

CHAIRPERSON

Jay Martin

TREASURER

Chris Fincher

SECRETARY

Holley Owings

BOARD MEMBERS

Dayna Babb
Scott Carlson
Brian Gray
Linda Hannon
Keith Jones
Allison Mertens
Julian Nixon
Ken Seay
Jonathan Simmons
Josh Smith
Frank Stern
Allison Tucker
Leslie Waltz
Stuart Wyeth

FOUNDING BOARD MEMBER

Anna Kate Hipp

EXECUTIVE DIRECTOR

Joelle Teachey

STAFF

Kylie Stackis Aaron Davis Evangeline Costa Kristopher Johnston Kelly Byard

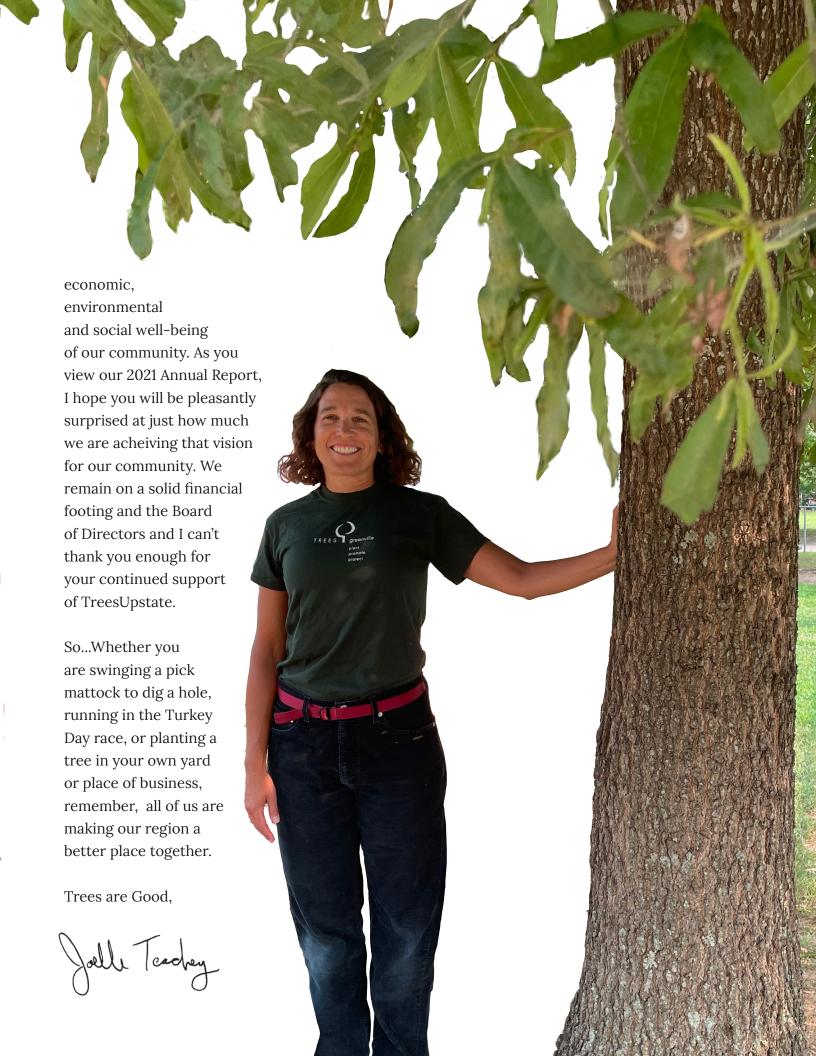
T'm often asked, "What do you enjoy most about your job?" After **▲** 14 years as the Executive Director of TreesUpstate, it's not an easy question. I've planted trees with thousands of committed volunteers. The memories shared with board members and donors over the years have been priceless. And how can you not love the largest race in the Upstate, the TreesUpstate Turkey Day 8k and 5k!? And still, the answer is a no-brainer. I LOVE seeing the trees we planted years ago now all grown up. That's me on the left and the right. Same shirt – same tree 12 years later. This particular oak was planted as part of our NeighborWoods program in 2009. Working with the Greenville County Redevelopment Authority we helped transform the neighborhood of Freetown into a place with safer streets, a shaded children's park, and beautiful trees in front yards. I've even had the opportunity this past year to meet with several of our supporters under this tree to discuss the bright future of our organization.

