



CONTENTS

2

Support for Science Teachers

4

Nature-Based STEM in the Schoolyard

6

We're back! 2022 in Review

8

Board Director Updates

10

Financial Report

Ш

2022 Donor Spotlight

12

2022 Volunteer Spotlight

2023 Board of Directors

Bryan Franey, Esq., Chair Gretchen Cooney, Secretar Patrick Ryan, Treasurer Sarah Collier Dr. Sean W. Gardiner Sarah Greenstein Clay Hall Simon Herriott Sean Kennedy Jimmy Owens Dr. Tracy Sainvil-Joslyn Jonathan Stump Mike Werner

Honorary Board Ad<u>visors:</u>

David Copas, Esq. Doris Del Tosto Brogan, Esq. Ellen Jordan Keith Pryor

Key Staff

Executive Director
Erin Reilly
Director of Conservation
Lorna Atkinson
Education Coordinator
Julia Boyer
Lead Environmental Educator
Danielle Curley
Camp Director
Matilda Kitabwalla
Office Administrator
Pamela MacCormick
Development Coordinator
Taylor McClain
Education Operations Manager
Suzanne Safran
Education Specialist
Jill Shashaty
Communications & Marketing Manager
Rhonda Viscusi-Babb

Environmental Education Fellows: Megan DePaul Jess Karan

Letter From Riverbend's Leadership

Dear Riverbend Supporters,

As the pandemic recedes, Riverbend is reflecting on two years of abundant, communal resilience, with supporters like you showing up for local schools in need. The COVID-19 pandemic placed unprecedented strain on our friends and partners in the American education system, and low-income children suffered the worst educational losses. Riverbend's pandemic story is a case study in how things grow back, and what happens when dedicated, passionate people commit to care for the earth and our children – *ALL children* – no matter their zip code.

As Riverbend's leaders, we are deeply grateful to YOU: the donors, volunteers, Board Directors, staff, and teachers named within this newsletter. Your generosity directly powered the rebuild of our award-winning, in-person environmental education programs at lightning speed when schools finally reopened their doors in March 2021, to educational partners like Riverbend.

Riverbend is once again Montgomery County's #1 provider of environmental education for children, and a model STEM teaching partner for schools in the greater Philadelphia region.

In the last 12 months, thanks to your involvement, Riverbend grew from teaching 700 children in-person in 2021 to teaching 6,709 children in-person in 2022, delivering nature lessons and outdoor experiences led by our trained Environmental Educators.

It was glorious to see the first yellow school buses roll down Spring Mill Road full of elementary school students on their first field trips to Riverbend in nearly two years. For many of our students, a trip to Riverbend marks their first time walking in a stream, catching a toad, or stepping into a greenhouse.

Our conviction is that children need to know about the natural systems that sustain all life on earth, and about how to protect those systems. For their mental and emotional health, they also deserve guidance on how to form their own intimate relationship with Mother Earth, and a joyful beginning to a lifelong habit of spending time in nature.

This report overflows with stories of things growing back, from our reopened Aquaponics Greenhouse to our festive lineup of weekend events for families, adult educational offerings, and relaxing evening gatherings for adults and families at our 30-acre Gladwyne preserve.

Thanks to YOU - Riverbend is flourishing once again.

But the work is unfinished. In 2023, we will invite you to help us carry out Earth Action projects in Philly schools, restore trail signage on our serene walking paths, and expand nature access by introducing summer camp scholarships. And, approaching our 50th anniversary in 2024, we invite you to help us spend this year envisioning Riverbend's next five decades of environmental education.

With the world moving so fast, how do we stay grounded to the things that matter most? Riverbend keeps us connected to our first teacher: Mother Earth. We strive to ensure every visitor falls in love with the natural environment, and leaves Riverbend inspired to take action to protect its delicate and interconnected systems – the very systems that sustain us all.

With gratitude,

Bryan Franey Chair, Board of Directors



Erin Reilly
Executive Director



Support for Science Teachers

lassroom teachers know that hands-on projects conducted outdoors increase student's interest in science. To prepare students to address timely environmental issues and succeed in STEM-based careers, strong partnerships between informal (nonprofits) and formal (schools) education institutions are key.

