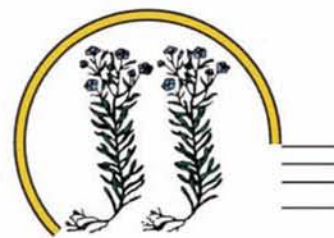
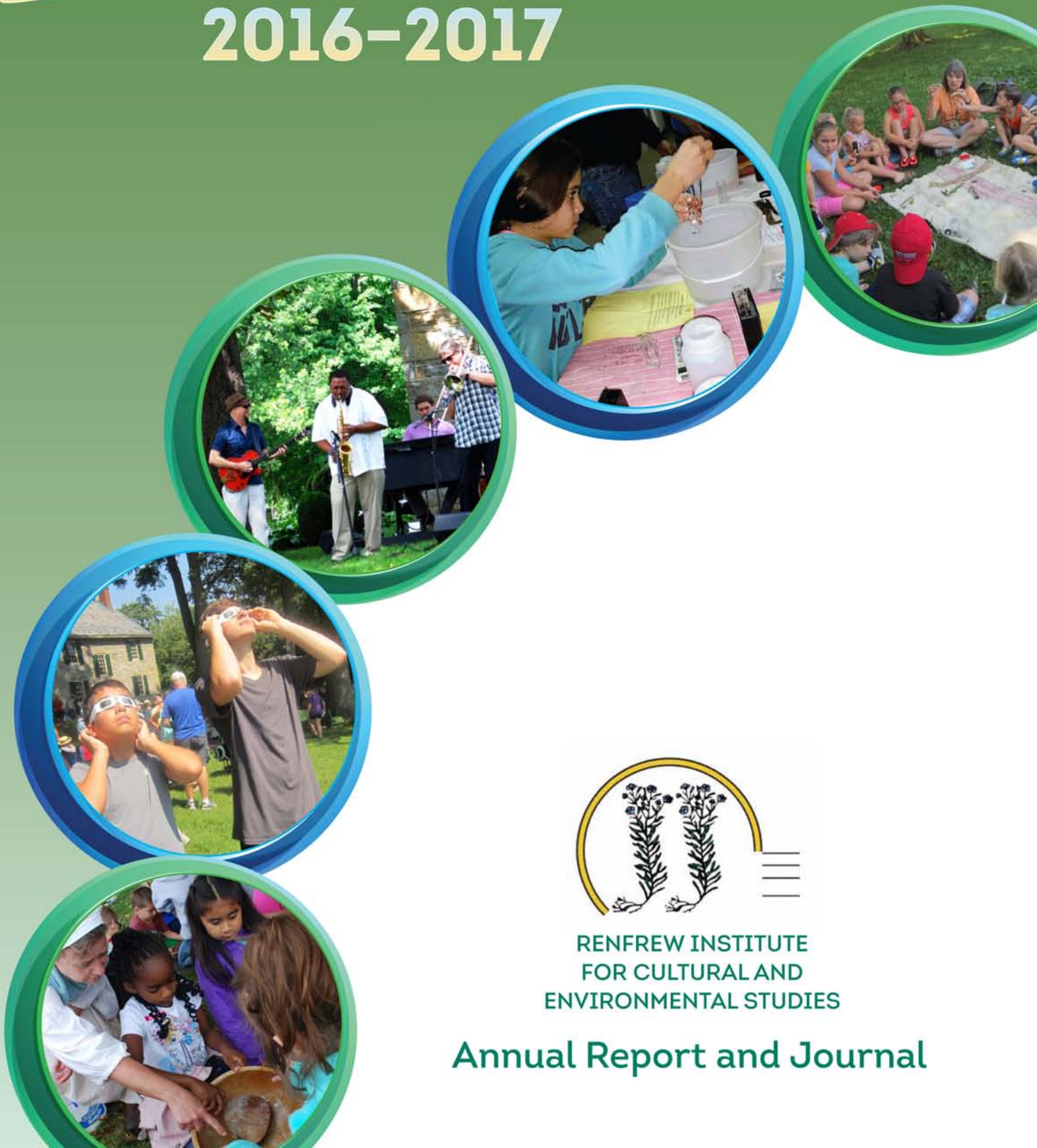


Streamside

2016-2017



RENFREW INSTITUTE
FOR CULTURAL AND
ENVIRONMENTAL STUDIES

Annual Report and Journal



Bay Supper Fundraiser 2017



Renfrew Institute's 20th Annual BaySupper Fundraiser was a record-breaking success! Proceeds after expenses **\$18,158!!** See page 21 for details! Mark your calendar for next year... Friday, June 22, 2018



Streamside Sponsors

Publication of *Streamside* is made possible through the generosity of our sponsors. This issue is funded in part through grants from:

John & Erin Hershey

**Martz Plumbing,
Heating & AC**

Patricia O'Connor

**Dennis L. Koons
of Raymond James
Financial Services, Inc.**

Lucinda D. Potter, CPA



MISSION STATEMENT

Renfrew Institute's mission is to guide the people of the Cumberland Valley Region to become stewards of their natural and cultural worlds.

Winter 2018 • Vol. 28



From the Executive Director Tracy Holliday

Meet the New Director!

As a young mother with two children in tow, I first appeared on the Renfrew Institute scene in 1992 as a volunteer at the invitation of friend and institute board member, Andrew Sussman, where I assisted with planning for

the third annual Youth Festival.

I was truly impressed with the institute's passionate staff and fun loving fellow committee members. My volunteer involvement continued through spring of 1996 when I was approached about joining the institute's staff, as outgoing assistant director, Trish Sheppard relocated to Massachusetts.

That happened to be the year my youngest child would begin first grade, so I happily seized the invitation for a spot on the faculty and administrative staffs, excited about new professional opportunities and collegial relationships.

In the ensuing years, I've worn many institute hats...secretary, schedule master, faculty member, assistant director, grants administrator, associate director, photographer, newsletter contributor, four-square gardener, flax and small grains cultivator, Salamander Scrambler, partnership builder and all around cheerleader. Even in my new role as executive director, I'll be rooted to that initial involvement with this year's 29th Annual Youth Festival!

For the past quarter-century, I've witnessed the institute grow and thrive, thanks to the efforts of many. My colleague, the institute's "fearless leader" since 1993, Melodie *Earthwalker* Anderson-Smith has led with boundless energy and wisdom. [see history/tribute on page 3] She nurtured my own nonprofit leadership skills in what turned out to be an extended on-the-job-training session lasting 23 years.

I assume the role of executive director confident that the right ingredients are in place for continued fulfillment of the organization's mission. Institute faculty staff members are a supremely loyal and resourceful group of professionals who deliver the program magic joyfully.

Our seasoned administrative team is extremely hard working, well networked, forward looking and creative. A steady stream of dedicated individuals has served over decades, and new highly-engaged "givers" continue to serve as the organization's directors and trustees.

Current board president Jay Heefner has been instrumental and attentive to ensuring the organization's strategic plan will serve as a roadmap for the near and longer term future. Legions of community members have been, and continue to be generous supporters and worker bees, helping to keep it all going.

continued on page 2



PRESIDENT’S MESSAGE: A Year of Changes

2017 has been a very busy year for Renfrew Institute and the board of directors! We have completed a very successful transition in our executive leadership. As most of you know, our long time executive director, Melodie Anderson-Smith, has entered into semi-retirement. However, she remains quite active at Renfrew in her “new” part-time position as director of environmental studies.

Transitioning into Mel’s old job we are so lucky to have Tracy Holliday assuming the position of executive director. Tracy brings a wealth of experience with her Renfrew Institute background. And, to assume the position of assistant director, we welcomed aboard Jessica Watson. [see article on page 26]

The great news is this major transition has been very, very smooth. Renfrew Institute’s operation and mission have not missed a beat! It certainly has made my job as president so much easier.

My wish for 2018 is the continued success of the institute’s youth and adult programs. There is so much work that goes into the planning of these programs. But, with the staff and committees we have taking lead ownership, success is always a given! An additional wish is for as many of you as possible who have not participated in, or observed these programs in action to make a resolution to do just that! You’ll be amazed!

Renfrew Institute has become one of the Waynesboro area’s educational gems! On behalf of the board of directors I extend my personal thanks to you for your continuing contributions to its mission and success!

Jay Heefner

Meet the New Director *continued from pg. 1*

Community partnerships and alliances abound, creating a “sum of the parts” that exceeds what we could accomplish on our own.

I am so proud of Renfrew Institute, and grateful to all who have helped the organization become a valued community resource.

It is my honor to lead the charge,

to continue to deliver excellent educational offerings and inspiring experiences, forge new alliances, invite new explorations and guide the institute into the next decade.

We hope you enjoy this issue of *Streamside* as you learn more about the institute’s work, and ways in which you may become involved.

Join us! There is much to anticipate, from citizen science (*see page 14*) to Shakespeare in the Park (*see page 36*).

Finally, I extend thanks to you for your unwavering belief in and support of Renfrew Institute’s mission!

Tracy Holliday

In this Issue:

20th Annual Bay Supper.....	Inside front cover	Welcome Jessica Watson.....	26
Meet the New Director	1	Departing Board Members	27
President’s Message	2	Memorial–Honorial Donations.....	28
Cultural Currents	4	Summer Institute.....	29
Earth Day Artistry Awards & Celebration.....	8	Jazz Festival	30
Downstream	10	Intern Project.....	30
Citizen Science.....	14	Professional Development—Shank’s Mill.....	31
Membership	16	Salamander Scramble	32
Our Sponsors.....	18	Pumpkin Fest Recap	34
Spring Happenings.....	19	Financial Report	34
Youth Festival	20	Endowment Fund Report	35
Chesapeake Bay Supper Recap	21	Garden Corner	38
Board of Directors.....	22	Welcome New Members	39
Welcome New Directors	22	Calendar of Events.....	40
A Trio On Top of the Mushroom	24	School Programs.....	Inside back cover

Endings...and Beginnings!

A History and Tribute

In his 1980s groundbreaking book, *Transitions*, English professor William Bridges declared that every transition begins with an ending and ends with a beginning.

Renfrew Institute's beginning was envisioned by then Renfrew Museum and Park curator, James Smith. In the fall of 1986, the Museum and Park instituted a school program series called *Man and His Environment*.

A seed is planted

Growing from the kernel of an idea planted by then stay-at-home mom and former early childhood classroom educator, Melodie Stewart, the program combined studies in historic farmstead life and environmental education.

Melodie had approached James with an interest in the creation of a nature center on the site of Renfrew Museum and Park.

James envisioned an educational alternative to the establishment of a nature center as a means of advancing Renfrew's mission by interpreting the ways in which the early Pennsylvania German inhabitants of the farmstead were dependent on and shaped by the natural world that surrounded them.

The resulting series of lessons took elementary school students beyond observations of the material culture they left behind, combining an interpretive history lesson with an environmental science experience.

Taking root

The educational series blossomed from 360 student visits in the fall of 1986 to more than 7,000 throughout the next three years.

As popularity of these educational offerings grew, so did the costs of administering and delivering programs, becoming unsustainable for the museum.

It was at that juncture that James recognized the value of establishing a separate 501 (c) 3. In 1990, Renfrew Institute was officially established with a charge of developing, delivering, administering and funding educational programs on the site of Renfrew Museum and Park.

James served as executive director of the institute during its infancy until 1993, when Melodie was hired as executive director.

A vision for the future

In an article that appeared in the *Record Herald* in May 1989, James stated that he saw Renfrew Institute as "a teaching and learning facility that will serve students from pre-school all the way through graduate school and beyond."

Just as he had envisioned at its inception, the institute continues to "help the people of our communities gain an understanding of the relationship between themselves and the natural world around them, and to instill in those communities the importance of preserving the richness and diversity of their cultural and natural heritage."

Vision fulfilled

The organization currently serves students from pre-school through grade six with its school program series. Through partnerships with several regional colleges and universities, it also serves undergrad and graduate student interns.

In addition, a full range of experiences delivered through the institute's Adult/Teen education series engages learners of all ages. Family festivals and celebrations throughout the year help connect people to the past, to the natural world, to Renfrew Park and to one another.

Nurtured and sustained over decades, Renfrew Institute has grown to its present iteration under the unwavering leadership of the woman we now know affectionately as *Earthwalker*, Melodie Anderson-Smith. Through her steady and capable guidance, a corps of talented and devoted professional staff colleagues was cultivated. They continue to serve, fulfilling James's early vision formulated nearly three decades ago.

Transitions

For Melodie, the recent end of her 24-year tenure as the organization's executive director does truly represent a beginning. Freed from the responsibilities of overseeing the now sizable day-to-day operations, she is able to narrow her focus in her new half-time role as Director of Environmental Studies, a continuation of the work in which she has been passionately engaged over decades.

For Renfrew Institute, this end is also a beginning...a time in which new education initiatives may come to life, and new partnerships nurtured as the organization continues to serve the community with experiences that inform, entertain and inspire.

It is my honor to recognize, with gratitude, James's and Melodie's shared vision that seeded the beginning of Renfrew Institute. Together, they harnessed that vision and inspired many to join them.

I invite each of you, old friends and new, to journey with us into "next things" as Renfrew Institute looks to the future and celebrates beginnings!

Tracy Holliday

Cultural Currents

with Marty Zimmerman

EDITOR'S NOTE: *Cultural Currents* is a regular column in this publication. It features articles about past ways of life in our area, and strives to help us better understand our cultural heritage.