Like this tree, TreesUpstate has grown by shoots and branches. In December we received an environmental justice grant of \$100,000 from Target through The Arbor Day Foundation to support community engagement and address inequities in our tree canopy. We've also gone from serving just Greenville County to now planting trees in Anderson, Greenville, Pickens,



Oconee, and Spartanburg Counties. We continue to partner with The Noble Tree Foundation, a nonprofit organization started by the legendary Roger Milliken, to plant 1,000 trees at Spartanburg County Schools. And Duke Energy and other organizations are making it possible for us get thousands of trees planted in resident's yards to both benefit the environment and help save money on electric bills.

Our vision is an equitable and sustainable urban forest that enhances the aesthetic,







Remember that special tree? The one that comes to mind when you pause and think about the word "tree." Perhaps it is your favorite tree because of its beauty. More than likely, however, it's more than that. It may not even be a particularly shapely tree. It's your favorite because of the memories. A wedding, a grandparent, a

rope swing, a shady place to have a picnic...these are the specific reasons you love that tree. But it's not just about us individually. Trees improve the quality of life for all of the community.

As a tree organization we are always thinking about trees and their many environmental, aesthetic, social, health, and economic benefits. But for many reasons, 2021 was different. The pandemic separated us from each other and gave us an opportunity to be closer to the trees around us. Maybe it was a safe place to mourn for the loss of a loved one. Or to write a poem, or a much needed chance to get out of the house. Maybe we fell in love with trees all over again.

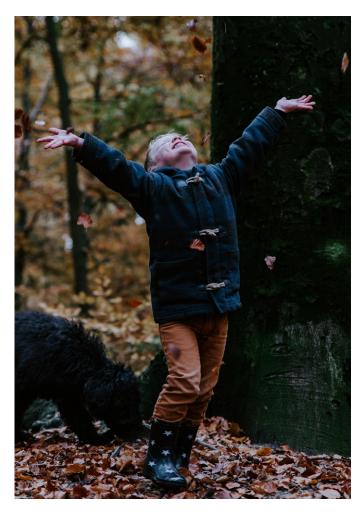
However, the reality is that not everyone got closer to trees. For the past ten years our five county region of Anderson, Greenville, Oconee, Pickens, and Spartanburg has lost more canopy than we've replaced. Many children live in places and situations where large mature trees aren't a part of daily life. There are less and less mature trees on city streets and in front yards. There is a noticeable correlation between income level and less tree canopy but not even the most affluent areas are escaping the aging out of mighty oaks. In urban environments topsoil has often been removed, the soil lacks key nutrients and organic matter, overhead utilities must be kept clear for safety and reliability, and underground utilities make finding space an additional challenge. Despite these challenges it's a fact that greener neighborhoods improve public and mental health, have less crime, quicker health recoveries, less stress, decreased stormwater, and instill pride in the community. These are some of the reasons our work is more important than ever. And here's a month-to-month guide on how we met these challenges in 2021 head on.

January

Executive Director Joelle Teachey was featured in The Greenville News on January 6th. "We're planting trees and I can see the impact," she says. "It's instant gratification. I enjoy the work. I enjoy the mission. I'm passionate about trees. I'm passionate about what we do." In fact, TreesUpstate was in the local news quite a bit in 2021.

February

In partnership with the Noble Tree Foundation we planted trees with students in schools across

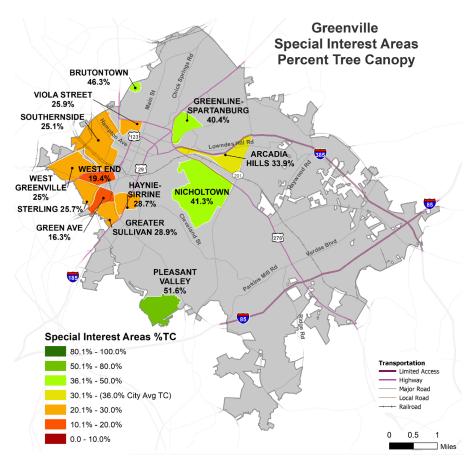


Continued on page 5...

