

Summer 2015



MUDflats

Newsletter of the Elizabeth River Project making restoration a reality

The festival that's inspiring a song

RIVERFest Goes River-Wide

- Free sailing
- Oyster oasis
- New river song
- New brew
- It's your time to celebrate river cleanup!



Free rides with Sail Nauticus are part of the new, expanded RIVERFest.

Saturday, Sept. 12, 10 am -5 pm
Free All Day, Nauticus Waterfront

Skye Zentz, the trending young Norfolk singer, showed up ukulele in hand at Elizabeth River Project a few months ago. She is a colorful artist, her long hair streaked in unexpected hues. At first, just a small RIVERFest committee gathered around her in the conference room.

Then, hesitating over some of her newly written words, Zentz sang her Riversong, as she has now named it. By the time she closed, the room was packed, staff drifting in from all over the office, joining the committee in a standing ovation. "She has this gorgeous voice, as rich

and varied as the river itself," recalls Marjorie Mayfield Jackson, Executive Director.

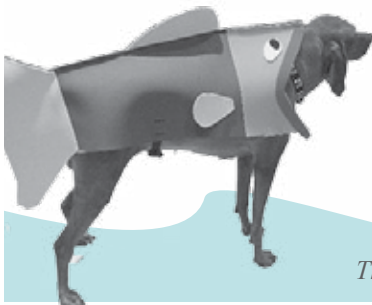
"It's a heartfelt anthem."

— Skye Zentz on her new song to debut at RIVERFest 2015.

"It's a heartfelt anthem and a call to action," Skye says of her "ode" to the Elizabeth. Skye is now the featured artist for a new closing party for Elizabeth River Project's RIVERFest 2015, moving this year to the Nauticus waterfront on Saturday, Sept. 12, 10 am – 5 pm, to reach as wide an audience as possible. - Continued on pg. 5



Skye Zentz will debut her new song inspired by The Elizabeth River Project.



Board of Directors

Officers

President - Karen Jones Squires, Community Leader
Vice-President - Phil Stedfast, Operations Manager, Kinder Morgan Elizabeth River
Treasurer - Michael Nickelsburg, CAPT, USN (Ret.), Former Biology Department Head, Tidewater Community College, Portsmouth
Secretary - Howard E. Copeland, Attorney

Directors

Bruce Bradley, Retired, Landmark Communications, Former President and Publisher, The Virginian-Pilot
Robert Bray, Retired Executive Director, Port of Virginia
Frank Daniel, Retired Regional Director, VA Dept of Environmental Quality
Paul G. English, Professor of Business Mangement, TCC
R. Michael Ewing, Environmental Programs Manager (East Region), BAE Systems Norfolk Ship Repair
Ann Fitzgibbon, Community Leader
Joshua S. Harris, Vice President - Wealth Management Advisor, Merrill Lynch
Mary Beth Horton, Realtor, Nancy Chandler & Associates
Bob Hume, Retired Chief Regulatory Branch, US Army Corps of Engineers, Norfolk District
John Keifer, Retired Director of Norfolk Public Works
Michael R. Kirsch, CEO, K Plus
Henry Light, Crenshaw, Ware & Martin, PLC
Ruth Martin, Martin Consulting Services
Ray E. Moses, RADM NOAA (Ret.)
Christopher R. Neikirk, ERP Immediate Past President, AVP Executive, Norfolk Southern Corporation
Judy Perry, Partner, Re:Design LLC
Joshua P. Priest, Planner, Base Development Group of the Naval Facilities Engineering Command
Debbie Ritter, Chesapeake City Council
Dr. Joe Rule, Retired Assoc. Dean, College of Sciences, Old Dominion University
Louis F. Ryan, Retired General Counsel, Landmark
Joseph J. Thomas, COL, USACE (Ret.), Former District Engineer
Michael Unger, Research Associate Professor, Virginia Institute of Marine Science
Randy Webb, President and CEO, Signature
Lauren Wolcott, Shareholder, Lauren V. Wolcott, CPA, P.C.
Thomas J. Wright, Attorney, Stallings, Bush & Randall

Staff

Marjorie Mayfield Jackson, Executive Director
Pamela Boatwright, Deputy Director - Administration, River Star Business Program Manager
Joe Rieger, Deputy Director - Restoration
Robin Dunbar, Deputy Director - Education
Sara Felker, River Star Homes Program Manager
Dave Koubsky, Environmental Projects Manager
Susan Smith, Director of Development & Communications
Alison McNaught, Administrative Assistant
Katherine Reader, Accounts Manager
Casey Shaw, Grassroots Coordinator
Sarah Sumoski, Urban Park Ranger
Ashley Sorey, Assistant Education Director
Mike Fowler, Landscape Specialist

Join the Thousands Making River Restoration Possible

From the Executive Director

A curly haired, fresh faced guru of river restoration said something I've never forgotten in the more than 20 years since he spoke to our first community team, organized in 1994 to plan what seemed impossible: the cleanup of the Elizabeth.

Tom Scheuler, who then had been at it for a while on DC's Anacostia River (he's still there, heading up Chesapeake Stormwater Network), told our Watershed Action Team of that time, "cleaning up an urban river takes thousands of people and organizations working patiently on hundreds of projects, over several decades."

You might wonder why we devote so much of this newsletter to a great big party, RIVERFest 2015. First, this is our chance to gather you and thousands of others for the one big day of the year when you and your kids can explore first-hand the hundreds of river cleanup projects underway with our many partners. We promise it



Photo courtesy Bill Tieman, The Virginian-Pilot

won't be "teachy" but fun and interactive; in fact that's the requirement for any festival activity.

Second, you deserve to celebrate. Thank you for making possible incredible progress on our urban river through your generous support of Elizabeth River Project. Come on down Saturday, Sept. 12, 10 am - 5 pm at our new location, the Nauticus waterfront. Eat an oyster in the new Oyster Oasis to celebrate all the new oyster reefs you've made possible in the Lafayette branch of the Elizabeth. Take a free spin on the river thanks to Sail Nauticus and celebrate the C this urban river earned last year on its newest scorecard (up from "dead!"), thanks to you.

Marjorie Mayfield Jackson

This Year's RIVERFest Focus: Erasing the Eastern Branch F's

Wilma Gerald lives a block from a stretch of river we've come to call "the Lost Branch." But lately she's become so inspired by Elizabeth River Project's new focus on the Eastern Branch of the Elizabeth that she wove her hopes into a quilt, bright with fish, turtles and waving river grasses. She offered it to us for the Living River Art Show coming up at RIVERFest 2015, and said to keep the proceeds.