The author of this article is a graduate student completing his master's degree in Applied History at Shippensburg University. He was an intern with Renfrew Institute for several months in the fall of 2017.

AUTHOR'S NOTE: This project was developed over the course of my internship with Renfrew Institute. The Executive Director of the institute, Tracy Holliday, Pam Rowland, institute Director of Cultural Studies, and Dade Royer, Executive Director of Renfrew Museum and Park, encouraged the work represented here, and concluded that this research would assist the staff of both organizations to interpret the history of this site, a community gem. I thank them profusely for their support, and hope this serves both entities well.



INTERN REPORT: Spiritual Heritage of the Royer Family

An Introduction to Daniel and Catherine Royer

Renfrew Museum and Park and the Renfrew Institute occupy what used to be a thriving early nineteenth-century farmstead that included a stone house, a barn, a smokehouse, a milk house, fields, a gristmill, a tannery, a large-scale kiln, and an assortment of outbuildings.

The farmstead was owned and operated by Daniel Royer, his wife Catherine (Stoner), and their ten children.

The Royers were members of a large faction of early German settlers, a group known as “Pennsylvania Germans,” which was comprised of several different religious sects.

Some have described the Royer family's faith as German Baptist, and others categorized them in the German Reformed Church.

After much research, it appears that the Royers were members of the Brethren Church.

Why is there value in determining the spiritual heritage of the Royer family?

Religion motivates people, influences behavior, and promotes a certain lifestyle. To understand Daniel Royer, it is prudent to explore what shaped him, what encouraged him to live life as a community-minded man.

Unmasking his religion provides us with a more complete portrait of the man.

There is a lack of primary source material concerning the Royers (original journals, diaries, letters, newspapers, etc.) in the Renfrew collections. Yet, enough evidence is available to reveal the kind of Protestant faith Daniel and his family practiced.

In Search of Daniel Royer's Heritage

The discrepancy with regard to the spiritual heritage of the Royers is due largely to the lack of original documents.

In search of such sources, I scoured the local Waynesboro library and visited the Cumberland County and Blair County historical societies, as well as the Blair County Genealogical Library. I also consulted with several local historians—all in the hope of finding conclusive evidence that the Royers were of a specific religious sect.

I believe I found enough evidence to place the Royers in the local Church of the Brethren.

The term “heritage” implies a need to look back to previous generations. What did Daniel's ancestors pass down to him in terms of a religious faith?

Tracing the Royer lineage back takes us to Sebastian (Royer) Royer.

Sebastian Royer—The First Royer

Sebastian Mathias Royer (1676–1758) emigrated from the Palatinate region, located between France and Germany, because of religious persecution.

In 1726, he and his sons, Emig (Amos), George, Samuel and Henry, arrived in the Philadelphia area and eventually settled in what is now Brickerville, in Warwick Township, Lancaster County, Pa. A widower, Sebastian married his second wife, Agnes Flockirth/Flockerth, and they had three daughters.

Sebastian was a strict Lutheran, as noted by Reverend J.G. Francis in his tome concerning Sebastian Royer and his descendants.

In this book there is a story in which Sebastian is confronted by his older sons. Upon reaching Pennsylvania the boys informed their father of their decision to practice their faith as they saw fit, attending church services where and when they chose.

Sebastian, according to the story, was heartbroken and wished he had never set sail for Pennsylvania.

continued on page 5

Cultural Currents: Spiritual Heritage of the Royer Family continued from page 4

If factual, this second generation set in motion a fluidity in faith. Separating themselves from their strict father enabled the young men to forge a faith that they were passionate about, rather than embracing a dogma that was handed to them.

Upon his death in 1758, Sebastian was buried in the cemetery adjoining Brickerville Lutheran Church. His son, Samuel is also buried there. Apparently, not all of the boys abandoned the ideology of their father

Samuel Royer— Daniel's Father Comes to Franklin County

The timeline becomes a bit skewed at this point. Samuel's son, also named Samuel, was born in 1738 in Warwick Township. He married Catharine [Laubsher/Lampshear] in 1761 in Lancaster County, and in 1768 they migrated to the Five Forks area in what was then Cumberland County, Pa. (Franklin County was formed in 1784.)

Samuel served as a captain in the Cumberland County Militia during the American Revolution.

Following the war, Samuel struggled financially. He and Catharine had six children: Daniel, Samuel, John, Jacob, Elizabeth, and Catharine.

Upon his death in 1823, Samuel was buried in what is locally recognized as the Mack or Mack-Royer Cemetery. It is referred to as the Mack Cemetery because it contains the remains of Johannes Mack, son of Alexander Mack, the founder of the Church of the Brethren.

The question of why Samuel and members of the Royer clan are buried in the Mack Cemetery is unknown. Daniel's brother, Samuel (Samuel Jr.), married Susannah Mack, thereby cementing a connection between the Royers and the Macks. Samuel Jr. and Susannah suffered the loss of a 5-year-old

child, a boy named David. David and his grandfather, Samuel both died in 1823, and both were buried in the Mack-Royer Cemetery.

It may be because of those deaths that later, in 1838, when Daniel Royer and his brother, Samuel Jr. died, they were also buried in the Mack Cemetery. Aside from this familial connection, another possible reason for the Royers being buried here is that they, along with the Macks and the Stoners (Catherine Royer's family), all belonged to the same Brethren congregation, locally recognized as Price's Church.

Defining the Church of the Brethren

In 1708, Alexander Mack founded the Church of the Brethren. They were cast as radicals in Europe and fled from persecution by both Catholics and Protestants associated with established or state-sponsored churches, primarily the Lutheran and the Reformed churches.

They *were* radicals, as they were influenced by Anabaptist theology and "radical pietism." In the shadow of the Reformation were spiritual leaders that believed it had not gone far enough in establishing a church that honored Christ.

Anabaptists "didn't want to merely reform



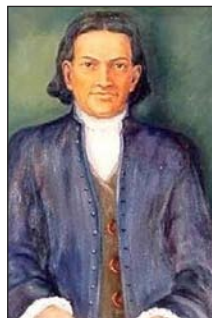
The Mack Cemetery near Waynesboro, Pa. Some prominent figures in local history are buried here, including several Royers, as well as Johannes Mack, the son of Alexander Mack, who founded the Church of the Brethren. Photo by Marty Zimmerman.

the church; they wanted to wholly restore it to its initial purity and simplicity. Such a church, they held, consists only of people who present themselves to be baptized."

Their ideas concerning baptism earned them intense persecution. Unlike the Catholic Church and other Protestant denominations, which practiced infant baptism, the Anabaptists baptized adults. The term *Anabaptist* literally means to be baptized again.

The Brethren formed just one denomination under the umbrella of Anabaptists, and they practiced triune immersion in their baptismal services. The candidate kneeled in shallow water and was dunked three times in a forward position, representing the Father, Son, and Holy Spirit.

The Anabaptists supported the idea of separation of church and state, so that the church could operate without governmental interference. They also opposed church hierarchy and preferred the idea of congregationalism, where each congregation governed itself in a democratic style. These beliefs separated the Anabaptists from their fellow Protestants and earned them scorn and derision.



Alexander Mack, who founded the Church of the Brethren. His son Johannes Mack is buried in the Mack-Royer Cemetery near Waynesboro, Pa.

merely reform

continued on page 6

Cultural Currents: Spiritual Heritage of the Royer Family *continued from page 5*

Alexander Mack was also influenced by “radical pietism.” Pietists “stressed a personal experience of salvation and a continuous openness to new spiritual illumination. They also taught that personal holiness (piety), spiritual maturity, Bible study and prayer were essential towards ‘feeling the effects’ of grace.” These teachings stressed the importance of the individual strengthening his or her own faith.

Mack’s teachings eventually became rooted in South-Central Pennsylvania in what became known as the Antietam Congregation. In 1752, John Price traveled to the area and became a minister in one of the Antietam Congregation’s five churches.

This church would become known as Price’s Church, and it existed for decades before a church building was constructed. As reported by J. Linwood Eichelberger in *A History of the Church of the Brethren in Southern District of Pennsylvania*, the congregants “were willing to open their homes in a hospitable manner in accord with the teachings of the New Testament. They not only ‘entertained strangers’ but opened their homes to the community where all who would could meet and worship God and study His Word together.”

This was a community-minded church family that took pride in fellowship with one another, and offered hospitality to outsiders.

The Antietam Congregation and the Royers

Reverend Eichelberger’s edited volume contains a key piece of evidence for my claim that the Royers were in fact Brethren, and it is succinctly spelled out. It states that, “Among the more prominent families in the church before 1800, were the Bonebrakes, Foremans, Friedleys, Holsingers, Kneppers, Macks, Prices, Royers, Stovers, Snivelys, Stoners, and Snowbergers.”

This brief passage reveals that there was a common thread that ran between the Royers, Macks, Stoners, and Snowbergers, and may explain how the families were joined together via marriages.

These families were neighbors, but beyond that it would seem that they were also acquainted through their shared faith. The information from Eichelberger’s edited history, coupled with where Daniel and Catherine are buried (the Mack Cemetery), points to the conclusion that the Royers practiced the Brethren faith.

Some may find it difficult to reconcile the Brethren’s pacifist stance with the military service of both Daniel and his father, Samuel. However, an article from the Conestoga Area Historical Society reveals that unlike the Quakers, members belonging to the Church of the Brethren had more latitude in making a personal choice in whether or not to serve in the militia.

This seems to fit the nature of the Church, which permitted the congregation to govern itself. It promoted the idea of each member following their conscience in

strengthening their own faith. Although the Church may have preferred a pacifist attitude, the ultimate decision fell to the individual.

Daniel may also have considered the repercussions of not serving in the militia, given his prominence in the community—choosing not to serve may have stifled his fruitful business ventures.

The Royer Legacy

To measure the vibrancy of the Royers’ faith, one need only read a letter written to Daniel’s son, Samuel from his second wife, Martha. The letter, from the Blair County Historical Society, was a rare primary source discovered in my research.

In the letter, dated March 29, 1844, Martha recounts some of the events unfolding in Hollidaysburg, news about local ministers and about the death of a local man.

Towards the middle of her letter she writes:

“My dear Samuel, my soul this morning is filled with love and gratitude to God since commencing to write looking

continued on page 7



The Royer United Methodist Church on Royer Road in Williamsburg, Pa. (Blair County) bears the name of Samuel Royer, Daniel’s son. The author states that Samuel showed a certain fluidity regarding personal faith, demonstrated by his move to a (then) Methodist-Episcopal church upon relocating to Williamsburg. The Royers enjoyed a good reputation in Blair County and were generous in giving land and money to their community. A church and a school were established because of the Royers in Blair County. Photo by Marty Zimmerman.

out of the window thinking what I should write at the same time viewing the works of creation and providence and also brought to reflect on what the Lord has done for my soul. I am constraint to magnify my great Creator Preserver, and Redeemer and exclaim of the length, breadth, height, and depth of the love of God. Glory be to God for such provision wrought out for poor, sinful man."

The language is striking because it reveals a depth of character in Martha Royer. Surely, her husband shared some of her ideas and beliefs about God and what it meant to live as a Christian. It seems certain that Samuel learned the basic tenets of the Christian faith from his parents, Daniel and Catherine.

Although I write with certainty that the Royers were indeed members of the Church of the Brethren, there is no evidence that reveals how dutiful they were in practicing their faith. There are no personal Bibles, no church attendance records, nothing tangible to indicate how "religious" they were.

Apart from assigning them to a certain faith or denomination, the Royers lived life according to Christian principles. Daniel's farmstead in Waynesboro and his son Samuel's iron operations in Blair County demonstrated that the Royers were committed to their communities, and worked to provide goods and services to their neighbors.

In Conclusion

My conclusion is based on the evidence I found during extensive research for this project. Should something be found to contradict my interpretation, I am open to discussion.

This project developed out of collaboration with local historians and experts, historical societies and libraries. Sharing knowledge and



The Samuel Royer Mansion in Blair County, Pa. was built by Daniel and Catherine Royer's son, Samuel, who was prominent in the iron and coal industry. Photo by Marty Zimmerman.

resources is a good practice and allows many people to benefit from joint effort. I hope more projects like this will come about.

I am grateful for the support given me by the Renfrew Institute and the Renfrew Museum & Park, and appreciate the opportunity to have this article published.



Author Marty Zimmerman, Renfrew Institute intern and Shippensburg University (SU) graduate student, visits Renfrew's Pennsylvania German 4-square garden. Photo by Dr. John Bloom, SU professor of history and graduate internship director.

References:

- Metz, W. Ray and Hoenstine, Floyd G. *The Royer Family—Ironmasters of Blair County: Historical Sketch of Springfield Furnace, Cove Forge, and Franklin Forge*, p. 10. 1951.
- Francis, Reverend J.G. *Genealogical Records of the Royer Family: or more especially those of Sebastian Royer's Family*, p.8. Lebanon, Pa. 1928.
- Christianity Today, Issue 28.
- "1525 The Anabaptist Movement Begins." [accessed Nov. 28, 2017 via Christianity Today.com].
- Eisenberg, J. Linwood. *A History of the Church of the Brethren in Southern District of Pennsylvania, Quincy, Pennsylvania*. Quincy Orphanage Press, p.9. 1941.
- The Conestoga Historical Society.
- "The Pennsylvania Militia." [accessed on Nov. 28, 2017 via Ancestry.com].
- Waynesboro Church of the Brethren.
- "A History of The Waynesboro Church of the Brethren," Waynesboro Church of the Brethren. [accessed on Nov. 28, 2017 via www.cobwaypa.org]
- Martha (McNamera) Royer, Letter to her husband, Samuel, March 29, 1844. [From the collection of the Blair County Historical Society in Altoona, Pa., and used with permission courtesy of Cindy Rajala, Curator.