Spartanburg County including Roebuck Elementary and Pauline-Glenn Springs Elementary. Since 2005, TreesUpstate has planted trees with over 11,000 students. We did 38 tree planting projects with 946 volunteers in 2021.

March

TreesUpstate reached a big milestone in March with 10,000 trees planted and 10,000 trees given away for a total of 20,000 trees. We were also featured nationally by The Lions Club International for a tree



planting with the The Blue Ridge, Greer Centennial, and Taylors Lions Clubs. We love milestones and are doing everything we can—including buying quality nursery stock and following best management practices—to ensure that every tree we plant lives at least to the centurion milestone of 100-years-old.

april

The City of Greenville announces the #PlantGVL campaign to reach 40% tree canopy by the year 2040. We partnered with the city, the Green Infrastructure Center, and South Carolina Forestry Commission on canopy mapping and the launch of a tree planting campaign. It was found that the city currently has 36% tree canopy. The maps also give information on tree cover near bus stops, trails, and roads.

May

TreesUpstate, Bike Walk Greenville, and the Greater Greenville Parks Foundation launched a joint initiative called Shade the Rabbit to plant and maintain an additional 125 trees along the Prisma Health Swamp Rabbit Trail. TreesUpstate had already planted 561 trees on the trail which we also water and maintain through money raised from individual donors and corporate partners.

June

Joelle Teachey becomes chair of the Technical Advisory Committee for PowerPlantSC, an initiative of the South Carolina Floodwater Commission. This has helped us bring TreesUpstate's model to the rest of South Carolina, including tree giveaways in areas that were damaged by

flooding. The Governor is committed to planting 10 million trees in 10 years in South Carolina, and because of TreesUpstate's successful model we can make sure that new trees have a better chance of survival and are planted in places that have the most impact on stormwater reduction.

July

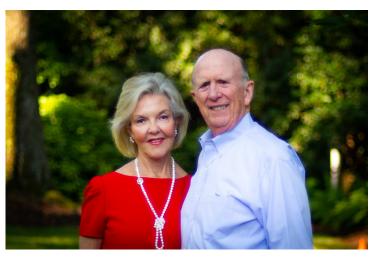
During the hot summer months our forestry team works with two different trucks, 300 gallon water tanks, trailers, a tool storage trailer with hundreds of tools, and groups of committed volunteers to mulch, prune, and water trees that we have planted. One of the biggest benefits of trees is the shade that they give us. It only takes 20 minutes to get a sunburn in full sun. With a fully shaded trail it takes around 100 minutes to get a sunburn.

August

Our Program Director Kylie Stackis leads Tree ID walks for the community. This year we did walks across the Upstate including Furman, Wildcat Falls, Cleveland Park, and Cedar Falls Park. Kylie knows her trees!

September

David and Susan Wilkins become the inaugural chairpersons of our Red Maple Donor Society and thanks to their leadership we've already seen an immediate growth in the number of members.



Susan and David Wilkins

Why Trees?



Children learn more when they interact with surrounding green spaces, especially at schools. A walk in a park is equal to two typical medications for children with attention deficit disorders. Children in green spaces have lower obesity, better eyesight, and less asthma. Just by having a tree that can be seen by children through a school window improves learning scores.







October

The Shade the Rabbit campaign raised over \$80,000 through corporate sponsorships and individual donations. Lt. Governor Pamela Evette (above, left) helped plant the first of 125 new trees on the Prisma Health Swamp Rabbit Trail. The Shade the Rabbit campaign was a joint effort by Bike Walk Greenville, Greater Greenville Parks Foundation, Staytion at TR, and TreesUpstate to plant more trees on the trail. With over half-a-million trail users each year, this will help bring more healthy tree canopy on the trail and additional socioeconomic benefits over the next 100 years. That same morning, Joelle also took viewers through a 7 segment tree planting with Christine Scarpelli for the Channel 7 morning show.