"Wonderful things are happening here," Ms. Gerald said. Join the buzz. The Eastern Branch is our focus area for RIVERFest 2015, with free boat tours from Nauticus to the branch, a new film and displays on Eastern branch history, health and promise.



Students help JPixx pros shoot the new Eastern Branch film for RIVERFest.

Mudflats is the newsletter of the Elizabeth River Project, a membership-based non-profit working to restore the Elizabeth River through government, business and citizen partnerships. "Mudflats" refers to that slippery, biologically active zone where land and water meet, symbolizing our search for common ground among diverse interests.

www.elizabethriver.org

Elizabeth River Project
Making restoration a reality.

475 Water Street, Suite C103A
Portsmouth, VA 23704
[P] 757-399-RIVR (7487)
[F] 757-397-8377

“That is a major find”

Scientists Find Holy Grail at Money Point Clean Up

There’s a holy grail in cleaning up contaminated river bottom. In the case of our Money Point site in Chesapeake, it’s small, white - and we found it this summer.

“That is a major find,” said Dan Dauer, a professor at Old Dominion University, when we showed him photos of the white soft-shelled clam, found this July at Money Point.

Dauer studies the health of the bottom of the Chesapeake Bay. Until Elizabeth River Project and partners removed 36 million pounds of contamination and restored clean habitat over the last few years, Money Point had been one of the most contaminated areas of the bay. Dauer and other scientists hoped to see the area return to its role as foundation of the food chain. But they couldn’t know for sure until they found species like the clam.

“Worms and stuff are one thing, but when you see clams – that’s what you’re looking for,” said Dave Koubsky, Elizabeth River Project’s construction manager at Money Point. Out of hundreds of samples of river mud Dave’s collected in the Elizabeth River over the years at many sites, he had never found clams until this summer at Money Point.

Thanks to the supporters like you, cancer rates in the mummichog indicator fish have dropped to background levels at Money Point. Old Dominion University also has found the “bamboo worm” at Money Point, another indicator of healthy habitat. Elizabeth River Project and the Living River Restoration Trust are completing design for the final phase of cleaning up Money Point, in partnership with Virginia Port Authority and Hess Corp.



These soft-shell clams mean our clean up has succeeded in bringing back healthy life at Money Point, thanks to you!

7 New Oyster Reefs: Lafayette Comes Alive

“The shore birds... show up right away”

Dave Koubsky, Elizabeth River Project’s field manager for construction, likes to check on his oyster reefs first thing in the morning, on the way to the office. Even on reefs still under construction, an egret or heron is almost always there to greet him, already fishing the returning life.

“There’s little nooks and cranies to the oyster reefs, and the first thing you see is the mummichogs (a small bottom fish), starting to forage there – they like to stay out of harm’s way,” Dave says. “Then the shore

birds see this and they show up right away.” Dave has overseen construction of four new oyster reefs this year in the Lafayette, off-shore of the Virginia Zoo, Lafayette/Winona and Larchmont neighborhoods.

Counting three we built earlier, we’ve now added 7 oyster reefs totaling 5.2 acres to the Lafayette! Partner Chesapeake Bay Foundation seeds the reefs with young oysters - more than 13 million so far. Learn more at the Oyster Oasis, new at RIVERFest 2015.



It’s low tide at a new oyster reef on the Lafayette. The reefs provide habitat for much more than oysters.

Meet the Scientists & River Critters at RIVERFest



Meet river scientists, and many of the live critters they study, at the Living River Science Dome at RIVERFest on Sept. 12! It’s free but register ahead at ElizabethRIVERFest.org for the chance to win an oyster dinner at A.W. Shucks.



Slurp for a Cause! Win a Pearl Necklace at RIVERFest

- Taste an oyster for a \$1 minimum donation to oyster reef restoration
- Learn how oysters make pearls
- Donate for a chance to win a pearl necklace
- Play the “Guess the Age of the Oyster” game
- Discover the amazing things oysters do for our river

“She’s Absolutely Beautiful”

Learning Barge “Splashes” After Donated Spruce Up Thanks for Unprecedented Support, Maritime Heroes!

Robin Dunbar watched her 210-ton vessel hang in the air. “I was tearing up, and everybody else was too,” she recalled.

The moving moment: Elizabeth River Project’s Dominion Learning Barge was about to “splash” gently back into the river July 31 after a two-month haul with multiple partners donating more maritime services than anyone involved says they’ve ever heard of.

Inspired by the Children

Derek Breckenridge said Sherwin Williams donated the hull’s new paint, a \$2,700 value, because his company is super-inspired by the barge, “America’s Greenest Vessel,” educating 6,000 students a year.

Colonna’s Shipyard starred in this season’s maintenance, donating services of the world’s largest travel lift, plus carpentry and rigging, valued at more than \$40,000. Steve Walker, vice president of operations, said the Colonna family has lived and worked on the river’s Eastern Branch for 140 years. “No family has more reason to work to protect the river,” said Walker, indicating that helping maintain the barge is “a small part” of the family’s commitment to river health. Dunbar says it’s the latest chapter in a growing book of the barge’s maritime maintenance heroes.

“Everybody keeps saying they’re amazed that the barge is in such good shape,” said Dunbar, Deputy Director – Education, Elizabeth River Project. “It’s because of their continual care,” she said, referring to the maritime partners including BAE Norfolk Ship Repair, which regularly adopts the barge for winter care. Robbins Maritime once again donated tug services to move the barge.

With a live wetland on board and sun and wind power, our Learning Barge won a

dozen national awards for its design by the University of Virginia. First splashed in 2009, the barge has booked to capacity for student field trips every season. Counting public visitors as well, 57,000 guests have now been aboard.

Barge Lowers, Excitement Rises

Excitement built as Colonna’s lowered the barge slowly toward the river. Shipyard workers walked on each side, guiding the 120-foot vessel to the water’s edge. To Robin, it seemed they treated her with the honor of pall bearers, but for a joyous occasion, not a sad one.

“She’s absolutely beautiful,” Robin recalls saying as the barge touched the water (12:59 p.m.).