EDITOR'S NOTE:

Those interested in an in-depth study of this topic may find Marty Zimmerman's full research paper on Renfrew Institute's website: renfrewinstitute.org Find the Internships page tab under the About menu.

2017 Environmental Artistry Awards Honor Charles (Charlie) Brown

This year's award was presented to Charles (Charlie) Brown by local artist and historian, Becky Dietrich during ceremonies at Renfrew Institute's Earth Celebration Day on April 29, 2017.

This is an excerpt from Becky's presentation:

When Charlie Brown, originally from Hagerstown, Md., moved from Buffalo, New York to Chambersburg in 1994, he began to pursue art full time. He had taught art in Buffalo and painted whenever he had a chance from his full-time job.

Charlie, my dear good friend, was not only a mechanical engineer and artist, but I call him my *rocket scientist!* He played a significant role in developing rockets for space exploration. After 40 years on the job, he retired and joined us here in our valley, for which I am grateful.



Artist Charles (Charlie) Brown, left, received the Environmental Artistry Award from fellow-artist and former award winner, Becky Dietrich. Photo by Tracy Holliday.



Several paintings by Charlie Brown were on display during the Earth Day event. The artist is in the background, chatting with a visitor. Photo by Tracy Holliday.

He is one of the “Monday Painters” who meet at my house every Monday from October through April. All summer long, we meet in various places throughout the Cumberland Valley to paint on location.

And I must add that Charlie has been a boon to our group with his recommendations when we need guidance with our watercolors.

When he is not painting, Charlie is a superior cabinet-maker and he also designs and fabricates scale models from his meticulous drawings of construction and service vehicles, complete with their lifts and intricate functions. On display today you can see photos of his models as well as his excellent watercolor paintings of Renfrew's harvesting events.

Charlie Brown has been selected by the Renfrew Institute to receive this year's Environmental Artistry Award for his outstanding contributions.

Becky Dietrich



Earth Celebration Day Brought Crowds to the Park

In addition to dozens of exhibits by environmental groups and artists, Earth Day included the Ed Miller memorial tree planting arranged by the Shade Tree Commission, Waynesboro Lion's Club and Renfrew Museum, Slim Harrison's Sunnyland Band, and the annual Earth Day proclamation. Thank you to our event sponsors, Angela Grove Weagley, Lucinda D. Potter, CPA, and Millennium 3 Energy. Photos by Tracy Holliday.



A Letter of Tribute and Thanks...

Hello Everyone,

With a happy heart and the best career memories a person could ever have, I greet you in this season of renewal and energy. It's a new year, time to start afresh, summon new energies and set goals.

Granted, with age our "batteries" take a bit longer to charge. However, I'm inspired with each new day.

It has been six months since I stepped down as executive director of the institute—just enough time to readjust, pass the torch and relish sleeping in on a good many mornings!

Some thanks and tributes are in order. All of you reading this have touched my life in some way. The connections we have with each other are truly amazing, reinforcing and sometimes indirect.

I THANK YOU for the synergy that swirls through Renfrew Institute, affecting every entity of the organization.

A tribute to my family. My maternal grandmother, Jammy, gave me a love for nature, especially it's flowers (the Earth's way of smiling). She was an artist with an eighth-grade education, a few art classes and a lot of natural talent.

She painted, sculpted, crafted and passed down her love of everything beautiful on the planet.

Her husband, my grandfather, brought music and gentle smiles to us grandkids every time we were together.

My paternal grandmother, Annie, was a bird lover. Upon arrival at her house, it was a quick sprint to the dining room window to watch her well-fed "redbirds" (cardinals) at the window feeder.

My mother was a career first-grade teacher and church organist who taught me that curiosity is always the best teacher and that exploring the natural world will keep a little girl busy for hours at a time.



Former Renfrew Institute executive director, Melodie Anderson-Smith, looks to the past and to the future in her new role as director of environmental studies. Photo by Tracy Holliday.

My dad was a generous community guy, civic leader and loving father. I learned from him about organization, speaking to groups and "making a difference."

My sister continues to be my cheerleader, loving me no matter what.

My husband and best friend, James, paved the way for me at Renfrew. He is my solid rock and my loving champion. My children, stepchildren and grandchildren are the joys of my life. THANK YOU.

A salute to the RI staff and board. What a committed, caring, talented "family" of professional colleagues! To Tracy (Holliday), now RI executive director, my heartfelt THANK YOU for taking the reins with confidence, care and passion. Your experience and vision will carry the institute forward for the benefit of all.

Pam (Rowland), director of cultural studies, Andi (Struble), director of public relations, Bev (McFarland), accounts manager—as admin staff you provided for me (and continue to provide) the "magic" that makes every program, every event, every meeting buzz with efficiency, attention to detail, creativity and excellence.

Jessica (Watson), our new assistant director—wow and bravo! Having you aboard completes the circle of administrative strength. Welcome!

To our faculty...it is an honor to work beside you, to see your students' faces light up with excitement and discovery, thanks to your skill and passion.

To the institute board of directors, current and past...your dedication to the mission, your support of the staff, and your joy in serving the community cannot be overstated. THANK YOU.

Jay Heefner, good friend and supportive president...thanks to your presence by my side, your counsel and your care, my last years as ED were so rewarding. THANK YOU.

Recent president Maxine Beck and those who came before, THANK YOU for being there every time, through the tough decisions as well as the easy ones. Your expertise, patience and wisdom provided wings so we could lead together with depth and skill. THANK YOU.

And to the members and friends of Renfrew Institute... you sustain with your donations, you believe with your attendance, you inspire with your suggestions. The institute would not exist without you. THANK YOU.

I look forward to a few more years of professional life with RI. And there's always volunteering. There are programs to develop, children to nurture, interns to coach, projects to organize and so much yet to learn.

Renfrew Institute is a well-oiled, fast-moving train with so many cars they disappear behind the bend. Let's keep 'em rolling!

With my sincere gratitude and best wishes for the new year,

Melodie

Melodie Anderson-Smith
Director of Environmental Studies

Downstream

with Benjamin Bender

EDITOR'S NOTE: *Downstream* is an occasional column in this publication. It features articles about environmental awareness and action that can help us be better stewards of our natural heritage. Articles about other important aspects of the natural world also appear here.

Benjamin Bender graduated in December 2017 from Penn State University with a bachelor of science degree in Recreation, Park & Tourism Management. He was an intern with Renfrew Insitute for several months in the fall of 2017.

INTERN REPORT:

The Storied Past of a Dangerous Disease



Lyme disease seems to be a household name these days. The dangers of the disease are on the lips of every outdoors person warning others of the deer tick (*Ixodes scapularis*).

Most have heard of the bulls-eye rash and the joint pain and other telltale signs and symptoms.

But where and when did it start? Who first described it? How did we get where we are with the disease today?

Dr. Rudolph J. Scrimanti published the first occurrence of a sign of Lyme disease in 1970:

“To my knowledge, this is the first case of *erythema chronicum migrans* in the United States. Eruption and radicular pain followed a wood tick bite. Treatment with benzathine penicillin G (Bicillin) was curative.”¹



Erythema chronicum migrans, the “bull’s eye rash” commonly associated with the bite of a deer tick and subsequent onset of Lyme’s Disease. Image source: www.enacademic.com

Erythema chronicum migrans is a sign of Lyme that refers to the expanding “bulls-eye” shaped rash that is often seen as an early sign of infection. Note that this is not a skin reaction but rather a manifestation of the bacteria under the skin.

Doctors had seen erythema migrans in Europe but this case in Wisconsin was the first case seen in the United States. The bulls-eye rash is also a sign of southern tick-associated rash illness (STARI), which is not related to the Lyme disease bacteria.

Mysterious Disease in Lyme, Connecticut

In 1976 the Connecticut State Department of Health released Circular Letter #12-32. This letter to Directors of Health detailed 51 cases of mysterious symptoms in residents of Lyme, Connecticut and its surrounding communities. The letter states that there were 4.3 cases per 1,000 residents. Thirty-nine of the original 51 were children.

The symptoms varied between individuals: “It has been characterized by usually short and mild but often recurrent attacks of pain and swelling in a few large joints, especially knees, with longer intervening periods of no symptoms at all. No patients have had permanent injury to joints. Although almost half the patients had only joint symptoms, others had fever, headaches, weakness and a skin rash as well. One

quarter of the patients had an unusual skin lesion before the onset of joint symptoms.”²

Medical professionals considered arthritis to be the cause of the symptoms. They speculated that the arthritis was being transmitted by biting insects because of the presence of a skin lesion. Blood studies conducted at the time were unable to find any definite causal agent.

Dr. Douglas S. Lloyd, Commissioner of the Connecticut State Department of Health, pressed in this letter that they should find the cause of the disease before they took measures to “prevent contact with an unknown virus carried by an unknown insect...”² as it might cause panic.

Identifying the Cause

The first person to isolate the bacteria that causes Lyme disease was Dr. Wilhelm “Willy” Burgdorfer. He was a medical entomologist from Switzerland who studied at the Swiss Tropical Institute.

His studies there focused on the *Borrelia* bacteria that were causing relapsing fever in Africa.

Borrelia duttoni bacteria are found in the soft-bodied tick *Ornithodoros moubata*. *B. duttoni* is a *spirochete*. It is important to note that a spirochete is a spiral-shaped bacteria that causes these

continued on page 11

Downstream: The Storied Past of a Dangerous Disease continued from page 10

diseases. Spirochetes have tiny flagella that move, allowing the bacteria to “swim” and travel throughout the host.

All forms of *Borrelia* are spirochetes, though not all tick-borne illnesses are caused by spirochetes. *Rickettsial* bacteria, such as the ones that cause Rocky Mountain spotted fever, are more likely to be shaped like small rods and are easily discernible from spirochetes by a trained eye.

To detect bacteria in a tick, it is dissected. The hemolymph, roughly the blood of the tick, is collected, usually by removing a leg. The hemolymph is smeared on a microscope slide and chemically stained. The stain highlights the cells being viewed in the sample, allowing the viewer to see them more clearly. Dr. Burgdorfer used this method to find the spirochetes in ticks that were causing the relapsing fever in Africa.

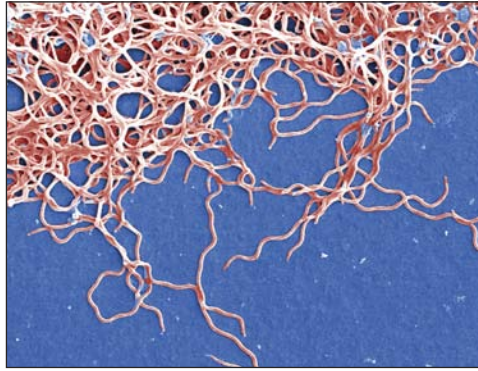
Dr. Burgdorfer's Breakthrough Discovery

Dr. Burgdorfer came to the United States in 1951 to work at the Rocky Mountain Laboratory in Hamilton, Montana as a Research Fellow. His research focused on ticks and tick-borne pathogens.

He extended his fellowship to continue his research and became a United States Citizen in 1953. In 1954 he began doing national defense-related work that focused on the “rapid identification of pathogens that may be used against the United States.”

After the germ warfare work, Dr. Burgdorfer continued research on various tick-borne pathogens, including Colorado tick fever virus, rickettsiae, tularemia, and spirochetes that caused relapsing fever. He also worked with fleas and the black plague, and with mosquitoes and yellow fever.

From 1971 to 1976 there was a spike in cases of Rocky Mountain



Borrelia burgdorferi bacteria as seen through a microscope. Photo credit: CDC/Photo: Janice Haney Carr

spotted fever (*Rickettsia rickettsii*) in New York State. There were 124 cases reported, eight of which resulted in death. Officials suspected the dog tick, *Dermacentor variabilis* as the main vector. Sampling of the local tick populations did not yield conclusive results. The percentage of the infected dog tick population seemed insignificant.

These tests led to a search for another culprit. The other tick species with a large presence in the areas of infection was the deer tick. The Rocky Mountain Lab received the first deer ticks for dissection in 1979. This was the first time Dr. Burgdorfer had worked with *Ixodes scapularis*. Dr. Burgdorfer found *R. montana* in these ticks, but this form of *Rickettsia* does not affect humans.

By 1981 Dr. Burgdorfer was still looking for harmful strains of *Rickettsia* in the deer ticks. There were spiral-shaped bacteria in the digestive system, or midgut of an eastern deer tick from Shelter Island, New York, on the Long Island Sound.

He realized almost immediately that these were spirochetes. He examined them under a dark field microscope and watched them move. He knew that

they were indeed spirochetes because of the way the bacteria moved translationally (the motion by which a body shifts from one point in space to another) and rotationally.

Dr. Burgdorfer and his colleagues ordered blood samples from patients showing Lyme arthritis to be tested. He used direct fluorescent antibody testing to identify the presence of the bacteria in the patient's blood. Genetic testing of the bacteria determined the spirochetes were *Borrelia*. They named the new species *B. burgdorferi* after the man who discovered it.