Shade the Rabbit





TURKEY DAY 8K & 5K FACTS

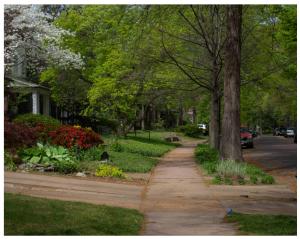
Largest Race in the Upstate: 5,000 + participants
Top Male 8K Time: James Quattlebaum @ 24:07
Top Female 8K Time: Alyssa Blommquist @ 28:03

Year Started: 2009 Finishers in 2009: 627 The Largest 8K in South Carolina
Third Largest Race in South Carolina
2021 States Represented: 47
plus Washington, D.C. Bosnia, Herzegovina,
Ontario, Cayman Islands, and
US Armed Forces Europe











November

After the 2020 race was canceled in-person due to the pandemic (we opted for a successful virtual event then), the largest race in the Upstate was back in action with a ton of excitement! TreesUpstate's Turkey Day 8K and 5K run had over 5,000 participants. All funds raised are used to plant, promote

fundraising event happens on the same day we pause to give thanks for our blessings and get to spend time together doing something

and protect trees in the Upstate. We love the fact that our biggest



December

We were awarded \$100,000 through the 2021 Environmental Justice Grant from Target through the The Arbor Day Foundation. The grant seeks to fund community-based projects that specifically address climate- and race-related inequities through community engagement in

communities of need across the United States.

VeighborWoods 10 When we think about 2021 and our success, the benefits of trees that we plant and give away are even that more important. Our work is an integral piece of the puzzle for community development, environmental sustainability, and economic growth.

There is great hope for the future because we continue to plant and give away more trees than ever before. In 2021 we planted 1,799 trees and gave away 5,357 trees including 4,107 trees through a grant from the Duke Energy Foundation. Each of these trees cleans our air and our water, improves our health, enhances our communities, and beautifies our region.

Trees are an important part of the solution for many of the inequity issues we face in our local communities. Change doesn't happen by focusing only on one issue. It takes community leaders making trees a priority alongside conversations on affordable housing, transportation, clean air, clean water and economic development. With this grant we will work closely with residents and listen to their needs so that tree planting projects are led by and for their own communities.

- Joelle Teachey



Air Pollution threatens everyone as 9 out of 10 people in the world breathe bad air. In 2015 more than 4 million people died worldwide from ambient air pollution. Most of the bad air comes from industry, car emissions, and ground-level ozone that forms when areas are too hot. The best way to fight this is by putting in filters that are better than anything a scientist or engineer can come up with... planting a tree. The leaves of trees capture heavy metals like lead, iron, manganese, chromium, and barium and other particulates such as atmospheric sulfur dioxide, carbon dioxide, and nitrous oxide. By planting more trees in urban areas it's like putting a natural biological filter directly at the source of the pollution.

55 percent of the nation's flowing waters are in poor biological condition and 23 percent are in fair biological condition, yet over 180 million Americans get their drinking water from these sources. Trees make all the difference in the health of water as they filter nuisance algae, pollutants, stimulate nutrient cycling, and help prevent erosion. As our area is under extreme development, our local streams and rivers are clearly showing the signs of erosion and distress. By planting trees we are directly cleaning our water for everyone. It has been shown that urban forests are better than traditional flood control systems at protecting water quality–especially during a storm. One large oak tree can transpire 40,000 gallons of water a year!





Impervious surfaces like concrete, asphalt, and roofs make an area hotter. It has been documented that shaded areas can reduce the temperature by as much as 21 degrees Fahrenheit. It's what we call the heat island effect. Warmer temperatures create the need for more electricity to cool our buildings and our homes. Trees reduce U.S. residential energy use by an average of 7.2 percent. So often when we think about poverty, we don't consider how much of a difference trees can make–from the energy cost savings alone!

Why Trees?