Come Aboard at RIVERFest

The Learning Barge is now extra gorgeous for you to visit for free at Elizabeth RIVERFest, Saturday Sept. 12 on the Nauticus waterfront. Then she welcomes students for the school year including all Norfolk fourth graders –

thanks to generous recent grants from three Rotary Clubs (Norfolk, Portsmouth and Rotary District 7600), Luck Companies Foundation, PNC Bank, PRA Group and NOAA!

Of the haul-out heroes, Dunbar said she found most remarkable: “They all did it without asking for anything in return, except for a T-shirt.”



Congratulations to this year’s 169 schools!
See the list at elizabethriver.org

For more about the Learning Barge, contact Robin at rdunbar@elizabethriver.org, 757-392-7132.



Thanks, Rotary Clubs of Norfolk, Portsmouth & District 7600 for new grants for river education!



Our Learning Barge heads back in the water thanks to Colonna's. The shipyard and other maritime partners say they're inspired to take care of the barge by the children she reaches, such as Norfolk fourth graders (below).



THANK YOU to In-Kind Donors to the Learning Barge and More!

Adventure Park
American Rover
BAE Systems Norfolk Ship Repair
Bay Environmental
Carrie B

Colonna’s Shipyard
Crisman and Petrus Architects
Crofton Industries and Diving
Ireland Marine, Inc.
Kinder Morgan – Elizabeth River

Terminals
Michael & Cindy Ewing
Marine Chemist Atlantic, Inc.
The Nauticus Foundation
Eric Matherne

Matherne Marine Design, Inc.
MHI Ship Repair and Services
Norfolk Redevelopment and Housing Authority
Norfolk Tug Company, Inc.

Robbins Maritime
Sherwin Williams
Smartmouth Brewing
Starbucks
Jim and Karen Jones Squires

US Coast Guard Sector Hampton Roads
Virginia Ship Repair Association
Yacht Systems Services, Inc.

Mega Pollution Reduced Gets Wheelabrator in Hall of Fame

Wheelabrator Portsmouth sorts and burns a lot of your trash. This was once a dirty business, taking place along Paradise Creek.

But a \$60 million plus turnaround at the “refuse derived fuel plant” earned Wheelabrator Portsmouth Inside Business River Star Hall of Fame for 2015 at our annual recognition luncheon for River Star business and government facilities, attended by 300 on Jan. 22 at Renaissance Portsmouth Hotel.

“They’re exemplary in every way,” Pam Boatwright, River Star Businesses Program Manager, says of Wheelabrator.

Advancing to Model or top level recognition this year, among 114 participating facilities,

Congratulations, River Star Businesses!

The Elizabeth River Project launched River Star Businesses in 1997. Since then, River Star business and government facilities have become the finest environmental stewards on the Elizabeth.

- Pollution reduced: 312 million pounds.
- Wildlife habitat: 1,390 acres.
- Other materials reduced, recycled or reused: More than a billion pounds.

were Norfolk Environmental Stormwater Management and SKW Constructors.

Thanks to you, our supporters, Elizabeth River Project has been able to provide the free technical assistance and public recognition that so far has inspired businesses to reduce pollution voluntarily by 312 million pounds since 1997. Help keep the momentum growing with your donation today.

To find out if River Star Businesses is right for you, contact Pam Boatwright, pboatwright@elizabethriver.org. or visit RiverStarBusinesses.org



Thanks for way less pollution – Wheelabrator Portsmouth won Inside Business River Star Hall of Fame 2015 for mega pollution reductions with Elizabeth River Project. Here’s Wheelabrator seen from our Paradise Creek Nature Park during construction of the park’s wetlands and footbridge.

Continued from page 1 - Also new this year: A “Living River Art Show” with a prize for the best art depicting Elizabeth River Project’s new focus area, the Eastern Branch. A professional video about the Eastern Branch, for which high school students were allowed to help shoot footage.

There’s also a new “Oyster Oasis” where you can taste an oyster for a \$1 donation while you learn more about how you’re helping bring back the river’s best filter. If you join River Star Homes or return for the latest on the free program, you’ll have a chance to win a recycled bike donated in honor of your efforts by Hund’s ReCycle Factory in Norfolk. Tried and true activities return from when the festival was located in Colonial Place to focus

on the Lafayette: the Learning Barge, made possible by you, our generous donors; the Scoop the Poop relay race and dozens of other children’s activities including live critters at the Living River Science Dome. Bring your pooch in a river costume for the dog parade. Your kids can join in as “puppy panelists” to judge the costumes.

You won’t want to miss the closing party, 3 pm -5 pm with a new brew compliments of Smartmouth. The brew name’s a secret, as are the words of Skye’s song, all meant to thank you for your key role in the revival of your home river, the Elizabeth.

Chance to win a gift certificate to A.W. Shucks when you register ahead: ElizabethRIVERFest.org.



Hund’s ReCycle Factory in Norfolk is donating a hand-built, recycled bike to a lucky River Star Home at RIVERFest.

Deepest Thanks to Elizabeth River Project Investors Contributions Received November 19, 2014 - July 30, 2015

\$100,000 and Above

Bank of America
Hampton Roads Community Foundation

\$50,000 to \$99,999

Dollar Tree
HRSD
National Fish and Wildlife Foundation
Louis and Pru Ryan
Jim and Karen Jones Squires
US Department of Commerce,
National Oceanic & Atmospheric Administration

\$25,000 to \$49,999

Aimee and Frank Batten, Jr. Foundation
Living River Restoration Trust
Norfolk Southern
Susan Robertson

\$10,000 to \$24,999

BAE Systems Norfolk Ship Repair
Jane Batten
Chesapeake Bay Foundation
Dominion Resources
Estate of Eugene Milton Ellison
David and Susan Goode
Conrad and Peggy Hall
Luck Stone
OSAGE of Virginia
PortFolio Recovery Associates
Portsmouth Service League
Rotary Clubs of Norfolk and Portsmouth
Towne Bank Foundation

\$5,000 to \$9,999

American Borate
Mr. and Mrs. Richard F. Barry
Birdsong Peanuts
Mr. and Mrs. Bruce Bradley
J. Robert Bray
J.L. Camp Foundation
Chesapeake Bay Funders Network
Enviva
Paul and Carolyn Gottlieb
Mr. and Mrs. Peter Meredith
Mr. and Mrs. Charles Moorman
Norfolk Environmental Stormwater Management
Wheelabrator

\$2,500 to \$4,999

City of Norfolk
Susan and Norman Colpitts
Brian and Melissa Deutsch
Duke University
Marjorie Mayfield and Robert Jackson
Kitty Whitman and Louis Jaffe
Mr. and Mrs. Chris Neikirk
Steve and Judy Perry
Signature Financial Management
The Waterwheel Foundation