The Spread of an Ancient Bacteria

Despite the only recent discovery, studies have shown that the *B. burgdorferi* is prehistoric. The Yale School of Medicine examined the genetic makeup of the bacteria to see how the disease could have distributed itself around the country. They believe that the bacteria has existed for thousands of years and spread from the East Coast westward to Wisconsin.

The range became fragmented at some point, most likely due to deforestation, leading to the independent emergences of Lyme disease in multiple places.

continued on page 12



Dr. Wilhelm “Willy” Burgdorfer, inoculating ticks in his laboratory in 1954. Image source: nih.gov



Prevalence of blacklegged ticks that cause Lyme Disease. Image source: www.health.pa.gov

There is also evidence that *Borrelia burgdorferi* exists in Europe.

Range expansion of the deer tick is a major reason why Lyme cases are on the rise. White-tailed deer (*Odocoileus virginianus*) populations provide blood meals and mating areas for the ticks, but are not good reservoirs for the bacteria.

The name ‘deer tick’ almost draws our attention away from a more important reservoir of the disease. The deer mouse (*Peromyscus maniculatus*) and the white-footed mouse (*P. leucopus*) are major vectors of *B. burgdorferi*. The ticks pick up the disease from the mice and become infected, carrying the bacteria in their digestive system.

Some researchers view acorn crops as a major factor in Lyme disease occurrence. The acorns provide food for both the deer and the mice and can bring them all together, which spreads the ticks and the bacteria.

Climate change is also a factor in the spread of Lyme disease.

Warmer temperatures and mild winters allow more ticks to survive throughout the year.

There are more hospitable places for the mice and ticks to live. Exotic invasive species such as Japanese barberry (*Berberis thunbergii*) also play a major role in tick survival. Underneath a Japanese barberry is a microclimate with elevated relative humidity. The humid microclimate provides a nice habitat for mice and ticks. Ticks can dry out, which causes them to die, but the humidity allows them to stay hydrated over the winter or during hot, dry periods.



Even the tiniest of deer ticks can bite and infect humans with dangerous bacteria.

Protect Yourself from Ticks

Lyme disease and deer ticks are a growing problem but there are measures you can take to defend yourself from them. According to the Center for Disease Control and Prevention (CDC), treating your clothing with permethrin spray and using insect repellent containing 20% DEET is a good way to protect yourself from a tick bite.

Always check your body for ticks and check your clothing too. Wearing light-colored clothing can aid in seeing any ticks that may be

walking on you. Placing your clothes in the dryer and tumbling them on high heat for 10 minutes will kill any ticks still on them.

At your home you can mow your lawn and trim weeds, especially next to walkways, to reduce contact with ticks.

If a tick does become embedded in your skin you remove it with tweezers. Do not rely on the notion that household products such as soap, petroleum jelly, peanut butter or anything of the sort will make the tick retreat. Methods like these only kill the tick while it is embedded and make it harder to remove with tweezers. Burning the tick can make the tick expel its gut contents back into the wound, increasing risk of infection.

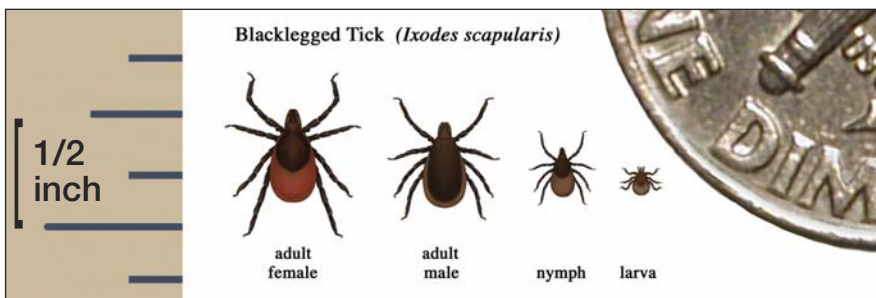
In Conclusion

It is good to know the history of the dangerous disease that affects Pennsylvania and is still a real threat to our health. The discovery of the disease and studies of its spread are only parts of solving the overall problem.

Diagnosis and treatment are still difficult. There were 7,400 reported cases of Lyme disease in Pennsylvania in 2014, 84 of which were reported in Franklin County.³

It is important to consult your physician if you suspect you have Lyme disease. You can find a list of signs and symptoms on the CDC website: www.cdc.gov

continued on page 13



Life stages of the blacklegged deer tick. Most humans are infected with bites from ticks in the immature nymph stage. Image source: www.cdc.gov

Downstream: The Storied Past of a Dangerous Disease

continued from page 12



Renfrew Institute intern, Ben Bender, collects water samples for analysis. Bender is the author of this article on ticks and Lyme Disease. Photo by Tracy Holliday.

References

- 1 Rudolph J. Scrimanti. "Erythema Chronicum Migrans." *Arch Dermatol.* 1970.
 - 2 Lloyd, D. S., M.D., M.P.H. Circular Letter #12-32 [Letter to Connecticut Directors of Health]. Hartford, Connecticut. 1976, August 3.
 - 3 Pennsylvania Department of Health. "Lyme Disease and Other Tick-Borne Diseases." Retrieved Dec. 12, 2017, <http://www.health.pa.gov>
- Connecticut Department of Public Health. "A Brief History of Lyme Disease in Connecticut." Retrieved Dec. 12, 2017, <http://www.ct.gov>
- Hoen, A. G., Margos, G., Bent, S. J., Diuk-Wasser, M. A., Barbour, A., Kurtenbach, K., & Fish, D. "Phylogeography of *Borrelia burgdorferi* in the eastern United States reflects multiple independent Lyme disease emergence events." *Proceedings of the National Academy of Sciences of the United States of America.* 2009.

- Taal Levi, Felicia Keesing, Kelly Oggenfuss, Richard S. Ostfeld, "Accelerated phenology of black legged ticks under climate warming." Feb. 16, 2015. Cary Institute. "Lyme Disease." Retrieved Dec. 12, 2017, www.caryinstitute.org. Aug. 2, 2017.
- Cary Institute. "Acorns and Lyme Disease." Retrieved Dec. 12, 2017, www.caryinstitute.org. Aug. 2, 2017.
- Roy-Dufresne, E., Logan, T., Simon, J. A., Chmura, G. L., & Millien, V. "Poleward Expansion of the White-Footed Mouse (*Peromyscus leucopus*) under Climate Change: Implications for the Spread of Lyme Disease." 2013.
- Williams, S. C., & Ward, J. S. "Effects of Japanese Barberry (*Ranunculales: Berberidaceae*) Removal and Resulting Microclimatic Changes on *Ixodes scapularis* (Acari: Ixodidae) Abundances in Connecticut, USA." *Environmental Entomology.* 2010.
- Centers for Disease Control and Prevention. "Ticks." Retrieved Dec. 12, 2017, www.cdc.gov. June 1, 2015.
- Centers for Disease Control and Prevention. "Lyme Disease." Retrieved Dec. 12, 2017, www.cdc.gov. Oct. 26, 2016.
- University of Illinois Extension. "The Trick to Perfect Tick Removal." [Press release]. Retrieved Dec. 12, 2017, <http://web.extension.illinois.edu>. July 23, 2009.
- Burgdorfer, W., Ph.D. "Willy Burgdorfer Oral History" [Interview by D. Boggs]. Retrieved Dec. 12, 2017, <https://history.nih.gov>. Oct. 2001.



FOLLOWUP PROGRAM:

Public Forum: Tiny Creatures—Big Trouble Thursday, May 17 • 7 p.m. • Visitors Center at Renfrew

A panel of experts will discuss the topic of ticks, and the many problems they can cause for people and animals. Landscaping solutions and tips for staying tick free will be provided. Organized by Institute intern & Penn State University senior, Ben Bender. Brochures, fact sheets and resource list will be available. Free.

Like to GARDEN and make things grow?

Renfrew Institute's
4-Square Garden
can use your
helping hands!

*Garden volunteers keep our
historic garden maintained
throughout the year:*

- Harvesting Produce
- Transplanting
- Weeding
- Watering



Volunteer Benefits:

- Learn about the historic Pennsylvania German 4-square garden
- Sharpen skills
- Pick produce for personal use
- Help maintain the garden used for teaching area school children about history and gardening
- Harvest Dinner • Field Trips

The garden is located in
Renfrew Park
1010 E. Main Street,
Waynesboro, Pa.

For more information, call
717-642-8802

Citizen Science Takes Off at Renfrew Institute

Citizen SCIENTISTS

Citizen science is not a new activity for our organization, but interest and energy has definitely been building over the past couple of years.

From 40 years—yes, that long!—of bird watching to the more recent water quality stream monitoring and tree tracking, Renfrew Park goes have been out there...observing, recording, reporting.

Citizen science involves local people monitoring nature's happenings. Citizen scientists observe plants and animals in the field, record data about the presence or activity of those organisms and report the findings to professional scientists who can make use of that information.

Citizen Scientists, Local Experts

Citizen scientists do not have to have a science background, just an avid interest and some dedication. They receive training in field procedures and methods so that the work they do is accurate and usable.

The data they collect provides important insight into natural cycles (like seasonal change), ecological relationships, species diversity and the effects of human activity on natural systems. It is interesting and important work.

Over time, citizen scientists become very familiar with the landscape they monitor. Since data is collected on a regular and long-term basis, the dedicated monitor who stays with it for several years becomes the local expert on that monitoring site and its life.

What better way to get out in nature and enjoy such an intimate bonding with the creatures and plants that share the Earth with us?

Bird Walks

Renfrew Institute currently has three citizen science programs functioning. First, the Saturday morning bird walks. The first leader, the late **Willard Rahn**, made notes as he led the walks on Saturday mornings through the months of April and May each year.



Photos taken during during a December SOAR bird walk: a white-throated sparrow, frost-rimmed raspberry leaves, and a few of the SOAR group. Photos by Carol Baylor.

Willard's son, **Tim Rahn** (former institute board president) lives in Takoma Park, Md. Tim thinks he can come up with some of those old notes to add to a database started by the institute about two years ago.

Jack Olszewski took over the leadership of the spring walks after Willard stepped down. Jack continues to lead the walks every Saturday in April and May.

Additional bird walk leaders, **Larry and Sharon Williams**, expanded the walks to the first and third Saturdays of the remaining 10 months of the year. This was a big boost for the program since species sightings could be recorded year round.

In addition, Larry offered to send reports to the institute office each week and **Jean McBride**, retired teacher and bird enthusiast, sends the reports in a weekly email to participants.

Group member and photographer, **Lisa Luny**, suggested a name for the group—and **SOAR** (Studying Ornithology at Renfrew) was born. Most recently, the weekly species report has been recorded in an Excel database, *SOAR-Track*, maintained by our environmental interns.

Stream Monitoring

The second citizen science initiative is the stream-monitoring program of **Antietam Watershed Association** (AWA), which is headquartered at Renfrew Institute (RI).

Fifteen citizen scientists, along with RI interns, regularly monitor 35 stream sites scattered up and down both the East and West branches of Antietam Creek.

The database for this program holds 10–12 years of data with some sites studied since the start of the program in 2005.

The monitors are trained by RI instructors with assistance from the **Alliance for Aquatic Resource Monitoring** (ALLARM) at Dickinson College in Carlisle, Pa. ALLARM provides free consulting service to local watershed groups. Funding for the program (including chemical kits, boots, nets, staff time) is provided through grants.

Monitors record the following chemical and physical parameters: dissolved oxygen, pH, alkalinity, water temp, turbidity, nitrates and phosphates. New monitors are always welcome.

Tree tracking

A third citizen science initiative began after an RI workshop in 2015 that taught us about phenology (the study of cyclic and seasonal natural phenomena). Six trees on the Renfrew property were tagged for seasonal monitoring. Changes such as flower and leaf bud break in the spring, leaf color change and leaf fall in autumn are tracked.



Stream monitor, Bob Lawn and Renfrew Institute intern Matt Stefanic collect samples from East Branch Antietam near the Antietam Shelter, Appalachian Trail (Old Forge Picnic Area). Photo by Melodie Anderson-Smith.

This activity is part of the Appalachian Trail Conservancy’s **AT Seasons: Tracking Phenology from Georgia to Maine** program.

Global Citizen Scientists with NASA

On August 21, 2017 the institute organized a solar eclipse event featuring NASA scientist and Waynesboro resident, **Todd Toth**. Todd brought NASA’s citizen science activities to hundreds of attendees during the awe-inspiring solar eclipse with several activity tables

set up in the backyard of the museum house. Nearly 1,000 people attended the event with many using cell phone applications to record scientific eclipse data (i.e. cloud cover, air and ground temperatures, humidity) and submit the data to the NASA website.

In follow-up to the eclipse event and to open new possibilities, Todd presented NASA’s **Global Learning and Observations to Benefit the Environment** program (**GLOBE**), during a public lecture at Renfrew on

January 11, 2018. RI is exploring new ways to become involved in the GLOBE program in concert with the Waynesboro Area School District.

Our hope is that local school children as well as adults in the community will find more ways to become citizen scientists using our own backyards, public parks and trails as our laboratories.

Melodie Anderson-Smith
Director of
Environmental Studies



Wildlife Watchers

Strong and growing interest in wildlife and outdoor activity can in-turn support **citizen science initiatives**.

“In 2016, more than 101 million Americans—a staggering 40 percent of the U.S. population ages 16 or older—participated in some form of wildlife-associated recreation, including fishing, hunting, bird watching, photography and more.