2021 The Planting



















- 1 Holmes Park
- 2 Terry Creek with Save our Saluda
- 3 Pauline-Glenn Springs Elementary
- 4 The Rotary Club of the Reedy River Greenville
- 5 Blue Ridge, Greer Centennial, & Taylors Lions Club
- 6 Juanita Butler Community Center
- 7 Spartanburg High

2021 Plantings not Shown

Animal Care Center, Brook Glenn Elementary, Chesnee Elementary, Conestee Nature Preserve, Dorman High, James H Hendrix Elementary, Furman University, First Christian Church of Greenville, Mt. Pleasant Community Center, Paris Elementary, Pelham Road Elementary, Flying Rabbit Adventures, Oakview Elementary, Roebuck Elementary, Skyland Elementary, USC Upstate













- 8 Swamp Rabbit Trail Kickoff Event and Planting
- 9 Taylors Elementary
- 10 Lakeview Elementary
- 11 Oak Grove Lake with Johnson Controls





- 12 Gable Middle
- 13 Fountain Inn Elementary
- 14 Saluda River with Save our Saluda
- 15 Augusta Circle Elementary
- 16 Newtown Park with Prisma Health
- 17 Va-Du-Mar McMillan Park with BMW

TREESUPSTATE'S ENERGY SAVING TREES GIVEAWAY (2016-2021)

PRESENTED BY



13,385

TREES GIVEN **AWAY THROUGH DECEMBER 31, 2021** AT 54 EVENTS

20-Year forecasted iTree benefits of 13,385 Trees



45,222,655



62,186,209 CARBON SEQUESTERED/ AVOIDED



GALLONS OF STORMWATER FILTERED



POLLUTANTS ABSORBED

\$7,652,437 SAVINGS



ALL TREE GIVEAWAYS

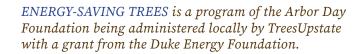
2016-2021 Energy-saving Trees through Duke Energy: 12,135

2021 Seneca Arbor Day Foundation Grant: 650

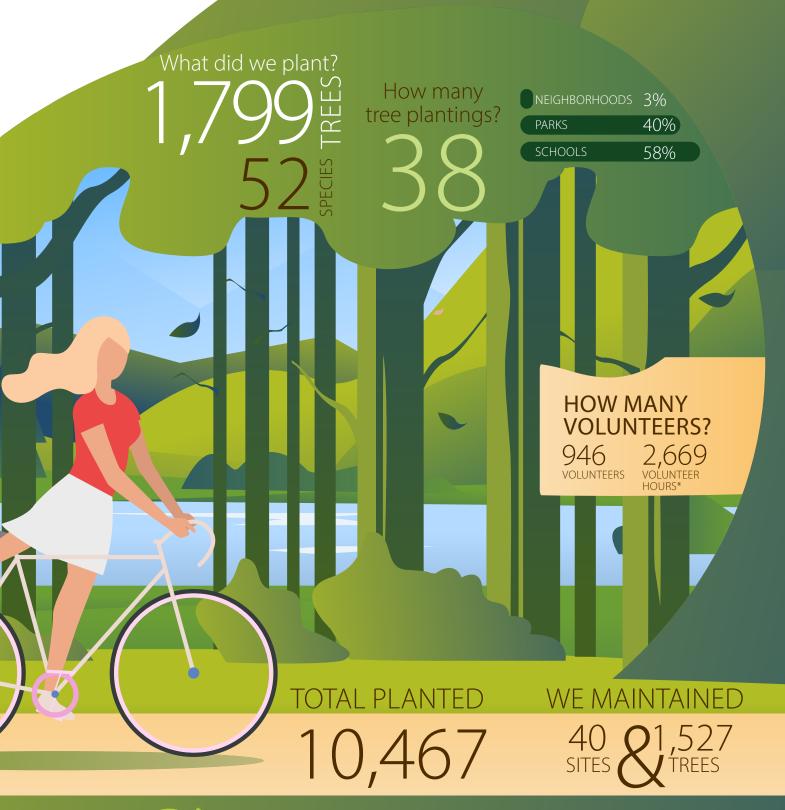
2021 Greenville Arbor Day Foundation Grant: 600