\$1,000 to \$2,499

Accurate Marine Environmental
Shirley Baldwin
Bay Environmental
Blake Bailey and Mary Brinkmeyer
Brown and Caldwell
CITGO Petroleum Corporation
The Honorable and Mrs. Jack Clarkson
J. William Cofer
The Honorable and Mrs. Howard J. Copeland
Joe and Janet Covington
Carroll and Gloria Creecy
Doody Calls - Hampton Roads
Paul and Linda English
Karen and Matthew Fine
General Dynamics
NASSCO-Norfolk
Martha and Christina Goode
Pam Boatwright and Don Gulliver

The Elizabeth River Project is proud to recognize members of its Leadership Giving Societies, who contribute \$1,000 or more annually to support the ongoing work of the organization. To learn more about becoming a River Otter or Mummichog Society member, please contact Susan Smith at (757)399-7487 or ssmith@elizabethriver.org



\$2,500 and above

American Borate Company
American Rover
APM Terminals
BAE Systems Norfolk Ship Repair
Bank of America
Mr. and Mrs. Richard Barry, III
Jane Batten
Mr. and Mrs. Frank Batten, Jr.
BB&T
Birdsong Peanut Corporation
Mr. and Mrs. R. Bruce Bradley
Mr. J. Robert Bray
Mr. and Mrs. Macon Brock, Jr.
Ms. Deborah Butler
J.L. Camp Foundation, Inc.
Chesapeake Bay Funder's Network
The Hon. & Mrs. Jack Clarkson
Colonna's Shipyard, Inc.
Mr. and Mrs. Norman Colpitts
Mr. and Mrs. Carroll Creecy
CSX Transportation, Inc.
Dr. and Mrs. Brian and Melissa Deutsch
Dollar Tree, Inc.
Dominion Resources, Inc.
Hampton Roads Sanitation District
FishAmerica Foundation
Mr. and Mrs. David Goode
Paul A. and Carolyn Gottlieb
Mr. and Mrs. Conrad Hall
Hampton Roads Community Foundation
Hampton Roads Rotary
Richard Homan, MD
Charles and Mary Beth Horton
HRSD
Lyle Jackson
Marjorie Mayfield and Robert Jackson

Herb Haneman
Harbor Group International
HDR Engineering
Ted Henifin
Gayle Hicks
Host Terminals
Bob and Susan Hume
Capt. and Mrs. Lawrence I'Anson
Thomas Johnson
Kinder Morgan Elizabeth River Terminals
Mr. and Mrs. Michael Kirsch
VADM and Mrs. Alexander Krekich
Mr. and Mrs. Harry Lester
Marine Hydraulics International
Eleanor Marshall
McClean Contracting Company
Ruth McElroy

Louis Jaffe and Kitty Whitman
Henry and Angelica Light
Mr. Harvey Lindsay, Jr.
Luck Companies Foundation
Mrs. Oriana McKinnon
Maersk Line, Limited
Mr. and Mrs. Peter Meredith, Jr.
Mr. and Mrs.
Charles Moorman
National Fish and Wildlife Foundation
Mr. and Mrs. Chris Neikirk
Norfolk Southern Foundation
OSAGE of Virginia
Barbara McCready Parrish
Mr. Chris Perry
Steve and Judy Perry
Port of Virginia
Portfolio Recovery Associates
Portsmouth Service League
Susan Robertson
Rotary Clubs of Norfolk and Portsmouth
Ms. Wanda Russo
Mr. and Mrs. Louis Ryan
Richard Sheppard
Signature Financial Management
Southeast Virginia Community Foundation
Jim and Karen Jones Squires
Towne Bank Foundation
VA Dept. of Conservation and Recreation
VA Dept. of Environmental Quality
VA Dept. of Forestry
VA Dept. of Game & Inland Fisheries
Virginia Environmental Endowment
Randy and Lelia Graham
Webb, Jr.
W.F. Magann Corp.
Wheelabrator Portsmouth

Mr. and Mrs. Richard Meredith
MHI Ship Repair and Services
RADM and Mrs. Ray Moses
Michael Nickelsburg
Norfolk Tug Company
Donald Nuss
Barbara McCready Parrish
Perdue Agribusiness, LLC
Port of Virginia
Mr. and Mrs. Josh Priest
Aaron Rashti Family Foundation
Ann Reed
Linda Rice
F. Scott and Michele Ripley
Ron Hartshorn and Nancy Ronald
Jim and Patty Rouse
Charitable Foundation
Toy Savage



\$1,000 to \$2,499

Shirley Baldwin
RADM Charles J. and Susan Beers
Pam Boatwright and Don Gulliver
Blake Bailey and Mary Brinkmeyer
Brown and Caldwell
John Arrigo and M. Ann Carney
Dr. and Mrs. James and Judy Carraway
CITGO Petroleum
The Honorable and Mrs. Jack Clarkson
J. William Cofer
The Honorable and Mrs. Howard Copeland
Cottrell Contracting Corp.
Mr. and Mrs. Joe Covington
Carroll and Gloria Creecy
Mr. and Mrs. Stephen Cyrus
Mr. and Mrs. Frank Daniel
Doody Calls - Hampton Roads
Mr. and Mrs. Paul English
Mr. and Mrs. Matthew Fine
General Dynamics NASSCO-Norfolk
Martha and Christina Goode
Harbor Group International
Eleanor and Sandy Harris
Herb Haneman
The Hon. and Mrs. James C. Hawks
HDR Engineering
Ted Henifin
Ms. Gayle Hicks
Mr. and Mrs. Peter Huber
R. Willson Hulcher, Jr.
Bob and Susan Hume
Capt. & Mrs. Lawrence I'Anson
Thomas Johnson
Kinder Morgan/Elizabeth River Terminals
Mr. and Mrs. Mike Kirsch
KITCO Fiber Optics, Inc.
VADM and Mrs. Alexander Krekich

Bob Layton and BB Schenk
John Shannon
Anne and Conrad Shumadine
Southern Bank
Phil and Sarah Stedfast
Tidewater Jewish Foundation
Joe and Petra Thomas
Michael A. Unger
Vane Brothers Company
Virginia Pilot Association
Andrew Wallace and Cynthia M. Faschini
Jane and Sam Webster
Edward Whitmore
Wayne and Ashlin Wilbanks
Wilbanks, Smith & Thomas Asset Management
Rolf and Beth Williams