Wildlife watching was the most popular (86 million), followed by fishing (35.8 million) and hunting (11.5 million). This translates into 35 percent of Americans participating in wildlife watching, 14 percent fishing and 5 percent hunting.”

[2016 Survey of Fishing, Hunting and Wildlife-Associated Recreation as reported by Kathy Reshetiloff in the Bay Journal, December 2017]



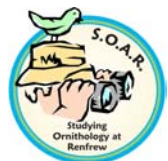
Young Citizen Scientists

Members of **WaterStriders**, Renfrew Institute’s water quality monitoring program for middle school students, examine and analyze samples drawn from the stream. **WaterStriders** is sponsored by John and Erin Hershey and Jay and Pat Heefner. Photo by Jessica Watson.

For more information about GLOBE and AT Seasons, visit the following websites:

- www.globe.gov
- www.appalachiantrail.org/home/conservation/landscape-protection/phenology

For information on SOAR or the stream monitoring program, contact Renfrew Institute: info@renfrewinstitute.org or call 717-762-0373. Watch for more news on all of these opportunities on RI’s website: www.renfrewinstitute.org, and on our Facebook page.



Renfrew Institute Membership

Includes 2016–17 members and new/renewed for 2017–18

Educational Leadership Faculty Chair Gifts (\$10,000 Annual Donation, 5 Year Commitment)

Alma W. Oyer—*Director of
Environmental Studies*
Leonora Rocca Bernheisel,
Mary's Delight Farm—*Director
of Cultural Studies*

(\$5,000 Annual Donation, 5 Year Commitment)

Peggy McCleary,
*Director of the Four-Square
Garden*

(\$3,000 Annual Donation, 5 Year Commitment)

Peggy Weller,
Executive Leadership Support

Today's Horizon (\$3,000 or more, multi-yr.)

APX Enclosures, Inc./Andrew
Papoutsis
The Carolyn Terry Eddy Family:
Carolyn, with daughters Connie
Fleagle & Kim Larkin
The John R. Hershey Jr. and Anna
L. Hershey Family Foundation
The Nora Roberts Foundation
Alma W. Oyer

Heritage Society (\$1,000 or more)

BB&T
Thomas & Helen Beck
Mr. & Mrs. John W. Beck
Michael Beck & Family
Leonora Rocca Bernheisel
Jeanne & Mark Bintrim
Mr. & Mrs. George P. Buckey
Greg & Debi Duffey
Nancy L. Erlanson & Don Gibe
F&M Trust Company
FirstEnergy/West Penn Power
Sandy Fisher
Grove Bowersox Funeral Home, Inc.
John & Erin Hershey
The John R. & Anna L. Hershey
Family Foundation
Johnson Controls, Inc.
Marge Kiersz
Julia & Andrew Klein
The Land O' Lakes Foundation
Doris Large
M&T Bank
Manitowoc Cranes
Martz Plumbing, Heating &
Air Conditioning, Inc.
Peggy McCleary
Patricia O'Connor
PA Partners in the Arts
Lucinda D. Potter, CPA
RBC Foundation

Bernie & Rosemarie Roberts
Arlene Unger/ReMax Associates
John Unger
Rotary Club of Waynesboro
Angela Grove Weagly
Peggy Weller

Preservation Society (\$500 to \$999)

Antietam Eye Associates
Dan W. Arthur
Bartlett Tree Experts
Stephen & Maxine Beck
Bea Bocalandro
Clint & Mary Bolte
Mr. & Mrs. Robert W. Brown
Cornerstone Family Dentistry
Franklin Co. Visitors Bureau
Pat Gaffney & Jon Pearson
Steve Graham
Hadley Farms Bakery
Jay & Pat Heefner
Karen & Ed Herald
William & Kathleen Kaminski
John N. & Martha Dudley Keller
Family
Mercedes Benz of Hagerstown
Lynn Y. MacBride
Patriot Federal Credit Union
Betsy Payette
Mary Ann M. Payne
Sheetz, Inc.
Anne M. Shepard, Law Office
Eunice Statler
Andrew & Sally Sussman
Rodney & Lynn Teach
Richard & Peggy Walsh
Waynesboro Area Lioness Club
Waynesboro Lions Club

Conservation Society (\$250 to \$499)

AgChoice Farm Credit
Marie & Ed Beck
Robert & Shelley Benchoff
Carol & Otis Brown
Buchanan Auto Park
Matt Burton & Megan Shea Burton
Max Creager
Craig, Friedly, Potter & Moore
Insurance
Marc Desrosiers & Emelda Valadez
Dennis & Patricia Eckstine
Barbara Gaydick
Hamilton Hyundai
Hamilton Nissan
Donna & Tony Haugh
Kathryn Helfrick
David S. Keller Family
John & Kody Kelley
Dennis L. Koons of Raymond
James Financial Services, Inc.
Yvonne MacBride
Donald & Barbara McBride
Joseph & Margaret Mackley
Millennium 3 Energy, Phil Kelly
Ann Miller and the late Ed Miller

Anne Shepard & Patrick Minnick
Carl & Bonnie Monk
David Neterer, Sterling Financial
Management
Matthew & Tana Oyer
Owl's Club of Waynesboro
Tim Parry
Jeff & Kelsey Rock
Rouzerville Lions Club
Smith Elliott Kearns & Co.
George & Judy Smith
Don & Angie Stoops
Doug Tengler
WACCO Properties
Waynesboro Physical Therapy,
Derek Kling
Cole & Kathy Werble
**Naturalist Society
(\$100 to \$249)**

Advanced Financial Security, Inc.
Jack & Lois Abbott
Bill & Karen Adams
Melodie Anderson-Smith
Maria Bakner
Clint & Amy Barkdoll
Linda & Terry Barkdoll
Ken & Judy Beam
Robert & Sandy Beaumont
Tom & Stacy Beck Family
Michelle, Shannon, Samuel
& True Benschoff
David & Barbara Biser
Garrett Blanchet & Elena Kehoe
David D. & E. Louise Boon
James & Barbara Bowersox
Neal & Jacqueline Brewer
Joy Brown
Beth Bryant
Bethany Bui & James Kim
Drs. Stephen Bui & May Cao
H. M. & A.G. Caldwell
Dr. Minh Cao
Jared & Denee Childers & Family
James Clapsaddle
Frank & Susan Conway
Peggy B. Corley
Denny's Garage
Marie E. & Desmond G. Dean, Jr.
David & Julieann DesJardins
Patricia M. Domenick
Barbara & Paul Dunlap, Jr.
Preston, Emily & Raeleigh Dunn
Eagles Club, Inc.
Eichholz Flowers
Lori Eigenbrode
Terry & Debra Eisenhauer
Nancy L. Evans
Beth Anne & Christopher Firme
Mr. & Mrs. Patrick Fleagle
Twila & Bill Flohr
Foreman's Rare Coins
Richard Frank & Rose Dagen
Franklin Co. Rock & Mineral Club
Rachel Frick
William A. & Cynthia Gillard, Jr.
Charlene Good

Elizabeth Grant
Matt Gunder & Stacy Heck
Paul Gunder
Kevin & Olivia Hammond
Ann Haugh
Jean M. Haugh
Dean & Dorothy Hebb
Jackie Henicle
Richard Hersh
Vicki Hess
Derek Hine & Rita Sterner-Hine
Bill & Judi Hofmann
Blaine Holliday
Tracy Holliday
Bill & Katrina Hoopes
Kirsten Hubbard
Claire Hunter & Vince Cahill
J&M Printing, Donald Shenberger
Brian, Deborah & Connor
& Eric Jacobs
Melissa Johns
Jeb Keller
Keller, Keller & Beck, LLC
Barbara Kercheval
Nancy & Jim Kirkpatrick
Mark & Sarah Klink
Mary Jo & Gerald Kowallis
Dr. Barbara Kehr & John Krebs
Riley, Dilara & Kensington Ledden
Daryl Lehman
Jason & Michele Levick & Family
Drs. Gregory T. & Diana J.
Lyon-Loftus
Bobby Mai
Tu Mai
Walter & Karen Manderson
John & Christine Manning Family
March Chiropractic, Sharon
& Melissa March
Dick & Penny Marks
Wayne & Debbie Martz
Chet & Betsey Mauk
Judy & Tucker Maxwell
John & Peggy Maynes
Helen McCabe
Marilyn McCarney
Sean, Jenny, James
& Lily McFarland
Thomas McFarland
Dr. & Mrs. James G. McKenzie
Thomas & Jill McKenzie
Barbara & George Mitges
Andrew & Kristie Moats Family
Joan & Scott Mohn & Family
Steve & Kitty Monn
Harry & Jill Morningstar
Harry & Louise Morningstar
Rick Mouer, Waynesboro Design
Services
Susan & Tom Murphy
Noelker & Hull Associates, Inc.
Dr. & Mrs. Paul D. Orange, M.D.
Doug & Ginny Parks
Betsy Payette

(continued on page 17)

Bill Pflager
 Debbie & Bill Pflager
 Cheryl & Ken Plummer
 Virginia Rahn
 Carmen Richardson
 & Gary Goubeau
 Mr. & Mrs. J. Christopher Richwine
 M. James & Barbara Rock
 Marcy Rost
 Andrew & Margaret Rovelstad
 Pam & Bruce Rowland
 Caroline Royer
 Dustin & Davin Sanders
 Joe & Beckie Sariano
 Savage Family Pharmacy, Inc.
 Jodi & Pascal Schwarzer
 & Family
 Kathy Seiler
 Jeff & Deb Shank
 William E. & Roberta R. Shank
 Mike & Marcy Shea
 Richard & Patricia Ann Shew
 Joseph A. & Laura M. Shull
 Alois & Kay Singer
 Fred & Beth Skroban & Family
 Susan, Anabelle & Natalie Small
 St. Andrew the Apostle School
 Frank & Mary Anne Smith
 Dr. & Mrs. Joseph H. Stewart, III
 Ellen Stinebaugh
 Vicki Stinebaugh
 Carroll & Louanna Sturm
 Total Vac, Sam Long
 The Von Rembow Family
 Mrs. Undine Warner
 Waynesboro Area Education Assoc.
 Waynesboro Water Works
 Mr. & Mrs. William G. Weagly, Jr.
 Greg & Kate Wenzloff
 Greg & Laura White
 Lawrence & Sharon Williams
 David Wilson
 Sara & Neil Yost
 Dr. Bob & Linda Zimmerman
 David & Connie Zimmerman

**Family
 (\$50 to \$99)**

Mary Ashe-Mahr & Michael Mahr
 Kim & Troy Austin
 The Blackburn Family
 Harold & Lori Blubaugh
 Rob & Kathy Bostic
 Jeremy & Andrea Bowersox
 Patrick & Anita Brezler
 Ned Brown & Pamela Wagner
 Doug & Melissa Burkholder
 Stephen & Holly Cieri
 Ronald & Mary Jane Collins
 Mr. & Mrs. James Deegan
 Sarie & Barry Dickey
 Andrew Everetts & Family
 Rhonda McFarland
 & Lowell Ezersky
 John & Jean Frantz & Family
 Mr. & Mrs. William George

John & Priscilla Harsh
 Nancy & Charles Hartle
 Jeremy & Marianne Haugh
 The Haugh-O'Malley Family
 Ryan & Stacy Henderson Family
 Gregg & Lois Hershberger
 Sherry & Scott Hesse
 William J. & Karen S. Hudson
 Ruby Hykes
 Mr. & Mrs. Paul J. Jones
 Will & Jill Kessler & Family
 Roger & Katie Klink
 Ryan, Nicole, Logan & Blake Klipp
 Barbara Layman
 Nancy & Jeff Mace & Family
 Sharon Magee
 Ray & Ginnie Miller
 Tim & Mary Louise Misner
 Richard & Wendy Mohn
 Jack & Holly Olszewski
 Renee & Mike Preso
 Sue, Kristin & Elizabeth Robson
 Clint & Rhonda Rock
 Dr. & Mrs. Ronald Schultz
 Linden & Ruth Showalter
 James Smith & Melodie
 Anderson-Smith
 Victoria Sprengle
 Dr. & Mrs. Robert G. Steiner
 Roy & Andrea Struble
 Yvonne & Andrew Yoder

**Associate
 (\$25 to \$99)**

Brooke & Terry Althouse
 Donald R. Arrowood
 Carol Bailey
 Keith & Susan Baker
 Carroll & Brenda Bakner
 Dr. Jacqueline H. Barlup
 Carol Baylor
 Joyce & Larry Belella
 Mike & Cathy Bercaw
 Beta Chapter Y-Gradale Sorority
 Mr. & Mrs. Charles J. Blubaugh
 Mrs. Dorothy Bollinger
 Gary W. Brashear, Sr.
 Dennis & Judith Bricker
 Jean A. Brinser
 Rodney & Holly Carey
 James Carson
 Jane & Ernest Charlesworth
 Susan H. Cipperly
 Kimberly S. Cordell
 Robert & Teresa Dee
 Ann & Dan Dedona
 Melanie Desmond
 Jean G. Dienstag
 Becky Dietrich
 Mike & Carolyn Doncheski
 Barry, Lisa & Erin Donohoe
 T. A. Dorsett
 Mrs. Judy Elden
 Deb Flinchbaugh
 Janis P. Foster
 Walter & Catherine Gembe

