richard Johnson
Jane Johnston
Susan Johnston
Rita Jurek
Virginia and Joseph Kalbach
Sigrid Kilcullen
Diana and Kelly Kincannon
Pam Klein
Cyrus and Amy Kump
Catherine Larmore

Sally Anderson and Richard Cooper
Christine Anderson
MJ Anthony
Ayr Hill Garden Club
Sandra Bailey
Kathryn Baker
Larry Baker
Robert Ballard
Bank of Clarke County
Liz Barratt-Brown and Bos Dewey
Dr. and Mrs. Alessandro Basso
Beautification of Front Royal Committee
The Benevity Community Impact Fund
Angie Snell Bennett
Leron Bielak and Raymond Egli-Bielak
George Ann Birkhofer
Ron and Martha Bjelland
The Blandy Sketch Group
Kathy and Keith Boi
Inage Braune
Debra Brown
Katharine and Stuart Brown
Nancy and Randy Bryant
Sylvia and James Buchanan
The Buckley Family Endowment, Inc.
Loretta and James Bullock
Joseph Burns
Jeff Burridge and Donald Poppke
Robert Calhoun
Students in Blandy Summer Nature Camp learn about turtles.

Blair and Robert Lawrence
Kathryn LeCroy
Jennifer Lee
Alice and Richard Lloyd
Marion Lobstein
Karen Reed Lowe
Lucketts Antique Fair
Meridith and Justin Mackay-Smith
Anne Macon
Susan Burns Malcolm
Winslow McCagg
McGriff Insurance Services
Judy and Neal McKinley
Candy and Howard Means Family Fund
Janel and Thomas Melgaard
Mr. and Mrs. Robert Menuet
Susan and Joe Metz
Doris Michael
Teresa and Randy Minchew
Darlene Minor
Craig Miron
Clair B. Mitchell
Ariel Mixon
Lynn and Robert Mobley
Jonathan Monroe
Ellen Morgan
Norman Morrison
Gordon Myers
Network for Good
Karen Newlun
Deb and David Norman
Dr. Victoria Norwood and Kathryn Kahler, MSN, the Catalysis Fund of the Community Foundation of Charlottesville Area

Regina O'Brien
Kimberly and Michael O'Donnell
George Ohrstrom II
Natalia Ossinova
Don and Amy Owen Charitable Fund of the Community Foundation for Loudoun and Northern Fauquier Counties
Mary and Aubrey Owen
Bill and Rebecca Parkin
Barbara Payne-Booze
Peace & Quiet Farm
Joanna Petty
Andrew Platt
Ernest Polanksas
Shirley Pomeroy
Karen and Tom Pugsley
Richard Raspet
Reading Landscapes, Inc.
Lynn and Tim Reed
Kevin Reid
Donna Richardson
Robert Richardson
Mary and James Riley
Mary and James Ruos
Mr. and Mrs. William Scholten
Beverly Sears
Rosslyn and Larry Selzer
Susan Sharpe
Shenandoah Sanitary Supply
Shenandoah Valley Westminster-Canterbury
Laurel Sherman
Jone Shilliday and Tim Kirk
Louise Sinclaire
Janet Slonker

Mary and Nicholas Smart
Kaye and Gerald Smith Family Fund of the Community Foundation of Harrisonburg and Rockingham County
Stacey Sperow
John Staelin and Elizabeth Locke
Marianne Stanley
Sidney Stern
Robert Stieg
McHenry Mac Stiff
Joanna Taylor
Alison Teeter
TIAA Charitable
Margaret Tipton
Mary Triplett
Scott Truax
Laurel Tschirgi and Mark Schroeder
Helen and Gerald Turner
Kathryn and Charles Uphaus
Victoria & Bob Deppensmith
Jessica and Nicholas Viscuso
Deborah Vogel
Anne Watkins
Mischele Way
Robert Wever and Charlotte Casey
Whitestone Farm LLC
Michael Wildasin
Matthew Wills
Mr. and Mrs. Orme Wilson III
Winchester-Clarke Garden Club
Carol Woodbeck
Rene Woolcott
Teresa Yancey Crane

Unrestricted Honorary/Memorials

In Honor of Steve Bauserman
Donna and Bruce Downing

In Honor of Steve Carroll
Garden Club of Warren County
Glen Burnie Garden Club
Loudoun County Master Gardeners
Goose Creek Herb Guild

In Memory of David Hargrove
Richard Raspert

In Memory of Bill Jones
B.J. Fawcett
Continued from Page 7

In Memory of Gorden Hosmer MacDougall
Barbara Eliades

In Memory of Matthew Mackay-Smith
Donna and Bruce Downing

In Memory of Andy Miller
Janel and Thomas Melgaard

In Memory of Jessica Orozco, REU Class of 2011
Kate LeCroy

In Honor of Stephen Pope's Dog, Blake
Victoria and Bob Deppensmith

In Honor of Kurt Prister
Julia and Russ Harper

In Memory of Tona Renforth Bays
Chrissie and Ronald Beck

In Honor of Tressa Reuling
Winchester-Clarke Garden Club

In Honor of Harriet Seveke
Sue and Joe Metz

In Honor of Kim Strader
Donna and Bruce Downing

In Memory of Joan Symmes
Kathy Clark and Jim Wyatt
Eda and David Doyle
Shirley Gaunt
Mary and Aubrey Owen
Beverly Sears
Louise Sinclaire
Janet Slonaker