This school year, Riverbend is working with 10 classrooms enrolled in our free, year-long Community of Practice. This

grant-funded program coaches teachers on how to teach science curriculum outdoors. After only three days training with Riverbend at the program's 2022 kickoff event – our Summer Inquiry Institute – public school teachers were already reporting an increase of up to 70% in their confidence and knowledge of outdoor STEM instruction.

Riverbend has been investing in classroom teachers as valued and respected partners in nature education for nearly a decade. Right: Riverbend's EE Fellow, Chris Sosnowski, works with students at Stonehurst Hills Elementary School in Upper Darby.

Below: Education Specialist, Jill Shashaty, leads a group of educators in an introductory outdoor session at the John James Audubon Center at Mill Grove.





BENEFITS TO STUDENTS

After doing an Earth Action project: "I hear kids being very outspoken about litter. They point the drain and say 'It's gonna go down there! It's gonna go into our watershed'. I think about how I didn't have this information as a kid. And it makes me think how much better could the earth be? This whole experience was amazing. I learned so much."

-Community of Practice Teacher Kristin Kelly, 1st - 5th grade at Rhoads Elementary





Nature-Based STEM in the Schoolyard

Riverbend Making a Difference for Local Students in Their Communities







iverbend Environmental Education Center made a positive impact in Upper Darby and Norristown School Districts in 2022, reaching all 4th graders in both districts, making multiple visits to each class, and taking students outdoors to investigate the natural habitats on their schoolyards.

In an effort to further connect children and teachers to nature in their own neighborhoods, Riverbend environmental educators led guided field trips for all classes to their nearest nature preserve – Heinz Wildlife Refuge and Norristown Farm Park. Students lifted up rocks to find salamanders, traversed streams, and fed native fish. Teachers praised the hands-on, immersive nature of the program.

As we look ahead to the 2023-24 school year, Riverbend will continue teaching Upper Darby's 4th grade and will double the number of Norristown students by serving two grades, reaching an estimated 2,000 students next school year to enhance their understanding of the natural world. As federally designated Title I districts, the districts enroll a majority low-income student body, and this program was provided for free to all Upper Darby and Norristown 4th grade students thanks to Riverbend's generous donors. Riverbend dedicates 50% of its school year education programming to low-income students.

BENEFITS TO STUDENTS

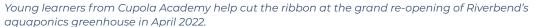
"I received great feedback with lots of academic details about them from the students. The visit [from a Riverbend educator] was an eye opener for many of the students. Seeing their school yard as an ecosystem made them really think!"

- Upper Darby 4th grade teacher

We're back! 2022 in Review

The Past Year Was a Time of Renewal and Growth at the Preserve and Beyond







Events are back at Riverbend including beloved community favorite Shiverfest.

Summer Camp Expands to a Second Location

Riverbend is proud to report we added a second location for summer camp, partnering with McKaig Nature Center to provide a fun and educational experience for children at McKaig's pristine 91-acre woods in King of Prussia. The goal of the camp is to give children a deeper understanding of the environment and the importance of conservation.

In 2023, Summer Camp at both Riverbend's Gladwyne preserve and McKaig's King of Prussia preserve will be led by Riverbend's skilled educators who guide campers in nature exploration through hikes, stream-stomping, bug-catching, and adventure.







Five New Directors Join Riverbend's Board in 2022



Dr. Sean Gardiner

Dr. Sean Gardiner has been a leader in the field of STEM Education in the greater Philadelphia area for over 13 years. Working with teachers, administrators, School Districts, and local community partners, Dr. Gardiner has led a variety of initiatives aimed at transforming the STEM landscape in K - 12 educational spaces. A primary focus of his work has been addressing systems that have perpetuated the systemic underrepresentation of students from the BIPOC community in STEM careers. Dr. Gardiner earned his Master's degree in Communication Sciences from the University of Connecticut and his Doctorate in Educational Leadership from Widener University. He is currently the Director of Curriculum and Instruction for STEM Education in the Upper Merion Area School District.

To Dr. Gardiner, Riverbend's mission captures the essence of STEM education and the importance of children learning through meaningful outdoor experiences. At the heart of the mission is the central tenet of equity, which encompasses everything Dr. Gardiner and his school district do to ensure all students have an opportunity to learn, engage, and excel.