Mr. and Mrs. David Lawson
Mr. and Mrs. Harry Lester
Mrs. Eleanor Marshall
John and Ruth Martin
Ruth McElroy
McLean Contracting Company
Mr. and Mrs. Richard Meredith
Dr. Betty Meyer
Joan G. Miller
RADM and Mrs. Ray Moses
Norfolk Tug Company
CAPT and Mrs.
Michael Nickelsburg, USN Ret.
Donald Nuss
Lucy Oldfield
Mr. and Mrs. Josh Priest
Mr. and Mrs. Walter Priest, III
Kathleen and Anne Redfern
Ms. Margaret W. Redfern
Ann D. Reed
Dr. Linda M. Rice
Lynn Cobb and Warren Richard
Mr. F. Scott and Michele Ripley
Nancy Ronald and Ron Harshorn
Jim and Patty Rouse Charitable Foundation
Gina and Jack Ruffin
Mr. Toy Savage, Jr.
Bob Layton and BB Schenk
Mr. and Mrs. John Shannon
Mr. and Mrs. Conrad Shumadine
Southern Bank
Mr. and Mrs. Phil Stedfast, Jr.
Joe and Petra Thomas
Michael A. Unger
Vandeventer Black LLP
Virginia Pilot Association
Andrew Wallace and Cynthia M. Faschini
Mr. and Mrs. Mark Warden
Dudley Ware - Norfolk
Dredging
Howard M. Webb
Mr. and Mrs. Sam Webster
Mr. and Mrs. Wayne Wilbanks
Mr. and Mrs. Rolf Williams
Dr. and Mrs. Carl Wisoff
Lauren Wolcott
Mr. and Mrs. Henry Wolf
Ken & Nancy Wren, Sr.
John Wynne

Carl Wisoff
Lauren Wolcott

\$500 to \$999

Joyce Neff and Robert Ake
Edward Barham
Fred and Jane Bashara
Bay Diesel & Generator
Bruce and Sarah Bishop
Ryan Bryne
Patrick and Karen Callahan
Linda Cameron
Nancy Chandler Associates
Mr. and Mrs. Charles N. Cooper
Frank Daniel
Ann Fitzgibbon
Leslie Friedman
Dixon Hughes Goodman

W.T. Gray and Ms. Donna Phaneuf
Joe Gregory
Hampton Roads Planning District Commission
Josh Harris
Hefflin and Williams
Chris and Julie Henry
Lucy Herman
Hess Corporation
Intercoastal Marine
John Keifer
Stephen Leaman
Lyon Shipyard Inc.
John and Ruth Martin
Colin McKinnon
Norfolk Tides
Norfolk Redevelopment and Housing Authority
Ann Painter
Paradise Point Marine/Host Terminals
Gray and Sharon Puryear
Kathleen and Anne Redfern
Bria and Cameron Robinett
Ward Robinett
SKW Construction
Mr. and Mrs. Edward B. Snyder
Thomas D. St. Andre and Ms. Sandra Winstead
Stihl, Inc.
Volvo Penta of the Americas
Virginia Fundraising Consultants
Vulcan Materials Company
Ken & Nancy Wren, Sr

\$499 and Under

Christine L. Abelein
Mr. and Mrs.
Kenneth and Anne L. Ablett
Nancy Acra
Lynn O. Adams
Evelyn and Bob Adkisson
Mr. and Mrs. Mike Aiken
Michelle Touw and Roger Akins
Marie & Eleanor Allen
American Association of University Women
Captain Lawrence G. Anderson, USN (RET)
Mr. Kevin Andris
Harry Anjoorian
Sheldon Arey
Mr. and Mrs. E. Warriner and Betty M. Atkinson
Joan Atkinson
Dr. Larry Atkinson
Peggy Augustus
Mary Babcock
Mr. and Mrs. George M. Bacon, Jr.
Mr. and Mrs. James A. Bacon
Mr. Nils S. Bahringer
Mr. and Mrs. Diana and Kenneth W. Bailey
Marge Baker
Matthew and Pamela Baldwin
W. Gary and Susan Ball
Anna Lee Bamforth
Brad J. & Babbie J. Bangel
Nancy Bangel
George H. Bangs
Michael Barbachem
Ms. Mary Reid Barrow
Ms. Jeannie S. Bartlett
Margaret H. Bartlett
Lisa Bass
Julie Baylor
Thomas Bean
Mr. and Mrs. David J. Beatty
Michael Bechelli
Wayne & Cindy Becker
Mr. Doug Beckmann
Gretchen Bedenbaugh
Carlotta and Charles Bell Jr.
Mr. and Mrs. Lee Beller
Mr. and Mrs. David Benjack
Mr. Terrell Bennett
Mr. & Mrs. R. Jeffrey Berlin

H. Clayton Bernick III
Joseph and Mildred Berryman
Mr. and Mrs. David and Judith Best
Ms. Cheryl Bilbo
Emily Birknes
Mrs. Cindy Blankenship
Ms. Wendy Bley
Kitty Boatwright
Trish Morris & Walter Boatwright
Mrs. Barbara Bodenstein
Dr. and Mrs. Michael Bohan
Mr. and Mrs. Jon and Cynthia Bolling
Mr. Gerald L. Boone, Jr.
Judy & Ronnie Boone
Ms. Barbara E. Boslego
Mr. Matt Bousquet
David and Bonnie Brand
Mr. and Mrs. Arthur Brandriff Jr.
Mr. Christopher Brandriff
Mr. & Mrs. Louis & Isabel Brenner
David D. Briggs
Stevie Briggs
Mr. Mitchell Brindley
Robert P. Brittingham
Mrs. Mary Dame Broad
John & Penny Brock
Anne Brooke
Hawley & Kathryn Brooks
Dr. Townsend Brown, Jr.
Barbara S. Brumbaugh
Mr. and Mrs. Carl Bryant
Ms. Eva Bryant
Mr. and Mrs. Stewart Buckle
Paul R. Buckwalter
Carol Bukovac
Robert M. Burchette
Valerie Burkett
Mrs. Hunter Joyce Burt
Jim Bush
Kevin Butler
L. Pope Buxton
Betty Callahan
Mr. & Mrs. Alexander J. Campbell II
Frank T. Campbell
Julia Bragdon & David L. Campbell
Ms. Nancy H. Campbell
Mr. & Mrs. John and Jeanne Carlock
Dr. James and Judy H. Carraway
P.I. Carraway Jr.
Julianne & Brian Casey
Stephanie Catherines
Charles H. & Rinda B. Chamberlayne
Mr. and Mrs. Warren W. Channel
Roy W. Chery
Tom Cholis
Ms. Emily Christman
Mr. and Mrs. Paul Clancy
Lisa Clark
Ms. Nancy L. Clark
Mr. Lewis Cobb, Jr.
Dr. Lawrence Colen
Rev. Ellen Comstock
Lucinda Connelly
Shirley and Felix Cooper-Sherron
Betty Cotten
Mr. and Mrs. W. Claiborne Coupland
Kelly A. Craig
Mr. and Mrs. Allan Crandall
Ross Creecy
Dr. J. Parker and Annah Cross Jr.
Janette Crumley
Danielle Culbert
Mr. Kenny Dale
Elizabeth Allen Davenport
Mr. & Mrs. Michael K. & Donna R. Davis
Carl A. Dehne
Mrs. Page McLaughy and Dr. Del Delcambre
Mrs. Jane L. Dembert
Mr. and Mrs. David A. Dennis
Eric Matherne and Jacque Dessino
Mr. and Mrs. Martha and Bruce Dewing
Ms. Sandra DiCarlo
Anne Shewan and Michael Diminam
Alice K. Dodson
CAPT Merrill H. and Dabney H. Dorman