In Honor of Carrie Whitacre
Goose Creek Herb Guild

Summer Nature Camps
American Woodmark Foundation
Greenway Garden Club
Town and Country Garden Club (Virginia)
Virginia Native Plant Society, Piedmont Chapter
Winchester-Clarke Garden Club

Restricted Gifts

Equestrian Trail
In Memory of Melanie Stiers
Drs. Sarah and David McLellan
Peace & Quiet Farm
Anne Watkins
Sylvia Wilson

Honorary/Memorial Benches
In Memory of George Vasjuta
Susanne Vasjuta

Honorary/Memorial Trees
In Memory of William Hines and Judith Randal
Judith Randal Hines

In Memory of Kenlyanne White
Julie Dodson

Endowment
Permanent Endowment
In Memory of Joan Symmes
Kathy Clark and Jim Wyatt

In Honor of Jim Wyatt
Cynthia Wyatt

Gift In Kind
Chuck Ashcroft
Sue Balc
Kathy Clark and Jim Wyatt
Mrs. H. Hugh Heclo
Linda and Rob Humphrey
iHeart Media
Panera Bread
Purple Fern Photography
Sweet Tooth Bakery
The Virginia Farm Market
Sharon Winstead

FOSA sincerely attempts to acknowledge all gifts received. Though we appreciate any size donation, those under $15 are not printed to conserve paper (and our trees). We regret any errors or omissions in compiling this donor list.
Grants, Awards, and Fellowships


Lutzow-Felling, C. National Oceanic and Atmospheric Administration, Chesapeake Bay Watershed Education and Training Program, Developing environmental literacy through systemic, vertically aligned, integrated curricula, grades K-12, $113,512.

Lutzow-Felling, C. Earth Force, Inc., $5,000. Alliance to Advance Student Action Projects.

Parisien, A. 2019. University of Virginia, Department of Environmental Science, Moore Award, $5,000.

Rodenberg, C. 2019. University of Virginia, Department of Environmental Science, Exploratory Research Award, $1,300.

Publications


Blandy’s Education Team Expands its Programming

A Watershed Moment
New Partnership Immerses Students in Watershed
By Candace Lutzw-Felling
Director of Education

We had another wonderful and busy year engaging preschool through high school students in outdoor investigations at the State Arboretum. Over 6,000 students learned about plants and their pollinators; dug into soil and examined rocks; studied bird, insect, reptile, and mammal adaptations and searched the Arboretum for evidence of these creatures. Others were immersed in scientific investigations focused on our wetlands, succession fields, woodlands, and meadow ecosystems. The expertise of our education instructors and alignment of our programs with state learning objectives, in addition to the diverse, safe learning environment, are the main reasons why teachers bring their students to the Arboretum for our education programs.

This year, we also began a three-year partnership with Clarke County Public Schools training elementary, middle, and high school teachers in watershed education and working in collaboration with them to create multi-disciplinary curricular units focused on our local and regional watersheds. This ambitious project is funded through the National Oceanic and Atmospheric Administration Bay Watershed and Education Program (NOAA B-WET). During the 2018-19 school year, Blandy educators, in partnership with Clarke County teachers, taught 12 watershed-based programs at Blandy to 677 Clarke County grade 4 through high school students. To prepare teachers for the school year, Blandy and Clarke county education leaders designed and provided 86 hours of instruction during 23 professional development sessions offered throughout the school year. One of these was a three-day intensive watershed institute held at UVA’s Anheuser-Busch Ecological Research station on the Eastern Shore. Teachers explored Chesapeake Bay wetland and coastal strand habitats, collected soil and water samples to analyze in the research station’s lab, and experienced the unique culture and agricultural economy of the Eastern Shore Bay area.

Audiences served by Blandy’s Education Program (July 1, 2018 through June 30, 2019)

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<td>319</td>
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<tr>
<td>Chaperones attending</td>
<td>1,276</td>
</tr>
<tr>
<td>School Divisions Served</td>
<td>13</td>
</tr>
<tr>
<td>Schools Served</td>
<td>85</td>
</tr>
<tr>
<td>Public School</td>
<td>46</td>
</tr>
<tr>
<td>Private School</td>
<td>18</td>
</tr>
<tr>
<td>Home School</td>
<td>5</td>
</tr>
<tr>
<td>Science Fairs Judged</td>
<td>2</td>
</tr>
<tr>
<td>Students Judged</td>
<td>35</td>
</tr>
<tr>
<td>Other Outreach Events</td>
<td>155</td>
</tr>
<tr>
<td><strong>Professional Development &amp; Adult Programs</strong></td>
<td></td>
</tr>
<tr>
<td>Teacher Professional Development, # attending</td>
<td>205</td>
</tr>
<tr>
<td>Scientist Professional Development, # attending</td>
<td>10</td>
</tr>
<tr>
<td>Adult Community Outreach, # attending (presentations &amp; classes)</td>
<td>128</td>
</tr>
<tr>
<td><strong>Outreach Summary</strong></td>
<td></td>
</tr>
<tr>
<td># students served</td>
<td>6,036</td>
</tr>
<tr>
<td># teachers served</td>
<td>524</td>
</tr>
<tr>
<td># undergraduates served</td>
<td>10</td>
</tr>
<tr>
<td># adult community served</td>
<td>1,404</td>
</tr>
<tr>
<td><strong>TOTAL OUTREACH IMPACT (# served)</strong></td>
<td>7,974</td>
</tr>
</tbody>
</table>