Dr. Gardiner connected with Riverbend over eight years ago by engaging in a partnership leveraging outdoor education and Aquaponics. Over the past eight years, his district has had over 2,800 students visit Riverbend. In the Upper Merion Area Middle School, students engage in hands-on learning throughout the school year by using 27 classroom Aquaponics systems installed by Riverbend experts. This partnership has brought shared local, state, and national recognition with Riverbend.



Sarah Greenstein

Sarah is a Senior Customer Strategy Manager at Johnson & Johnson Consumer Healthcare focused on Skin Health. She has been part of J&J for the past 18 years, starting in Supply Chain and moving into various Sales roles throughout her career.

Sarah values Riverbend's mission to bring environmental awareness and principles to children across the region. She believes that the hands-on opportunity Riverbend provides through programs, field trips, and summer camps, encourages children and provides the opportunity to become aware of their impact on the environment around them.

Sarah first connected with Riverbend in the early days of the COVID-19 pandemic when her two boys attended the on-site virtual learning program. During the virtual learning center days, Sarah's sons grew to love the preserve. As a result, the family came to Riverbend for hikes and enjoyed family activities such as the virtual scavenger hunt, ShiverQuest.



Clav Hal

Clay Hall is a Portfolio Manager at Conservest Capital Advisors, a boutique wealth management firm based in Wynnewood. He is a CFA charterholder and member of the firm's investment committee.

Clay believes that through its mission, Riverbend is helping to develop and improve environmental conservation practices for children and families in the region.

First introduced to Riverbend through Leadership Philadelphia, Clay appreciates Riverbend's beautiful nature preserve and believes that it should be maintained and enhanced for current and future generations to enjoy and appreciate.

In 2022, Clay and his fellow Leadership Philadelphia Junto Number 5 group members helped Riverbend build new propagation beds on the preserve. They donated all of the necessary materials and supplied the needed volunteer person power to install them in place. Learn more in the sidebar on the next page.



Dr. Tracy Sainvil-Joslyn

Dr. Tracy Sainvil-Joslyn has 20 years of educational experience and has centered her focus and research on Educator Effectiveness and Evaluation and Nature-Based Science via Meaningful Watershed Educational Experiences (MWEE). In her spare time, Dr. Sainvil-Joslyn indulges in writing, cooking, meditating, laughing, and remembering how valuable it is to have time with her family.

Dr. Sainvil-Joslyn feels that Riverbend's mission speaks to the core of her educational philosophy. She believes we must empower children and adults to take action, specifically to conserve Earth's resources. This is how we can preserve what came before us. Her first experience with Riverbend was in the summer of 2018 when she participated in Philadelphia Children Access Nature (PCAN) and the Summer Science Inquiry Institute. Through the years, Tracy has been honored to see and support the growth and development of this program through active participation in Riverbend's Nature-Based STEM Community of Practice.

Participating in the Summer Science Inquiry Institute and the Nature-Based STEM Community of Practice has empowered Dr. Sainvil-Joslyn to continue learning about and advocating for environmental learning in our K-8 public schools. Nature has been such a source of healing for her, both professionally and personally. She feels that her work with Riverbend has helped broaden her leadership capacity in Science education and has helped her make authentic relationships with other advocates and educators of nature-based science.



Mike Werner

Mike has over 20 years of work experience in a variety of industries. Most recently, he has worked locally at Tandigm Health as the Vice President of Business Transformation. In that role, Mike works on developing and implementing their business strategy. Educationally, Mike has a BS in Finance from Villanova University and an MBA from the University of Notre Dame.

Mike has a fond memory of chaperoning a field trip with his children several years ago and remembers being impressed by the day's program and the area's beauty. When it comes to Riverbend's mission, he feels that Riverbend's commitment to educating children in the local and surrounding communities resonates with him the most.

Board Directors Blaze the Trail

n 2022, Riverbend's Board of Directors set a bold course for the near future, completing both a 3-year Strategic Plan and Riverbend's first-ever DEI plan. As environmental educators, we know that natural environments with greater biodiversity are stronger and more resilient. In turn, we aspire to be an ever more diverse, inclusive, and equitable organization. We commit to building a community where both our staff members and the students, educators, and families we serve, feel valued, respected, and engaged. The full DEI Plan and Strategic Plan can be found on Riverbend's website.