Dr. & Mrs. John Duckett
Roy & Carol Dudley
Erin Duffy
Robin Dunbar
Diane and David Durica
Mrs. Cindy Lynn Earle
Ms. Shela E. Edmonds
Robert Bernstein and Lisa Ehrich
Mr. Bruce Eley
John Ellis Jr.
Ken and Linda Engler
Mr. and Mrs. Reid and Harriet Ervin
Chaz, Julie, James & Tom Etheridge
Elizabeth Etheridge
Rob Etheridge
James K. Eure
Jackie Everheart
Arlene Eyley Sr.
Ann Ferebee
Katherine L. Festi
Mr. & Mrs. Greg & Shelly Fiden
Annette S. Field
Katherine C. Filippino
CAPT Joanne M. Fish
Ginny and Ed Flanders
F. P. Fletchers
Ms. Ellen Folkama
John and Sarah Ford
Mr. R. Malcolm & Martha Frances Fortson
Terri Foss
Jennette M. Franklin
Susan and Bill French
Nadine Fritz
Mr. George & Marjorie Galeota
Jane & James Gallatin
Holly Garriott
Janice Gates
Admiral Philip O. Geib
Matthew Gernand
GFWC Kempsville Woman's Club
Dr. Lucy and Paul Gibney
Charles & Diane Gibson
William Gibson
Mr. Robert J. Gies
Nate and Lisa Gilbert
Mr. and Mrs. James J. Gildea
Ed Giles
Paul & Barbara Shreckhise Gillooly
Dr. and Mrs. Robert Given
Mr. and Mrs. Michael Glasser
Harry Glenn
Michele and Ricardo Gonzalez
Mr. and Mrs. Howard E. Gordon
Mr. & Mrs. Robert Goumas
Cyrus W. Grandy V
Jack and Isma Granger
Benn B. Griffin
Sunset Grill
R.B. and Patricia Grimman III
William M. Groeninger
Mary E. Grubb
Eric Gunderson
Greta Gustavson
Dr. and Mrs. A. R. Guthrie
Karen Haberthur
Ashley Haines
Greg and Gaye Hall
Jim D. Haluska
Ms. Rebecca W. Hanmer
Robert B. and Susan Taylor Hansen
Winton Hardison
William S. Hargroves
Colonel and Mrs. Thomas G. Harleman
Rachel Harrison
Sally and Ron Hartman
Rodger Harvey
Dr. Pedro Hasas
Daniel Hassett
Jimmy Hatcher
Kathryn Haugan
Mark & Ray Haywood
Dr. and Mrs. Robert K. Heide
Mr. and Mrs. James R. Herndon
Zena Herod
Tonya Herzog
Dr. John and Dolores Hess

Patrick Hilton
Angus I. Hines
Rose Hinkle
Simone Hnath
Linda Woolard & Alma L. Hogge
Heather Hollowell
Mia Holmes
Richard and Amy J. Hood
David F. Host Jr.
Mr. and Mrs. Thomas P. Host III
Brian & Becca Hostetler
Bonnie Houck
Clare Houseman
Sara Howard
Susan T. Hubbard
William and Mary E. Hudson
Robert Hull
Ms. Julie Hurst
Claus Ihlemann
George and Sandra Imel
Mr. and Mrs. Jackson Intlehouse
Larry Iverson and Susan Boatwright
David & Gail Iwans
Betty R. Jackson
Melissa Jackson
Anne Cary Jacob
Ms. Elizabeth K. Janik
Marie and Thomas Jensen
Sheila Jessen
Barbara Johnson
Charles A. Johnson
Karen J. Johnson
Al and Pat Jones II
Mr. George M. Jones
Mr. and Mrs. James Jones III
Michael Joseph
Mr. Gerald L. Julian, Jr.
Ms. Mallory Copeland Kahler
Elyse Kalfus
Diane Kasper
Huib & Ankie Keizer
Elizabeth Kelly
Tom Kennedy
Mr. and Mrs. Donald J. Kent
Mr. Mehdi Khorrami
Robert and Marjorie Kidd
Dr. Patricia King
Ray and Kathy King
Beverley Kirchmier
Mr. and Mrs. John A. Kise
Lee and Virginia Kitchin
Mr. and Mrs. Judson Knecht
Lynn Knight
Ms. Sharon W. Knowles
Nicole Knudson
Alexis Koelling
John Koivisto
David Koutsy
Joseph H. Kozak Jr.
Ms. Dawn Kriz
Mr. Sebastian Kuhn
Mr. and Mrs. Robert Laibstain
Jessica Lamb
Laura Landman
Joe Lanthier
Deborah Lass
Dr. Page R. Laws
Dr. Mark & Elizabeth Lawson
Mr. and Mrs. Joseph A. Leafé
Dr. and Mrs. Willette LeHew
Nancy L. Levin
Claire L. Liebert
Joan and Leonard M. Ligon Jr.
Dr. and Mrs. Edward L. Lilly
Jeanine Lindberg
Mr. & Mrs. C. J. Lindemann
Dr. Demetria M. Lindsay
Dawn Livingston
Mr. and Mrs. Robert Long
Barry Long and Guyline DesRosiers
David and Julia Dorsey Loomis
Barbara A. Luck
Mr. and Mrs. Benjamin P. Lynch, Jr.
Ms. Cary J. Lynch
Joan Lyons
John Lyons
David Macaulay
Hank Malcolm