2021 Turkey Day 8k & 5k Giveaway: **1,000**

2021 Arbor Day Giveaway at Conestee Nature Preserve: 500



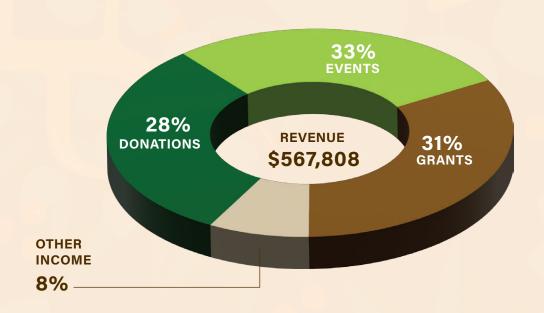
2021 IMPACT REPORT



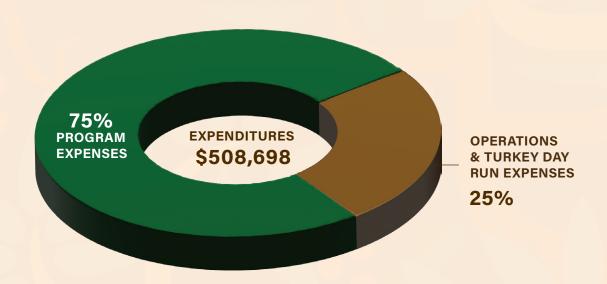
23,852 PLANTED + GIVEN AWAY 2006-2021

FINANCIAL STATEMENT OF ACTIVITY

OPERATING REVENUE



OPERATING EXPENDITURES





The total projected benefits of the **10,467** total trees that have been planted by TreesUpstate over the next 25 years based on forecasted growth, i-Tree Design projects total benefits worth: **\$2,559,750**.

These total benefits of these 10,467 trees in 25 years include:



STORMWATER BENEFITS

\$2,171,263

of stormwater runoff savings and **154,880,200** gallons of rainfall intercepted



AIR QUALITY
AND CO2
IMPROVEMENT
SAVINGS

\$388,657



24,009,890 lbs
of CO2 reductions
through CO2
sequestration and
decreased energy
production needs and
emissions

2021 CORPORATE PARTNERS

WHITE OAK

\$20,000 and up

Duke Energy
Greenville Journal
Hartness International
TD Bank, N.A.
The Noble Tree Foundation

TULIP POPLAR

\$10,000 and up

GRASSY CREEK, LLC
SAGE AUTOMOTIVE INTERIORS
SUMMIT MEDIA GREENVILLE

BLACK TUPELO

\$5,000 and up

Bank of Travelers Rest BMW CHRISTOPHER TRUCKS

EARTH DESIGN

FLUOR

GREATER GREENVILLE PARKS FOUNDATION

MNI DIRECT

PIEDMONT NATURAL GAS

PRISMA HEALTH

PUBLIX

RIVERSIDE APARTMENTS

ROTARY CLUB OF THE REEDY RIVER

GREENVILLE

STAYTION AT TR

WATER TOWER APTS, LLC

SOUTHERN MAGNOLIA

\$2,500 and up

AFL Global
BLUE RIDGE LIONS CLUB

FAIRWAY SUBARU

FOOTHILLS ROTARY CLUB IN

TRAVELERS REST

GREER CENTENNIAL LIONS CLUB

GREER CPW

JOHNSON CONTROLS

Nexus PMG

PINTAIL CAPITAL

SAINT CAPITAL

SCHNEIDER TREE CARE

SOUTHERN MANAGEMENT CORPORATION

THE BRILES COMPANY

TAYLORS LIONS CLUB

TREE DIAPER: ZYNNOVATION, LLC

RED MAPLE \$1,000 and up

BLUE RIDGE OUTDOORS
CANAL INSURANCE

CAROLINA CRAFTED

CONSTRUCTION

CAROLINA POWER

CITY OF TRAVELERS REST

COLONIAL TRUST COMPANY

DAN RYAN BUILDERS

EMEDIAGROUP

ENVIROSOUTH

FIRST BAPTIST CHURCH

FOSTER VICTOR WEALTH ADVISORS

Freeland & Associates, Inc.