Riverbend also expresses its immense gratitude to outgoing Board Directors Angela Allevi, Dave Copas, Ellen Jordan, and Keith Pryor, whose terms ended in the last year. These dedicated leaders, and their fellow Board Directors, took an active role in crafting programming and strategy, and brought new resources and people to the team effort of sustaining Riverbend's critical mission.



Clay Hall and other members of Leadership Philadelphia's Junto Number 5 help Riverbend build propagation beds this past spring. The beds are used to start native plants and trees at Riverbend and transplanted to various areas around the preserve.

FINANCIAL REPORT 2021 & 2022

2021

Total Ordinary Income.....\$947,113*
Total Expenses.....\$752,112

*Riverbend also received \$144,380 in Federal PPP grants in 2021.

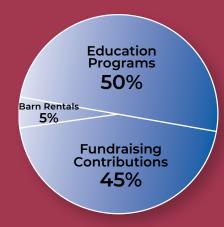
2022

Total Ordinary Income......\$1,105,579
Total Expenses\$953,261

Year Ended December 31, 2022

Statement of Financial Position

2022 Revenue



2022 Expenses



____10

In Kind Donations

Carlino's Market
Conshohocken Brewing Co.
DiBruno Bros.
Dock Street Brewery
Eagles Care
Evil Genius Brewery
Founding Farmers
The Gladwyne Market
Helium Comedy Club
Jim Herbert

Kiki Vodka McCaffrey's Food Market Mom's Organic Market Nothing Bundt Cakes Rosalie Solebury Orchards Trader Joe's Turning Point Wawa Yard's Brewery

Gifts in Honor

William Marx, Esq.

In Honor of Laurie Bachman

Peter Grove
In Honor of Brucie and Ed Baumstein

Lisa Hancock
In Honor of Tasha Childs

Julie Schwartz
In Honor of Danielle Curley

Kellie Braconier
In Honor of Ellen Jordan and Gretchen Cooney

Eleanor Miller

In Honor of Ellen Jordan

Annabelle Irey
In Honor of Caroline Siegfried

Jane Siegfried

In Honor of Peihong Tang

Guochun Xie
In Honor of Barley VanClief

Diane Reilly

Gifts in Memory

In Memory of Clemens Lazenka

Elizabeth Lazenka

In Memory of the mother of Jeff Martin

Michael Haines

In Memory of the mother of Rory McNeil

Michael Haines

In Memory of Erika Miller

Jennie Roach Royce Marcus Jane Kellar Paul Kellar

Seymour Thickman E. Peinemann & H.F. Terhart

In Memory of Harvey L. Nisenbaum

Sylvia Nisenbaum, Esq.

In Memory of Peggy Rhoades

Michael Haines

In Memory of Adam Sawoski

Joan Sawoski

In Memory of James Viscusi Sr.

Anonymous

In Memory of Alec Williamson

Gerald Dworkin

Lisa and Lars Williamson

In Memory of Jim Winsor

In Memory of Calvin Wolcott

Donna Winsor

Kristin Edwards

DONORS

2022

\$10,000+

ASTM International **

Arcadia Foundation
Brucie and Edward Baumstein
Carol Baker & Mark Stein
Doris and James Brogan
DuPont Specialty Products, USA
Enterprise Holdings Foundation
The Germeshausen Foundation
The Hess Foundation
Independence Blue Cross
PECO
The Powell Family Foundation
The Stratton Foundation
The Wright-Cook Foundation
WSFS Bank
Anonymous

\$5.000 to \$9.999

Dee and Nick Adams
Sarah and Cole Collier
Gretchen and Gordon Cooney
Barbara and Harry DeVerter
IFF
Pennsylvania Horticultural Society
Philadelphia Insurance Companies
Keith Pryor
Riggs Distler and Co. Inc.
Ruth and Sid Rosenblatt
Rosenlund Family Foundation
Shreiner Tree Care Specialists Inc.
Simon and Jill Herriott
Tandigm Health
TE Connectivity
Township of Lower Merion