Robert & Doris Goldman
 Margie A. Griffin
 Stanley & Darlene Grube
 Sharon Gunder
 Carroll & Carol Henicle
 Glenn & Susan Henicle
 Barbara Hohman
 Ginny Ingels
 Sally Jenkins
 Mr. & Mrs. Alan Johnson
 Ralph & the late Phyllis King
 Dorothy Kirk
 Christina Kostka
 Patricia A. Kugler
 Bonnie Larson-Brogden
 Kevin Ledden & Tracy Holliday
 John & Joyce Lefebure
 Debra K. Levick
 Donna Levick
 Lisa Luny
 Ann Markell
 Concetta A. Maryjanowski
 Bob & Joice Maurer
 Patrick & Sharon McCormley
 Douglas & Phyllis McCullough
 Beverly McFarland
 Janice Middour
 Joseph Mieczkowski
 H. Clayton Moyer
 Bill & Yvonne Pfoutz
 Angela Piatt
 Jean Reichard
 Bonnie & Jeff Rhodes
 Matt & Donna Rhodes
 Mr. & Mrs Joe Rock
 Mary C. Rocks
 Earle & Dixie Rock
 Marilyn Ross
 Sue Rotz
 Jim Rowan & Mary Matson
 Mary Ellen Selvaggio &
 Patric Schlee
 Stanley Schoonover
 Gwen Scott
 S. Lynn & Jackie Shaw
 Brian & Mary Shermeyer
 Dennis & Kim Shockey
 Mr. & Mrs. Richard Shook
 Mr. & Mrs. William Short
 Angela Rocks Shriver
 Bill & Jo Spigler
 Greg & Cindy Stains
 Dr. John Stauffer
 Martha Stauffer
 Doug & Deb Stine
 Terry & Cindy Sullivan
 Michael & Kristen Szynal
 Dean Thomas
 Lois Good Thompson
 Jessica & Matt Watson
 Charles A. Willhide
 Bill & Maggie Yoder
 Janet Zook

**Educator
 (\$50 & up)**

Bonnie Bachtell
 A.J. & Kate Benchoff
 Joan Bowen
 Michael Engle
 Carol Ann Henicle
 Dixie Hickman
 Claire Jantz
 Alice Noll
 Savoy Catering Service, Inc.
 Thomas D. & Jeanne W. Singer
 Janet Smedley
 Johnson W. & Bonita C. Yokum
 Mrs. Sarah K. Zimmerman

Honorary Members

Franklin Co. Commissioners–
 David S. Keller, *Chairman*
 Robert L. Thomas,
Vice Chairman
 Robert G. Ziobrowski,
Secretary
 Jeri Jones
 Cheryl Mankins & Family
 Jessica McCleary & Family
 Becky McClean & Family
 Phil & Jerry's Meats and More
 Andy Smetzer

**Organization
 Exchange**

Alliance for the Chesapeake
 Bay
 Antietam Watershed Assoc.
 Conococheague Institute
 The Discovery Station
 Franklin County Conservation
 District
 Franklin County Master
 Gardeners
 Franklin County Rock & Mineral
 Club
 Little Antietam Creek, Inc.
 Nicodemus Center for
 Ceramic Studies
 Renfrew Museum & Park
 TriState Astronomers
 Strawberry Hill Nature Center
 Waynesboro Historical Society





Renfrew Institute Sponsors 2016–17 and renewed for 2017–18

APX Enclosures, Inc. -
Today's Horizon Fund
Advanced Financial Security,
Inc. - *Bay Supper Fundraiser*
AgChoice Farm Credit - *Dairy
Culture*
Antietam EYE Associates -
Recycle/Reuse Yard Sale
Linda Barkdoll/Ronnie Martin Realty
- *Pumpkin Festival*
Bartlett Tree Experts - *Trail of Trees*
BB&T - *Youth Festival, Dairy Culture*
John & Deb Beck - *Summer Stories,
Marvin Visits Earth*
Steve & Maxine Beck -
Nose to Nose with Nature
Leonora Rocca Bernheisel (Mary's
Delight Farm) -
*Wool Culture, Royer Legacy
& Faculty Chair*
Clint & Mary Bolte Fund, Vanguard
Charitable - *Four Squares: Penn-
sylvania German 4-Square Garden*
Robert & Grace Brown -
*Adult/Teen Education Lecture
Series*
Buchanan Auto Park -
Annual Fun Fly (kite fly)
Cornerstone Family Dentistry
- *Salamander Scramble*
Craig, Friedly, Potter & Moore
Insurance - *Discovering Wetlands*
Denny's Garage - *Bay Supper
Fundraiser*
Carolyn Terry Eddy Family: Carolyn,
with daughters Connie Fleagle &
Kim Larkin - *Today's Horizon Fund*
Eichholz Flowers - *Salamander
Scramble*
F & M Trust Co. - *From Field to
Table, Wake Up Earth, It's Spring*
First Energy/West Penn Power -
Jazz Fest & Bay Supper Fundraiser
Foreman's Rare Coins - *Bay Supper
Fundraiser*
Franklin Co. Rock & Mineral
Club - *Adult-Teen Education*
Franklin Co. Visitors Bureau -
Jazz Fest
Nancy Erlanson & Don Gibe -
Lifesavers of the Chesapeake Bay
Grove-Bowersox Funeral Home -
Salamander Scramble
Matt Gunder - *Bay Supper Fundraiser*

Hadley Farms Bakery -
Recycle/Reuse Yard Sale
Hamilton Hyundai - *Jazz Fest*
Hamilton Nissan - *Jazz Fest*
Donna & Tony Haugh - Professional
Development
Pat & Jay Heefner - *WaterStriders*
Kathy Helfrick - *Fall Walk*
Karen & Ed Herald - Professional
Development
John & Erin Hershey- *Streamside,
WaterStriders, Salamander
Scramble*
John R. Hershey, Jr. & Anna L.
Hershey Family Foundation -
Today's Horizon Fund
Kirsten Hubbard - *Bay Supper
Fundraiser*
Johnson Controls, Inc. - *Lifesavers
of the Chesapeake Bay*
William & Kathleen Kaminski
- *Fall Walk*
Keller, Keller & Beck, LLC -
Bay Supper Fundraiser
Marge Kiersz - Adult-Teen
Education Lectures & Workshops
Dennis L. Koons of Raymond James
Financial Services - *Streamside*
Land O'Lakes Mid-Atlantic Grants
Program Foundation - *Dairy Culture*
M & T Bank - *Pumpkin Festival*
M & T Charitable Foundation - *Four
Squares: Pennsylvania German
4-Square Garden*
Manitowoc Crane Group -
Home Sweet Home
Martz Plumbing, Heating & AC, Inc.
- *Streamside*
Chet & Betsy Mauk - *Bay Supper
Fundraiser*
Mercedes Benz of Hagerstown -
*Four Squares: Pennsylvania
German 4-Square Garden*
Millennium 3 Energy - *Earth
Celebration Day & Festival of Art*
The William & Diane Nitterhouse
Foundation - *Once Upon a Farm*
Noelker & Hull Assoc. Inc. -
Bay Supper Fundraiser
Patricia O'Connor - *Streamside
& Discovering Wetlands*
Alma W. Oyer - *Today's Horizon
Fund, Faculty Chair*
PA Partners in the Arts - *Jazz Festival*

Patriot Federal Credit Union -
Halloween Storytelling
Betsy Payette - *Flax Culture*
Lucinda D. Potter, CPA -
*Sidney's Wonder Web, Earth
Celebration Day & Festival of Art,
Adult/Teen Education, &
Streamside*
RaceWax.com LLC - Tech Support
RBC Foundation - *Home Sweet Home*
The Nora Roberts Foundation -
Today's Horizon Fund
Jeff & Kelsey Rock - *Lifesavers
of the Chesapeake Bay*
Rotary Club of Long Meadows,
Hagerstown - *Fahnestock Barn
Storage Cabinet*
Rotary Club of Waynesboro -
Wake Up Earth, It's Spring!
Caroline Royer - *Bay Supper
Fundraiser*
Savage Family Pharmacy - *Bay
Supper Fundraiser*
Sheetz, Inc. - *Wake Up Earth,
It's Spring!*
Anne Shepard & Patrick Minnich -
Trail of Trees
Law Office of Anne M. Shepard -
The Royer Legacy
Dr. & Mrs. Ronald F. Schultz -
Bay Supper Fundraiser
George & Judy Smith - *Sidney's
Wonder Web*
Smith, Elliott Kearns & Co. -
Adult/Teen Education
Sterling Financial Management
- *Recycle/Reuse Yard Sale*
Total Vac - *Recycle/Reuse
Yard Sale*
Arlene Unger/Remax Associates -
Salamander Scramble
WACCO Properties, Inc. -
Salamander Scramble
Dick & Peggy Walsh - Professional
Development
Waynesboro Lioness Club -
Professional Development
Waynesboro Lions Club -
Discovering Wetlands
Waynesboro Physical Therapy -
Salamander Scramble
Waynesboro Water Works -
Salamander Scramble

Memorial & Honorial Sponsorships

Mike Beck & Family, in memory of
Denise Beck
Royer Legacy
Max Creager, in memory of
Nancy Hess Creager
Down a Garden Path
Debi & Greg Duffey, in memory of
C. Alvin Henicle
From Field to Table
Sandy Fisher, in memory of
Harry Fisher
Home Sweet Home
Steve Graham, in memory of
Virginia Steck Graham
Discovering Wetlands
Jay Heefner, in memory of
Evelyn Heefner
Dairy Culture of PA Germans
Patricia Heefner, in memory of
Jean Foster
Once Upon a Farm
Julia & Andy Klein and
Jeanne & Mark Bintrim,
in memory of Ellie & Joe Miller
*Growing Clothes: Flax Culture
of the PA Germans*
Doris R. Large, in memory of
J. Warren & Jessie O. Large
*Park Ranger Training Program
& Earth Encounters*
Mary Ann Payne, in memory of
Helen Herr Moyer
Wonderwalks for Preschool
Bernie & Rosemarie Roberts,
in memory of Harry Delaney Catts,
Richard G. McGowan Sr.,
Florence Gertrude McGowan and
Richard G. McGowan, Jr.
Earth Encounters
Angela Grove Weagly, in memory
of Joyce Grove Ceyler and
in honor of Richard D. Ceyler
*Earth Celebration Day
& Festival of Art*

12th Annual Recycle Reuse Yard Sale was a BIG SUCCESS!



The Recycle Reuse Yard Sale committee was grateful for another good year—profitable, and fun! Proceeds after expenses were more than \$3,000! *Thank You to Our Event Sponsors—Lead sponsors **Dr. Jerzy Kornilow O.D. & Alison Ridenour, O.D., Antietam EYE Associates and Hadley Farms Bakery**, plus **Dave Neterer, Sterling Financial Management, and Total Vac.*** **Mark your calendar for next year’s Recycle/Reuse Yard Sale—Saturday, April 28, 2018**

Fun and Exploration in the Great Outdoors!



Don't miss
Fun Fly 2018
Saturday, April 14!

In April 2017, the Fun Fly brought families to the park for kite-flying fun. During this annual event, flyers can bring their own kites or make one in the kite workshop. Kite masters Sam and George Adams are on hand each year to provide expert flying guidance. Fun Fly is sponsored by **Buchanan Auto Park**. Photo by Tracy Holliday.



Shippensburg University Geoenvironmental Studies interns, Olivia Allen, Selma Baltic and Eric Peregord, walked the Appalachian Trail to collect water samples near one of Renfrew Institute’s stream testing sites. Photo by Melodie Anderson-Smith.



Youth Festival 2017 Brought Unity to the Community!

“Unity in the Community!” was the theme for Renfrew Institute’s 28th annual Youth Festival that took place on Sunday, May 28, 2017. Thanks to a sponsorship by BB&T, and involvement by volunteer committee members **Jessica McCleary**, **Cheryl Mankins**, **Becky McClean** and **Colleen Tidd**, children and families gathered in the park for a free, fun-filled afternoon during which they enjoyed a variety of workshops, demonstrations, activities, and entertainment throughout the day.

In keeping with the theme, the event featured guest entertainment, **Cantaré**. Billed as a musical journey to Latin America, the program featured native Argentinians Cecilia Esquivel and Dani Cortaza who invited kids to learn some dance moves. Kids had a blast taking a turn with some traditional instruments, and moving to some lively Latin tunes.

Mark your calendars now for the next Youth Festival, set to take place **Sunday, May 27 beginning at 1:00 p.m.**

Stay tuned for workshop and performance details!



2017 Bay Supper Fundraiser a Record-breaker

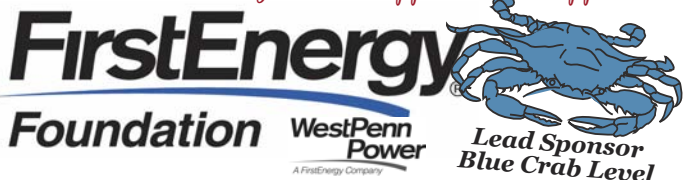
The 20th Anniversary Chesapeake Bay Supper fundraiser on June 23, 2017 at the Waynesboro Country Club broke the records and raised an all-time high of **\$18,158!**

These funds are used in support of the many school programs and family activities provided to educate and inspire the local community.

This year's event was dedicated in memory of **Ed Miller**, former institute board member, long-standing member, actor playing Sam Slick in the first RI educational program, *Green Energy...* heart, soul, and keeper of the spirit of Renfrew Institute.