FREELAND AND KAUFFMAN

GREENVILLE WATER

GREENVILLE360

KEYS INNOVATIVE SOLUTIONS

NAI EARLE FURMAN

PACE MAGAZINE

ROBINS & MORTON

Ross & Enderlin, PA

SHRED415

SMITH HUDSON LAW, LLC

UPSTATE GREENERY

CAROLINA SAPPHIRE

\$500 and up

AMECO

ARROWOOD + ARROWOOD

BLUEWATER CIVIL DESIGN

BOYD CYCLING

BRASFIELD & GORRIE

BRIDGE CITY COFFEE

CHRISTOPHILLIS & GALLIVAN, P.A

CRAWFORD

DAVIS & FLOYD

DP3 ARCHITECTS

ROBERT ROGERS, DMD, PA

FIREWATER PHOTOGRAPHY

FLEET FEET SPORTS GREENVILLE

GO-GREEN EVENTS

GRAYCLIFF CAPITAL MANAGEMENT, LLC

GREENVILLE SPINNERS

JOHNSTON DESIGN GROUP

KPMG LLP

McMillan Pazdan Smith

PUBLIC STRATEGY

RED OAK DEVELOPERS

REEDY RIDES

SEAMON WHITESIDE

SOUTHERN INVESTMENT & DEVELOPMENT

SOUTHERN OM

SPINX

THE GALLIVAN GROUP AT UBS

UPSTATE RUNNING CLUB

WESTMINSTER PRESBYTERIAN CHURCH

WITHOUT LIMITS

2021 INDIVIDUAL DONORS

RED MAPLE SOCIETY

\$1,000 and up

KAREN AND RICHIE ANDREWS KAREN AND WILLIAM BROWN KATE BROWN DUFF BRUCE PAM AND SCOTT CHRISTOPHER MILLIE COLLINS ANDREA AND EDWIN COOPER SAMUEL DAVIS DOROTHY AND STEVE DOWE KATHY AND CHRIS FINCHER MARGARET AND LOWRIE GLASGOW NIKKI AND ALLEN GRUMBINE SANDRA AND DALE HAMANN LINDA AND BEN HANNON SETH HARRISON BECKY AND BOBBY HARTNESS MARY LOU AND PAT HARTNESS SUSAN AND LES HICKEN HEATHER AND GLENN HILLIARD ANNA KATE HIPP ANNE AND FRANK HOLLEMAN KATIE AND ROB HOWELL ANN AND JOE JENNINGS LINDSAY AND KEITH JONES KATIE AND SCOTT JONES Mary Lou and Lewis Jones VIDYA KAMATH AND NIRANJAN PAI LINDA KETELAAR MARY AND JEFF LAWSON NANCY AND ERWIN MADDREY SARA AND FRANK MANSBACH ALICE AND SCOTT McCRARY

THE NOBLE TREE FOUNDATION

(Red Maple shows January 1, 2021 - May 12, 2022)

DEWEY OXNER SNOW AND JOHN PARROTT GINNY AND JOE PAZDAN EMILIE AND JOHN PAZDAN DABNEY PEEPLES INGE AND JOHN REKERS SHERRY AND JEFF RHODENBAUGH LEA ROHRBAUGH BRUCE ROWLAND LINDA SCHUETT MINOR AND HAL SHAW LOGAN AND JOSH SMITH SYDNEY AND ED TAYLOR Joelle and Michael Teachey LIZ AND ADAM TYSON AMY AND DEV VAZ WAGGONER FOUNDATION LESLIE AND KYLE WALTZ SUSAN AND DAVID WILKINS DIANE SMOCK AND BRAD WYCHE MARY KATHERINE AND STUART WYETH

CAROLINA SAPPHIRE

\$500 AND UP (2021 ONLY)

MELISSA BROWN
MARION AND WILLIAM CRAWFORD
JEAN AND RICHARD GREER
JILL AND LES LEWIS
MICHELLE MCCALLUM
NICOLA PAGE
DEBRA AND DAVID SPEAR
EMELIA AND JIM STEPHENSON
ELIZABETH AND GORDON TURNBULL