Steve Mallard
Sister Grace Malonzo D.W.
Dr. and Mrs. Robert Mann
Annette T. Markham
Mr. & Mrs. Ed & Maureen Marroni
Deanna Martin
Hon. and Mrs. Joseph P. Massey
Mr. and Mrs. Thomas L. Matthews Jr.
Mr. Lewis Maye
John & Joyce McClain
Mr. and Mrs. David J. McDonald
Mr. Kenneth McDonald Jr.
Ms. Carlye Mcginley
Wendy McGrady
Meredith McLaughlin
Melissa McLeod
Ms. Patricia McMichael
James and Mary Elinor McNally
Jane McNaught
Captain & Mrs. Kenneth L. Meek, USN, Ret.
Mr. and Mrs. Hugh Meredith
Dean and Debbie Merrill
Thomas H. & Jaqueline Meurer
Lynell and James Michonski
Edward T. Miles
Mr. John Miles
Charmine Miller
Mr. James L. Miller
Julius S. Miller, M.D.
Joan A. Miller
Judy and Ralph Miner
Ann D. Mingione
Eddie & Sandra Mitchell
Mr. and Mrs. Peter Mitchell
Sue Mitchell
Virginia Monaghan
Mr. & Mrs. Brewer Moore
Glenwood & Cynthia Morris
Ronald B. Morris
Christina and Kenny Morton
Richard and Sarah Nettleton
Mr. Raymond A. Newton
Mr. and Mrs. James H. Newsom III
Mr. Daniel L. Nichols
Katherine and Robert Nipper
Patricia Nothnagle
William & Sharon Nusbaum
Dr. & Mrs. James P. O'Brien
Janemarie and Thomas O'Dea
Dr. Edward & Louise O'Keefe
Edward L. & Jean McKenzie Oast Jr.
Mr. and Mrs. Peter J. Oberle
Dr. Edward C. Oldfield III
Kathy and Carl Olson
Dan Omahen
Mr. Jay & Cheryl Openshaw
Kendall and Rebecca Osborne
Mr. & Mrs. Robert S.B. & Frances D. Ossman
Deborah E. Otis
Mr. and Mrs. Grover C. Outland, Jr.
Mr. and Mrs. Kay and Curtis Outten Jr.
Mr. William G. Ouzts, Sr.
Capt. Cliff Page
John E. & Elizabeth Litos Pappas
Richard G. Parise
Mr. & Mrs. William Parker
Charlie and Margaret Parkerson
Marjorie Parsons
Lous Partida
Randolph K. Patterson
John and Mollie M. Payne
Pris M. Peake
Mr. and Mrs. James M. Penney
Theresa Pereira
Mark & Karen Perreault
Mr. John E. Peters
Dick and Laura Phillips
Elizabeth & Jonathan Philpott
Alexandra Pierschalla
Sarah Pishko
Owen Pitchford
Myles A. Pocta
Norman H. & Ethel L. Pollock
Greg Pomije
Sylvia and Mike Pope
DeLane Porter
Marc Poutasse

Jean D. Powell
Robert and Florence Powell
Sonia Powell
Jon and Gail Powers
Richard Price
Mr. and Mrs. Walter I. Priest III
Ron and Emily Primm
David Holmes and Claire Puckett
William Rachels
Mr. Rob Reali
Gerry Reuss
Dr. Sue Rieger
Terry A. Riley
The Hon. Debbie Ritter
Mrs. Catherine Robertson
Col. and Mrs. J.W. Peyton Robertson
William and Iva Robinett
Dutch and Kathy Rolaf
David & Karin Roland
Mrs. Martha Rollins
John Rosenman
Rogard Ross
Ms. Noreen M. Rossi
Ms. Catherine Rothman
Carol and John L. Rowe, Jr.
Mr. and Mrs. Gerald Roxbury
Dr. Willcox Ruffin, Jr.
Martha B. Ruggles
Mariah Rule
Ms. Wanda S. Russo
Mr. Palmer S. Rutherford Jr.
Marty and Joyce Ryan
Meredith B. Sabol
Samantha Santee
John Sarcone
Mark H. Sauer
Charles Saunders
Al & Denise Schnitzer
Miriam Schoepf
Judith Schooley
Linda Schooley
Mr. and Mrs. Carl Sciortino
Lynne Seagle
Margaret Ann Seagraves
Ginny and Pruett Semmes
Mr. and Mrs. Gene Seward
Casey Shaw
Mr. James E. Shaw
Dr. William R. Shealy, Jr.
Douglas Shepard
Mary Leigh Shepard
Louis & Carol Sherman
John Sherwood
Mr. and Mrs. Harry T. Shock
Mr. and Mrs. Taylor Short
Gary Sightler
Anyia & Rudie Simpson
Jason Simpson
Mr. Gamble M. Sisson
Ms. Elizabeth G. Skopik
Caroline Slone
Dale Small
Alexander P. Smith
Gloria and Glenn Smith
Karla Smith
Mr. and Mrs. Leland A. Smith
Mr. Roy E. Smith, Jr.
Emilie Smoke
Deb Sommer
Robert L. & Shirley Valentine Sondej
St. Paul's Episcopal Church
Christine Stafford
Beth Steinbruck-Phillips
Raymond E. Stephens
Carl & Bettye Sterzing
Suzanne Stevens
Dr. John R. Stewart, Jr.
John & Martha Stewart
Pete & Susan Stewart
Judge Robert W. Stewart
Ms. Roberta Stewart
Drs. Gordon & Kerri Stokes
E.J. & Randi Strelitz
Jimmy & Gale Strickland
Mr. Alan C. Stringer
Mr. and Mrs. Hil Strode
Dr. & Mrs. Wayne E. Stroud
James V. Sullivan