Mark your calendars now for Friday, June 22, 2018. Hope to see you there!

Thank You to everyone who supported the supper:



FirstEnergy Foundation on behalf of West Penn Power

Printed Program Underwriter

Chet & Betsy Mauk

Sponsors

Advanced Financial Security, Inc.

Caroline Dean

Denny's Garage

Foreman's Rare Coins

Kirsten Hubbard

Keller, Keller & Beck, LLC

Noelker & Hull Associates, Inc.

Savage Family Pharmacy, Inc.

Dr. & Mrs. Ronald F. Shultz

Today's Horizon Fund Contributors:

The Nora Roberts Foundation, Alma W. Oyer, APX Enclosures, Inc., and The Carolyn Terry Eddy Family, with daughters Connie Fleagle & Kim Larkin

Our wonderful planning committee & their helpers:

Event Chair: Matt Gunder

Emcees: Jay Heefner & Bob Zimmerman

Auctions: Donna Haugh (Chair), Carol A. Henicle, Tony Haugh, Jay & Pat Heefner, Dick Hersh, Pat & Gary Radtke, Eunice Statler, Dick & Peggy Walsh

Food & Arrangements: Debi Duffey (Chair), Steve Graham, Waynesboro Country Club~Executive Chef Maria DeVore, Club Manager Don Harriman, & House Staff

Invitations: Eunice Statler (Chair), Shirley Faith, Matt Gunder, Donna Haugh, Jay & Pat Heefner, Angela Grove Weagly, Janet Zook

Reservations: Pat Heefner • *Seating:* Debi Duffey

Set-up/Decorations/Auction Floor Helpers: Caroline Dean, Debi Duffey, Matt Gunder, Donna & Tony Haugh, Jay & Pat Heefner, Dick Hersh, Wayne & Debbie Martz, Pat & Gary Radtke, Eunice Statler, Jordan Trostle, Dick Walsh, Linda Zimmerman

Interns: (remote controlled balloons construction):

Olivia Allen, Selma Baltic, Eric Peregord

Staff Helpers: Melodie Anderson-Smith, Tracy Holliday, Melanie Desmond, Emma Lewis, Bev McFarland, Pam Rowland, Lori Schlosser, Beth Skroban, Nora Slick

Window Dressing: From the Duffey, Henicle & Hersh Gardens

Patrons

Mike Beck
Harold & Lori Blubaugh
Grace & Bob Brown
George & Marty Buckley
Frank Conway
Sarie & Barry Dickey
Greg & Debi Duffey
Steve Graham
Matt Gunder
Jay & Pat Heefner
Carol Ann Henicle
Jackie Henicle

Karen & Ed Herald
Lynn MacBride
Wayne & Debbie Martz
Debbie & Bill Pflager
James & Barbara Rock
Brad & Caroline Royer
Dade & Wendy Royer
Eunice Statler
John Stauffer
Angela Grove Weagly
Bob & Linda Zimmerman

Silent Auction Donors

Antietam Dairy
Arts Alliance
of Greater Waynesboro
Amos & Brenda Bakner
Barefoot Studio
Maxine & Marie Beck
Delaney Blubaugh
Tom Bock, The Cottage
Max Creager
Crown Vetch
Sandy Fisher
Doris Goldman
Virginia Hair
Donna Haugh
Jay & Pat Heefner
Carol Henicle
Judy Herrick
Allison Hickman-McFerren
Tracy Holliday
Inner Beauty Salon
Elena Kehoe
Scott Lux
Lynn MacBride
McLaughlin's Energy Services
Misty Meadows Farm Creamery
Bonnie Monk
NuVogue Salon
Pure & Simple Café
Laura Rock
Susan Shaffer
Mary Ellen Selvaggio
James Smith
Jonathan & Felicia Smith

Lena Summers
Eunice Statler
Jackie Tosten
Angela Weagly
Holly Wheeler

Live Auction Donors

Melanie & Ken Arendt
Dan DeDonna
Greg & Debi Duffey
Kerensa Gray
Karen Manderson
Debbie Martz
Cheryl & Ken Plummer
Seven Springs Resort
Peg & Dick Walsh

Heads/Tails & Mystery Prize Donors

Eve Adkins
Annapolis Waterfront Hotel
Tom Bock, The Cottage
Max Creager
Sarah & Mark Klink
Liberty Mountain Resort
Mathias Restaurant
Zöe's Chocolate Co.
Door Prize Donors
Melodie Anderson-Smith
Matt Gunder
Jay & Pat Heefner
Caroline Royer
Eunice Statler
Linda Zimmerman

Special Thanks to...

Steve Graham for providing the littleneck clams

Dave & Jane's Crab House, Fairfield, PA, for procuring, preparing and delivering the crabs

Alan Peck for donating his live auction services

Debi Duffey for donation of the Anniversary Cake

Cordless microphone system courtesy of **Phantom Shadow Entertainment** with technical assistance by Frank Conway

Coldwell Banker-Waynesboro for balloon helium

Hats off to everyone who made our 20th Anniversary a great one! Check out the photos on the inside front cover.





Renfrew Institute's Board of Directors

Left to right, seated: Jay Heefner, Judy Beam, Sarah Klink. *Standing:* Renee Preso, Steve Graham, Maxine Beck, Sean McFarland, Terry Eisenhower, Donna Haugh, Karen Herald, Judy Papoutsis, John Hershey. Photo by Tracy Holliday.



Missing from group photo and pictured at left:

Jeb Keller, Megan Shea Burton, Dick Walsh, Andrew Everetts.

Welcome New Directors



Maxine Beck has a long association with Renfrew Institute. She served on the board from 2008–2014, three of those years as board president.

After leaving the board, she continued her connection with the institute by chairing the Pumpkin Festival committee, and will continue in that capacity at least for awhile, she said.

Over the past few years, Maxine's avocation as a writer has connected her more deeply to Renfrew. With her sister-in-law and long time friend of Renfrew, Marie Beck, Maxine authored a series of historical novels featuring the Daniel Royer family who built the Renfrew Museum manor house. The first book opens in 1812 and the fourth ends in 1838.

"It was wonderful getting to imagine the property and local history through the Royers' eyes from so long ago," she said.

Born and raised in Waynesboro, Maxine graduated from West Virginia University with a bachelor's degree in secondary education Language Arts, and completed her master's degree in English at Shippensburg University.

She taught English at Waynesboro High School, where she worked for nearly 18 years.

Her community involvement includes Renfrew Institute's Four-Square Garden group, the Waynesboro Garden Club, Noah's Ark Day Care board, and Friends of the Alexander Hamilton Library.

Maxine will serve on four board committees, Pumpkin Fest, Youth Education, Adult/Teen Education, and Nominating/Governance.

Megan Shea Burton has fond memories of attending Renfrew Institute's school programs as a student at Summitview Elementary School. She also remembers spending time at the park with her parents and friends, hiking the trails, and attending Pumpkin Festivals.

"My personal experiences, both as a youth and an adult, have shown me the value of grassroots

Welcome New Directors continued from page 22



Megan Shea Burton

education and the importance of taking an active role in one's community to make a positive impact on youth," she said.

Megan moved to Waynesboro at the age of two, and lived there until graduating from college. She earned a bachelor's degree in social studies education from Shippensburg University and a master's degree in administration and supervision from Frostburg University. She taught middle school social studies, and is now a high school assistant principal for Washington County Public Schools.

Megan will serve on the Pumpkin Fest, Adult/Teen Education, and Youth Education committees.

"I fully believe in and support conservation through education, and know there is nothing like learning through experience, especially when it comes to local history and preserving our environment."

A member of the board of directors for Girls Inc. of Washington County since 2013, Megan lives in Hagerstown, Md. with her husband, Matt and their dogs Stirling (a Shih Tzu) and Rusty (a Chesapeake Bay Retriever).

Andy Everetts was born and raised in Greencastle, Pa., and has lived there all his life.

In keeping with supporting the viability of a small town, Andy's position as a commercial loan officer with M&T Bank allows him to help small businesses get the financing they need to be successful.

It was an M&T colleague who

introduced Andy to Renfrew Institute. Tim Parry, a former institute board member, asked him about joining the board.

Since then, Andy said, "I continue to be amazed at all the great programs and events that happen at Renfrew. What a benefit the institute is to the community!!"

Andy has a bachelor's degree in business administration from Shippensburg University and a master's degree from Mount St. Mary's University. He also holds an associate degree in specialized training from the Pittsburgh Institute of Mortuary Science.



Andy Everetts with Quinn, right, and Grant.

Active in his community, Andy is president of Greencastle-Antrim Old Home Week. He is also involved with Leadership Franklin County, and is a member of the Waynesboro Rotary and the Antique Automobile Club of America.

The antique cars have a family connection. "I was fortunate that my grandfather was a Buick dealer in Greencastle (Fox Buick)," he said, "and I inherited a few from his collection. My favorite is a 1948 Willy's Jeepster that my grandfather and I restored together."

Andy lives in Greencastle and has two children, daughter Quinn (2), and son Grant (4 months).

The committees Andy chose to serve on are the Bay Supper, Adult/Teen Education, and Youth Education committees.

"Education has always been important in my home as my parents were both teachers," he said.

"I have always enjoyed history and believe our local history is very important to teach our youth."



Sean McFarland

Originally from Baltimore Co., Md., **Sean McFarland's** family moved to the Waynesboro area in 1977—Sean considers himself an 'almost native.' He is manager of the Washington Township Municipal Authority.

Always a fan of Renfrew Park, his children attended institute school programs as students at St. Andrew School.

"We also attended many institute events over the years like the Jazz Fest and Pumpkin Fest," he said.

Sean is a veteran of the institute's July 4 Salamander Scramble. "The first time I ran in the Scramble was 2013, and my 9-year-old son, Jimmy also joined the team."

Sean holds bachelor's degrees in marketing and management, and in business administration, from Muhlenberg College in Allentown, Pa., where he met his wife, Jenny, when they were freshmen.

A member of the Waynesboro YMCA board, Sean lives in Waynesboro with his wife, kids Jimmy and Lily, and two Italian Mastiff dogs, Chunk and Peanut.

Sean will serve on the Salamander Scramble, Facilities, and Development committees.

"Now that my kids are a little older, I have more time to give back to our community with volunteer work," he said. "I am looking forward to keeping an active role in the Scramble and other events."

Three's the Charm...

A Charming Trio on Top of the Mushroom!



Three friends, with much in common—**Sue Von Rembow**, **Sandy Beaumont**, and **Bonnie Rhodes**. All three are educators, all have kids who attended Renfrew Institute programming, all are active in their community in a variety of capacities—and all reunite each year over a table filled with ‘another man’s treasures’ at Renfrew Institute’s annual Recycle/Reuse Yard Sale.

And now, all three will share Renfrew Institute’s special place of honor, *On Top of the Mushroom!*

The trio of friends have been involved with the Recycle/Reuse Yard Sale since its inception in 2005, recruited to join the committee by their mutual friend, **Debbie Pflager**, the event’s creator and first chair. Over the years this fundraiser, held in conjunction with Earth Celebration Day, has raised an average of \$3,000 annually.

Sandy grew up in York, Pa., and Sue is from Phoenixville, Pa. Both came to Waynesboro for jobs in the Waynesboro Area School District—Sue’s husband, Ron as a teacher and coach, and Sandy and her husband, Rob both accepted positions with the district.



(L to R) Sue Von Rembow, Sandy Beaumont, and Bonnie Rhodes staff Renfrew Institute’s sale table at the annual Recycle/Reuse Yard Sale, held each year on Earth Celebration Day. The trio has helped orchestrate the event since its inception. Photo by Tracy Holliday.

Bonnie was raised in Zullinger, and her family connections to Waynesboro—and to Renfrew—run deep. Her father was Zane Miller, and her uncle, Ed Miller was Renfrew’s long-time caretaker and a champion of Renfrew Institute since it’s fledgling days.

When their children were young, Sue, Sandy and Bonnie became friends, holding play dates, visiting Renfrew Park, and eventually becoming involved with Renfrew Institute’s events and programs.

Sandy was introduced to Renfrew Institute school programs through her children. “I was so impressed by the educational programs our children became involved in while in elementary school, and by the mission and philosophy behind all of the programs here,” she said.

“When the Youth Festival began (late 1980s), I became a volunteer and headed up that event,” Sandy said. “This eventually led to my becoming a board member.” Sandy served on the institute’s board of directors for seven years, from 1993 to 2000.

Sue’s involvement began as a parent. “My earliest involvement with the institute was as a parent

helper as my children attended the educational programs,” she said. “I had the opportunity to accompany them and experience the wonders that Renfrew Institute offered area students.”

Later, when Sue returned to the classroom as a first grade teacher at Summitview Elementary School, she accompanied her students to institute programs.

“This is where I met *Goldenrod* [now executive director, Tracy Holliday] and many other engaging teachers so focused on sharing the importance of taking care of our natural world,” she said. “Our first grade classes participated in several Earth Day events.”

Bonnie was also introduced to institute programming through her students. Bonnie taught at Mowrey Elementary School, “and my students had opportunities to take part in the institute’s educational programs throughout the years.” Bonnie accompanied many classes on field trips to Renfrew Institute’s school programs.

(continued on page 25)

Trio On Top of the Mushroom continued from pg. 24

Bonnie's husband, Jeff, served on the institute board of directors from 2000 to 2003, so that provided another link to the institute.