EASTERN REDBUD

\$250 and up

ACUMEN BUILDERS

ADIDAS

AUGUSTA CIRCLE ELEMENTARY PTA

BARBARA AND GILBERT ALLEN

HARRIET AND CLARENCE BAUKNIGHT

ROBIN CARROLL

RAMOORTHY CHANDRASEKHAR

ELSBETH AND MATTHEW CHANEY

BRENT CLYMER

SARA AND ERIC DELLINGER

JOSE DUARTE

ELEANOR AND NATHANIEL DUNLAP

JANET ENSOR

VICKY FERRELL

KATE FOWLER

CAROL YOUNG GALLAGHER AND

BROOKS GALLAGHER

DONNA AND STEVE GRADDICK

PATRICIA AND JIMMY GRANTHAM

LAURA GRISWOLD

REN AND DOUG HARPER

BEVERLY AND ROBERT HOWARD

CATHRYN AND MICHAEL JUDICE

JENNY LONG

EVA MARTIN

JEAN MARTIN

MARGARET DUNFORD AND

BILL MAXYMUK

ALLISON AND KAHWAI MURIITHI

CHRISTIE AND BOB NACHMAN

ROB PHILLIPS

JANE AND DON PILZER

MARY ANN PIRES

JANE PRESSLY

ALISON RAUCH

ANN MARIE PATTERSON AND

SENTHURAN RAVINDRAN

CAROL SAVAGE

STERLING SCHOOL CHARLES

Townes Center

PAT STRONG

DENISE AND TERHUNE SUDDERTH

THE GREY GOOSE, INC.

KATHRYN VINCENT

ALEXANDRA WHITLEY

CECILY MANGO AND HARRY WILKINSON

CAROLINA SILVERBELL

\$100 and up

RUTH ALBRIGHT

DONALD ANDERSON

GAVIN AXSON

AARON BARR

LAUREN BATSON

JANE AND BORIS BAUER

MARGARET AND DAVID BEISSER

TOR BENNSTROM

MARK BREWTON

MIKE CAPUTO

CAROLINA FOOTHILLS GARDEN CLUB

ALICE AND JOHN CLAGGETT

MALINDA M. COLEMAN

JUDY CROMWELL

MIHALY DAVIDSON

DOROTHY AND MATT DEFOOR

CLARE DILLON-PALMA

KARA DULLEA

DIANE AND CHARLES ELDRIDGE

ROBERT ELLIS

TERESA ESS

JULIE FAZIO

MARCY AND ALBERT FEDALEI

SUSAN GREGG FELLERS AND

MARK FELLERS

MEGAN FERRIER

FLUOR EMPLOYEE GIVING

DEBBIE AND CLYDE FOWLER

JAMES GALBREATH

FIELDING AND GALLY GALLIVAN

TED AND MARY GENTRY

JANIS AND CHRIS GIORDANELLI

GIVING TREE PROPERTIES

LAURA AND JAMES GOSSETT

MARTY GRAF

PRISCILLA AND JOHN HAGINS

CARRIN HAHN

MARSHA HARPER

DENNIS HAYS

TIMOTHY HEATLEY

ANGIE HELMLY

ELAINE HESTER

WALTER HINTON

ERIKA AND DAVID HOLLIS

ERIN AND TY HOUCK

MICHELLE JAMES

KATHLEEN JOHNSON

SHARON JOHNSON

ANNE KING

ERIC KRICHBAUM

AMY AND KEN LOCHRIDGE JR.

JOSHUA LONG

JUDITH AND ROBERT LOWRY

VIRGINIA LYLE

HEATHER LYNDON

TODD MALO

EVA MCLEOD

PENNY MEILINGER

KATY MOORE

LYDIA MORRIS

MARIE MURDAUGH

OAKVIEW ELEMENTARY SCHOOL

TIKHON SURESH PICHAL

DANE PIERCE

DEBRA PRICE

LUCY AND JOSEPH PULLIAM

MELISSA RIEGEL

Anne Carey and Shawn Rodwell

ANDREA SCHECHTER

MELISSA SEELY

ADRIENNE SFORZA

ANN M. SHARP

DAN SICHVELAND

KEN SIMMONS

GAYE AND JOEL SPRAGUE

KATHRYN STAFFORD

JEANNETTE WILCOX STINE AND

CRAIG STINE

MARCY STOWELL

ELLEN AND DAVID SUAREZ

KAYLEIGH SULLIVAN

STEPHEN TANGNEY

KITTY AND BUCKY TARLETON

LOIS TAYLOR

TETRAD BREWING COMPANY

UPSTATE FOREVER

DOREEN AND WILLIAM WERMUTH

CHERYL AND CHARLES WEST

KATHRYN WHITE

SUSAN WHITE

THERESA WIPER

CHRIS YAROCH

Artwork by: Nancy Hilliard Joyce