Dave Summers
Mrs. Nancy McAlister Sutcliffe
Mr. and Mrs. David K. Sutelan
Matt Tanana
Elizabeth Taraski
Carvelly Taylor
Chuck and Mary Taylor
Harry B. and Joanne Taylor Jr.
Dr. Jay Taylor
Lawrence and Ann Taylor
Louise Todd Taylor
Mr. and Mrs. Robert Temme, Jr.
Sharon Terry
Eugene Thayer
The Pruden Center for Industry and Technology
Mr. Anthony M. Thiel
Billy & Barbara Thomas
Denise S. Thompson
Russell J. Thorne
Patrick and Martha Thrasher
William West and Melissa Thrasher
Ms. Emilie M. Tilley
Mrs. Diane Torrech
Jennifer Torres
Debra Townsend
Dr. and Mrs. Guy Trengove-Jones
Jane Tucker
Thomas M. Tye
Ms. Robin Tyner
Ms. Anne Tyrrell
Luther J. & Ellen Upton III
Malcolm S. Van De Water
Betty Carroll and Bill Van Dyck
Gregory & Susan Van Hecke
Robbie and Jamie Van Pelt
Linda Vesey
Alan and Linda Vigneault
Mr. and Mrs. R.D. Vroman
Mr. and Mrs. Richard Waitzer
John B. Walsh
Neil and Pat Walsh
Mary Ann and Phillip Walzer
Mr. John R. Wass
Carolyn & Bill Watson
Audrey Webb
LCDR (Ret.) and Mrs. Ray Weber
Edward J. & Janis C. Weisberg
Mr. Marshall and Barbara A. Weisberger
Dr. and Mrs. David West
Dr. Paul R. West
Commander and Mrs. Edward G. Wheaton, Jr. USN Ret.
Drs. Larry and Jackie White
Robin J. White
Limesa and Mo Whitlow
William and Jayne Whitney Jr.
Ms. Hazel M. Wilhelm
Mr. William D. Willey, Jr.
Don and Rose Williams
Melvin H. Williams
Dr. Patricia Williams
Mrs. Sunshine Williams
Catherine Williamson
Mr. William H. Wills
Nicholas G. Wilson III
Pearl Windle-Drumwright
Cristina Wineinger
Hon. Barclay C. Winn
Bill Wolf
Mrs. Joyce Jackson Wood
Mary Wood
Robert Wood
Linda L. Woolard
Thomas Worrell
David Woziak
Dr. and Mrs. Charles Wright
Edith Wright
Jennifer Wright
Randy & Arlene Wright
Mr. Carlisle M. Wroton
Anna H. Yarashus
Dr. Terry P. Yarbrough MD
Ms. Pat Yeiser
Wayland W. Yoder III
Stephen and Kate Zacks

River Academy Coming to Paradise Creek Nature Park

Visiting Scholars Expected from as far as Scotland - Plus Kayaks & More

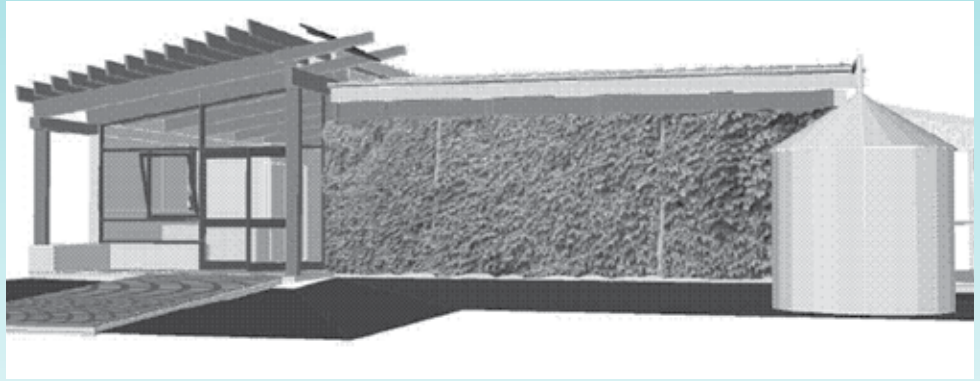
The Fred W. Beazley River Academy is coming your way with visiting scholars including a renowned Scottish sculptor, a living wall, composting toilets, kayak paddles through a new wetland, and much more.

Elizabeth River Project with many generous funders is adding a green education center, a kayak launch, a maritime playground, the Dominion Wetland Learning Lab and more green parking at Paradise Creek Nature Park. We broke ground May 19 for construction at the 40-acre site, the City of Portsmouth's third largest park and our largest field station for education.

National Endowment for the Arts is among our newest park funders with a grant to bring Rob Mullholland to "Paradise" in 2016 for



Volunteer with our new Forestry Stewardship Corps at Paradise Creek Nature Park. Orientation, 3 pm Sept. 26; RSVP, ssumoski@elizabethriver.org.



The Fred W. Beazley River Academy will feature a living wall, rain cisterns & composting toilets. The classroom will host river education and visiting scholars. Artist's rendering, Petrus + Crisman.

his first installation in America of outdoor environmental sculptures. He'll be our first visiting scholar at the River Academy, lead funder, Beazley Foundation. Hampton Roads Community Foundation is funding an enclosed classroom. HRSD is funding education related to the center's composting toilets. Many thanks to the Portsmouth Rotary Club for education supplies!

But don't wait for your river education experience. The park is open throughout construction. Join our new Forestry Stewardship Corps of volunteers or come out for Children's Halloween Day. And it's not too late to help with funding for the new facilities! More at ParadiseCreekNaturePark.org. To donate, call Susan Smith, 399-7487.



Rob Mullholland's sculptures will add to paradise in 2016.

NEW: Pelican Society to Recognize Extraordinary Donors

Thank you if you are part of our River Otter and Mummichog Societies, started a few years ago to recognize donors investing in restoration of the Elizabeth with \$1,000 or more a year. River otters' return means life is coming back in the river. Mummichog fishes are recovering from cancer, heralding a cleaner river.

This fall, you can also join the Pelican Society, honoring the return of the brown pelican, absent from the Elizabeth until the 1980s. Our newest society will recognize those extraordinary supporters who give



The Elizabeth River Project

\$5,000 or more annually to Elizabeth River Project. We'll launch the new society this fall on the annual societies cruise aboard the American Rover.

Learn how you can join one of the societies and receive an invitation to the cruise. Contact our new Development & Communications Director, Susan Smith, at (757)399-7487 or ssmith@elizabethriver.org. Welcome to Susan, joining us after 14 years as Executive Director of the Greater Hampton Roads March of Dimes. In an earlier career, she wrote for The Virginian-Pilot!



Development & Communications Director Susan Smith