\$2,500 to \$4,999

E. Murdoch Family Foundation
Janine and Bryan Franey
Franklin Mint FCU
Hassel Foundation
Sarah Greenstein
Ellen and Eben Jordan
Kate Svitek Memorial Foundation
Manko Gold Katcher and Fox LLP
Lainey and Trip McMahon
Neubauer Family Foundation
Angela Allevi and Jason Newman
Kristie and Peter Ressler

Jody Seibert 🏶 Viola and Christian Terwiesch 🕭

\$1,000 to \$2,499

Aqua America 🏶 The Alex J. Ettl Foundation Gwen Goodwill Bianchi Amanda Bruno Bryn Mawr Presbyterian Church Clean Harbors Comcast David Copas 🏶 Cotiviti, Inc Dolfinger-McMahon Foundation Kristin and Scott Edwards ** John Fistner Nancy Greene and Peter Grove AJ Healy Henrietta Tower Wurts Memorial Kylie Holland Jessica Keller Sean Kennedy Nancy and Dick Klavans 🦠 Kimberly Kupka and Jeffrey Spann Merck & Co. Miller Bros. Laurel and Edward O'Connor Mr. and Mrs. Gerald B. Rorer Bethany and Garett Shiner

Socius Partners
Shanin Specter
Sprague Foundation
Michelle and Samuel Stanford
Pam Stites
Jonathan Stump
Seymour Thickman
Lisa and Jeffrey Thomas
Mr. and Mrs. James J. Tornetta
The Wetherill School
Drs. Tamara Davis and Bruce Wightman
Lisa and Lars Williamson
Guochun Xie and Peggy Tang

\$250 to \$999

Anonymous

Monica and Les Alston
Drs. Melissa and Paul Anderson
Laurie Bachman
Krista and Greg Beach
Christine and Leif S. Beck
Biamp Systems
Frederick Bissinger
Mr. and Mrs. James M. Buck III
C&V Landscaping
The Catherwood Family Fund of the
Philadelphia Foundation
Diane Conner
Sara and Matthew Doelger

Erin Reilly and Patrick Doran Pearl and Steven Elias Nancy and Phillip Franey Cristina and David Fryman Mr. and Mrs. Thomas Gadsden Megan Quigley and Eric Gill ** Mr. and Mrs. Matthews V. Hamilton, Jr. Hardy Plant Society Anne Stokes Hochberg Annabelle Irey ** Christine and Brian Lobley Caroline and Christopher Manogue Royce Marcus Amanda Masucci 🦠 Mr. and Mrs. Howard McCoy Mother Compost Melissa and Steven Nielson Dyana and Jimmy Owens Arlene and Albert Perlstein 🏶 Diane and Steve Reilly Cynthia and William G. Roberts Meriam Zandi and Thomas J. Rush Bernadette and James Sharp Waverly Custom Homes Anonymous

Up to \$249

Edmond Doran

Mr. and Mrs. Robert Abramowitz Christa and Christopher Albek Benjamin Alden Mai Vy Alexander Bluestone Environmental Group MaryKate Boland Mary Kate and Eric Bolinder Allison Boyle Dennis Brogan 🦠 Cathy and Paul Chicos Joseph E. Colen, Jr. 🏶 **Kevin Coles** Mr. and Mrs. David Comroe Aulikki Copas 🏶 Graham Copeland Mary Jo Daley

Graham Copeland
Mary Jo Daley
Nancy Davis
Larissa DiStefano
Katherine and John Douglas
Elizabeth Rittenhouse and Steven DuPont
Laith Elias
Katharine Fisher
Anne and Gren Foote
Norah and Howard Goldfine
Jeff Grace
Allison and Andy Hamilton
Luke Hamilton

Luke Hamilton
Lisa V. Hancock
J. Barton Harrison
Laura Haynes
Michael Heilser

Riverbend deeply appreciates all donations. Gifts under \$50 are acknowledged on our website.

Thank you to our many Friends of the Bend for their long-term support of our mission.

 ⇒ = American Holly - Friends who have given annually for 10 to 19 years.

 ⇒ = Eastern Redbud - Friends who have given annually for 5 to 9 years.

Up to \$249 Continued

Dana Hibbard

Kate Jiggins

Mr. and Mrs. Leonard J. Keating Jr.