Bold #’s calculated in the total
A Busy Year for Public Programs, With One Very Big Change

Approximately 1,375 people attended more than three dozen public programs last fiscal year, including 32 campers in three Summer Nature Camps for children. Holiday Workshops attracted 74 people to make wreaths and holiday decorations in 2018.

But the most significant number of all was 12, the number of years Public Programs Director Steve Carroll had under his belt when he retired from Blandy this past fall. Steve led many walks, talks, and programs and fostered partnerships with numerous other organizations. He created the Blandy Community Garden and initiated a series of informal gatherings called Science Cafés. Steve was instrumental in establishing Blandy’s walking trails and improving interpretation of the chestnut collection. He also started the Blandy Book Club.

Steve’s contributions can be seen throughout the grounds, from the Little Free Library at the main parking area to the interpretive signs along Wilkins Lane Loop Drive. His work will carry on long after his very well-deserved retirement.

From the President

Continued from Page 4

Sadly, this year we lost another long-time volunteer, Sam Adams. Sam, among other roles, was the primary bushhog operator at Blandy, expertly keeping the miles of trails open and, as an aside, reporting to Arboretum Curator T’ai Roulston the number of monarch butterflies spotted while mowing.

To honor Sam’s commitment to the Arboretum, we are focusing on a memorial project that involves the buckeye tree. According to his wife, Susie, this tree was his favorite.

I would be remiss if I did not thank Steve Carroll for all he has done for Blandy as Public Programs Director. Steve retired this fall after 12 years at Blandy, constantly providing quality programs and instruction on a wide variety of subjects. He even found time to create the community gardens at Blandy. Well done, Steve. We’ll all miss you and hope you come back to visit.

Finally, we are in the process of developing a comprehensive five-year cash flow projection so we can closely follow our income and spending trajectories to ensure we are able to meet our spending needs in the future.

Your continued help in this area is critical as we identify our most important projects to fund and at the same time maintain a tight rein on expenses.

Once again, it has been an honor to serve as FOSA’s President for 2018-2019. As I enter my final year in this role, I want to thank you for continuing to be involved with FOSA, the State Arboretum of Virginia, and Blandy Experimental Farm. You truly are the inspiration that allows us to take on new environmental education and research challenges, putting nature first every day.

J. Stephen Brannon

High School Interns Rewarded with Summer Experience

Two high school students were able to take on internship positions at Blandy this summer, thanks to the generosity of the James R. Wilkins Charitable Trust. Laurel Tucker, from John Handley High School, and Cyle DeHaven, from James Wood High School, played an active role in Blandy’s summer research program.
Staff and Students
(Continued from Page 3)
Kim Strader Assistant Curator, Native Plant Trail
Carrie Whitacre Assistant Curator, Herbaceous Gardens
Robbin Winkler Arnold Weekend Visitor Services Aide
Karen York VNPS Office Manager
Chris Youngs Grounds Coordinator

Students and Visiting Researchers
(Academic year 2018-2019 & Summer 2019)
Zoe Bergman Graduate Researcher
Caroline Bowman Horticultural Intern
Ross Brown Undergraduate Researcher
Drew Buckley Undergraduate Researcher
Cyle DeHaven High School Intern
Margaret Donnan Research Technician
Shalom Entner REU
Stephanie Gastelum REU
Emma Grover REU
David Grow Graduate Researcher
Nichole Gustafson Graduate Researcher
Kristian Harris Undergraduate Researcher

Melissa Hey Graduate Researcher
Kelsey Huelsmann Graduate Researcher
David Lambrecht Graduate Researcher
Kate Lecroy Graduate Researcher
Dawson Little Graduate Researcher
Valerie Martin Graduate Researcher
Joe Milligan Graduate Researcher
Kiera ONeil Graduate Researcher
Alexandra Parisien Graduate Researcher
Jason Robinson Graduate Researcher
Clare Rodenberg Graduate Researcher
Olivia Ruffins Graduate Researcher
Ezekiel Sandor Research Technician
Laura Schammel REU
Cyrene Schweitzer Graduate Researcher
Madaris Serrano Perez REU
Amber Slatosky REU
Emily Spindler REU
Laurel Tucker REU
Adalberto Ubinas REU
Monica Velasco REU
Emma Jeanne Wilkin REU
Benjamin Wolf REU

Ten undergraduates from six states plus Puerto Rico spent their summer at Blandy conducting mentored research in the Research Experience for Undergraduates (REU) program, which is supported by the National Science Foundation.