Mr. and Mrs. R. Mark Keating

Teresa and Josh Keesan

Jane Kellar

Paul Kellar

Anthony Kerlavage

Diane Koch

Goldie Kurtz

Brian and Adela Lang

Elizabeth Lazenka

Elaine Marquardt

Mary-Helen McCulloch

Martin Miller

Eleanor Miller

Percival Moser

James Nasuti

James Newman

Sylvia T. Nisenbaum, Esq. E. Peinemann and H.F. Terhart

Lauren and Nicholas Pennington 🦠

Ben Prusky

Molly Reynolds

Vesta and Surena Salehi

Sara Samimi

Joan Sawoski

Julie Schwartz

Kyra and Joshua Shapiro

Wenjing Shen

Jane Siegfried

Philip Sullivan

Lee Tabas 🦠

Kristin Topolewski

Dr. and Mrs. Stuart Weiner

Michael Werner

Sherrie Willner

Barbara Spillane Wilson

Donna Winsor

Sonya and Christopher Yohn

Thomas V. Zug Anonymous (4)

VOLUNTEERS

2022

Shiverfest Volunteers:

Mary Ann Ahearn Liz Amber Charles Atkinson Connie Atkinson Gerrard Atkinson Andrew Babb Lauren Ballaster Falina Baron-Hionis

Juanita Belt Constance Busin Matthew Chalissery

Sarah Collier Paloma Cordova Simon Dombar Nathan Doran

Charlotte Bellec

Tom Dougherty Guinevere Dunn Dash Durning

Bryan Franey Nancy Franey Phil Franey

Ava Gayl Marsha Gayl Meredith Gelles

Christy Giugliano Miriam Goldberg

Taylor Graham Paige Grau

Hannah Greenstein Sarah Greenstein

Christopher Guadagnino

Clay Hall

Quin Hammersley Barb Herbert Jim Herbert Robert Herbert

Naomi Hines Priya Johnson John Kandemir Dave Katan Dayton Kephart Hannah Kim

Brian Kingan **Boaz Livney** Melissa Livney Aileen Lutz

Heather McCarthy Marie Mullen Ella Murrav Jimmy Owens

Rachael Parker Lauren Pennington Nick Pennington Shane Pryor

Diane Reilly Stephen Reilly Linda Reinhardt **Emily Richmond** 12

Pat Ryan

Tracy Sainvil-Joslyn

Valeria Schuster

Anna Shashaty

Dalia Shashaty Gavin Slate

Katherine Slotnick

Nathan Smith Jonathan Stump Evan Udelsman

Michele Vessal Jenna Xue

Summer Teen Volunteers:

Milan "Mico" Carpiniello Charlotte Vivi Daly

Jack Daly Peter Daly Lucas Fraser Lauren Halak

Hanina Hecker Max Keefe

Charles (Charlie) Krieg Meara Lim-Goyette

Shane Pryor Max Schmieder David Shen Nicholas Silvers Sol Zhou

Individual Volunteers:

Vicente Pena Sara Robinson Amy Hertzog Jim Herbert Lauren Halak Kristine Olley Jackson Stuart Katherine Russell

Volunteer Work Days:

Leadership Philadelphia Shipley 11th Grade Shipley Middle School Earth Day Tree Planting ASTM Episcopal Academy 7th grade Episcopal Academy 12th grade The Baldwin School Episcopal Academy 6th grade

Fall Family Tree Planting Day

Merion Mercy Academy





1950 Spring Mill Road Gladwyne, PA 19035

NONPROFIT ORG. U.S. POSTAGE PAID PERMIT NO. 1033 CONSHOHOCKEN, PA

19428











2022 IMPACTS BY THE NUMBER

teachers received professional development in naturebased STEM learning from Riverbend.

lessons taught in classrooms by our environmental educators.

volunteers helped us maintain the native species on the preserve.

students engaged through our school programs and nature camps.

people welcomed to the preserve at 9 public events.

trees planted.

Made possible by a TreeVitalize Watershed Grant managed by PHS with funds from PA DEP and Aqua.

Shiverfest tickets sold for our first year back since 2019.

68%

of our program visits benefited at lowincome students.

days a year that our preserve remained open to the public.