In 2005, "Debbie [Pflager] contacted me to see if I wanted to be involved in the Reuse/Recycle Yard Sale. My response was yes!" Bonnie said. "The yard sale is such a fun time to be reunited with the girls and help out Renfrew Institute at the same time."

The yard sale will mark its 13th year this April, and all three volunteers plan to be there.

"At the yard sale table, we have endured all types of weather from thunderstorms to cold temperatures. You never know what the weather will be like in April," Bonnie said.

"Over the years, the yard sale event has been most memorable for me as I have the opportunity to share it each year with wonderful friends," Sue said. "We enjoy spending the day together and catch up with each other while we support the institute. What could be better?"

Sandy agrees. "I love Renfrew and enjoy volunteering or attending everything that goes on here!" she said. "It's fun—being with so many people from our community. It's a joy to see and connect with both old and new friends!"

All three also volunteer for other area organizations, supporting their

community in many ways. Sandy serves on the board of the Antietam Watershed Association, and is active with the Waynesboro College Club, which is dedicated to providing scholarships for local students.

Bonnie is actively involved with the Waynesboro Gala Cancer Auction. "I also volunteer weekly at a church in Chambersburg with their outreach mission project, and at my own church I coordinate 'soup making day,' sing with the Praise Band, and volunteer at Hershey Park."

"The activities and programs that are provided by Renfrew Institute bring a historical value in connecting the past to the present in such a meaningful way." —Bonnie Rhodes

Sue is a reading specialist and travels between Summitview and Hooverville elementary schools. "Since I work full time, I'm not able to be as active a volunteer as I'd like, but I am a member of the Franklin County Reading Council, Friends of the Library, and Waynesboro College Club."

Renfrew Institute's motto is "*Building connections...to the past and to our natural world.*" Ultimately it is the connections with community and friendship that keep this trio involved with the institute.

Bonnie feels a deep connection

to the institute and to Renfrew Park. "My son (when he was little), loved to play in the creek at Renfrew and look for crayfish, and now my two oldest grandsons love doing the same thing," she said. "Renfrew will always hold a special place in my heart, partly because of my uncle Ed Miller. When I see Renfrew—I see Uncle Ed."

"The staff and volunteers who are a part of the institute are wonderful people to be around," Sandy said. "I have enjoyed seeing the continued growth and expansion of

Renfrew Institute. It has come such a long way from its early years... and has stayed dedicated and true to its mission throughout all of these years."

Sue loves the park and the institute programs held there.

"Renfrew is such a special place for connection...to nature, to history, to our families and friends, and community. For me, it has also been a great, quiet place to connect with myself, as I enjoy walking on Renfrew's many trails..."

"Institute programs give children (and adults!) opportunities to spend time in and learn about the environment and our cultural heritage."

With gratitude for all they have done and continue to do, all of us at Renfrew Institute hope that Sue, Sandy and Bonnie enjoy their view from *On Top of the Mushroom!*

Andrea Struble

Come greet our Mushroom Trio at this year's Recycle/Reuse Yard Sale on Saturday, April 28, 2018!

Rent a table and sell your stuff, or shop for new treasures!



Renfrew Institute Welcomes New Assistant Director

The past year brought changes in Renfrew Institute's administrative staff. After more than a quarter-century as executive director, Melodie Anderson-Smith stepped down from that role in July to become the institute's Director of Environmental Studies. [see pg. 9] Former associate director, Tracy Holliday became the institute's new executive director. [see pg. 1]

In August, Renfrew Institute welcomed **Jessica Watson** as the new Assistant Director. To join our team, Jessica left a part-time position as the administrative assistant at the Greater Waynesboro Chamber of Commerce, where she had been since 2012.

While the part-time position worked well for her young family, she was ready to pursue full time work to continue her professional career.

Upon graduating from Kutztown University in 1999, Jessica used her art education degree and certification to its full extent at the Susquehanna Art Museum and Harrisburg Area Community College, where she was an education coordinator and adjunct instructor of Art History.

In 2008 she started her family with her husband Matt Watson, and built their home in his native Blue Ridge Summit, Pa. They enjoy

their home in the woods with daughters Anna, 7 and Lyla, 5. She is active in her daughters' lives, which include Girl Scouts, soccer and classroom activities.

Jessica also serves on the board of directors for the Arts Alliance of Greater Waynesboro and the fundraiser committee of Alexander



Renfrew Institute's new assistant director, Jessica Watson with husband, Matt, daughters Lyla and Anna, and their dog, Lucy.

Hamilton Memorial Library. She has brought her creativity, community connections and experience with event planning to these two nonprofit organizations that serve the community.

Here at the institute Jessica has made an easy transition into the rhythm of daily happenings. She has stepped into membership and events coordination as well as the formidable task of program scheduling with visiting schools. Thanks to her engaging social media posts, the

institute's Facebook page increased by over 100 followers within two months.

"Going back to work full time was a big transition for my family, but Renfrew Institute has taken me in with open arms and has been incredibly welcoming and professionally supportive," Jessica said.

"The move to this position has been very natural for me; it's my hope to help nurture this organization and continue on with its amazing contribution to this community."

In the short time she has been here, Jessica has made a fitting connection with our staff, volunteers and board members. Her experience in education, nonprofit work, program organization, and boundless creativity will no doubt add strength to

Renfrew Institute.

Welcome, Jessica!



Nora Slick, Melodie Anderson-Smith and Jessica Watson donned staff tee-shirts for the annual Pumpkin Fest in October.

Departing Board Members: Jeremy Bowersox, Tim Parry, Lucinda Potter & Anne Shepard

In July, Renfrew Institute ushered in a class of four new board members. Naturally, that means we also bid adieu to four devoted directors who “retired” from their board posts with the traditional induction into the “Order of the Wooden Cookie.”

Each was presented with a wooden cookie necklace, inscribed with a specially selected moniker recalling their board service.

Jeremy Bowersox was affectionately dubbed “Salamander-in-Chief” as his six years of service were marked by leadership of the *Salamander Scramble Fundraiser 5K*. In celebrating the 10th anniversary of the race last year, Jeremy and his committee led the event to record financial success, netting just over \$10,000.

Through the power of an invested committee and tremendous community generosity, the *Scramble* has become a crucial part of the institute’s financial underpinning.

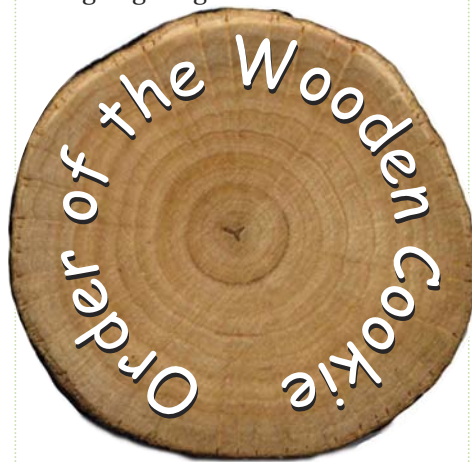
Jeremy also served on the Membership and Development committees, with valued input on matters like engaging our membership family, fundraising, and endowment policies. And signatures—lots of them—on letters for our membership renewal campaigns.

We are grateful that Jeremy will remain in a leadership role for the institute’s 5K fundraiser, maintaining his esteemed post for now, as Salamander-in-Chief.

Tim Parry was respectfully dubbed “Financial Finesser” as he stepped away from a six-year term. Serving as treasurer, Tim’s steady hand on the financial helm helped guide the institute through a period of budgetary growth that strengthened the organization and helped provide a solid foundation for the future. Tim was reliably mindful and supportive of staff as he fulfilled his duties as treasurer.

Attendees of *Pumpkin Fest*

were greeted by Tim’s cheerful presence as he led admissions efforts for the event during a time of record attendance growth. His thoughtful guidance led to improvements in moving as many as 1,500 people through the “gate,” speeding them along to get right into the fun.



Tim’s service on the Adult/Teen Education Committee contributed to an engaging slate of programs annually, and he often volunteered at institute functions. We’re pleased that Tim has elected to remain on the Finance and Adult/Teen Education committees.

Lucinda “Cindy” Potter was inducted into the Order of the Wooden Cookie as “Gentle Board Booster.” Cindy also established a *Pumpkin Fest* presence over her six-year term. Whether appearing with boxed bundles of newspaper for scarecrow capers or serving in the soup and bread line, Cindy could be relied upon to show up with a smile.

She, too, served on the Development Committee, offering important input around fundraising and endowment decisions.

Her service on the Facilities Committee continues, for which we are grateful as we search for solutions to the need for improved office facilities and a plan to better serve students in outdoor programming during inclement weather.

Cindy is thoughtful and soft

spoken, and we’re grateful for the care she puts into these important deliberations.

Anne Shepard, “Rockin’ Lifelong Learner,” served as Vice-President during the latter half of her six-year term, and provided valuable guidance during an especially challenging set of governance decisions.

Anne also served as chair of the Adult/Teen Education Committee and will remain a member. An amateur spelunker, her enthusiasm for adventures made her a natural fit for helping plan excursions for others.

Through her service on the Membership Committee, Anne’s input led to new channels of donor engagement. Thanks in part to her urging, the institute is able to engage its members in the digital world.

She even gets some credit for the institute’s presence, finally, in the Facebook community.

Although Anne helped us step into the digital world, she also understands the importance of personal touches, whether signing a membership request with a personal note, or offering a special gesture to institute staff.

Pumpkin Fest visitors are also familiar with Anne’s sunny smile as she served hot dogs and coffee each October. She continues to volunteer there, and at the Recycle Reuse Yard Sale food concession. For many years she was “Our Lady of Lemonade,” when she and hubby Pat mixed 20–30 gallons of lemonade for an appreciative Jazz Fest crowd.

As with all transitions, there is a little bitter with the sweet. We’re sad to see these directors leave, but are delighted that they remain involved at the committee level. Who knows...institute bylaws permit a return to board service after a year away...Perhaps one of them will return for more!

Tracy Holliday



Memorial & Honorial Donations

Thank you to the following who have each made a special donation to Renfrew Institute.

Please see additional memorials under Sponsorships (page 18).

In memory of

Michael M. Miller of Spencer, WV

Daniel Arthur

In memory of

Steve Waltz: Jazz Fest

Steve Graham

In honor of

Dr. Doris Goldman

Blue Ridge Garden Club

In memory of

Mike Snively

Steve Graham

In memory of

Betty Casteluccio

Steve Graham

In memory of

Deborah M. Singer

donated by her close friends

In memory of

William Werzyn

Waynesboro Hospital Medical Staff

Melodie Anderson-Smith & James Smith

In memory of

Emma Lohman

Colleagues of John McIntire at US Amry, Fort

Detrick DPW O&M

Carol Bailey

Cynthia Gettins

Dorothy Wetherald

In memory of

Ed Pelger

Peggy McCleary, Susie Crouse, Kathleen

Kaminski & Elaine Shugart

In memory of

Ed Miller

Melodie Anderson-Smith & James Smith

Ed & Marie Beck

Steve & Maxine Beck

James & Barbara Bowersox

Maryellen Schaller Burker

Doris Goldman & Family

Steve Graham

Carol Henicle

Sherry & Scott Hesse

Tracy Holliday

William F. Kaminski

Doris Large

Wayne & Debbie Martz

Susan & Larry McBride

Helen K. McCabe

David A. McCarney

Bev McFarland

Tim, Candy, Lauren Moffatt & Susan Cramer

The Monday Morning Breakfast Crew

at Brothers Restaurant

(Marty Schorn, Larry Shifflet, Pete Clark,

Frank Conway, Otto Colborg)

Mary Ann Payne

Debbie & Bill Pflager

Mr. & Mrs. J. Christopher Richwine

Pam & Bruce Rowland

Angela G. Weagly

Bequest

From the Estate of

Judge John W. Keller

A gift of \$600

Summer Institute FUN! for Kids



Children in grades 4 to 6 were invited to **Take a Hike** during a new Summer Institute happening. Participants explored the Salty Grimes, Blue Heron and Edmajoda trails at Renfrew with institute staff members Pam Rowland (hike leader), Beth Skroban and Melodie Anderson-Smith, stopping along the way for fun, nature-related experiences. Youth volunteer Jessie Elden accompanied the group. Photo by Melodie Anderson-Smith.



Young naturalists got **Nose to Nose with Nature** in Renfrew's pine forest and the Antietam Creek with Renfrew Institute's Director of Environmental Studies, 'Earthwalker'—Melodie Anderson Smith. Magical moments abound, such as the discovery of this Lesser Grapevine Looper Moth, a member of the inchworm family. The Nose to Nose Summer Institute experience is underwritten by Steve and Maxine Beck. Top photo by Beth Skroban, bottom photo by Tracy Holliday.



Children gathered under the horse chestnut tree at Renfrew to hear some wild tales each Tuesday for several weeks last summer during the **Summer Stories** sessions. Stories were read, and a fun thematic activity followed, thanks to institute volunteers Kathy Helfrick and Jane Glenn. Summer Stories are sponsored by John and Debbie Beck. Photo by Tracy Holliday.



Dr. Doris Goldman, Renfrew Institute's Four-Square Garden director, invited children to join her **Down a Garden Path**. Kids dug, watered, picked and played as they learned about plants and critters in this special place where food is grown and fun is happening! Down a Garden Path is sponsored by Max Creager, in memory of Nancy Hess Creager. Photo by Pam Rowland.

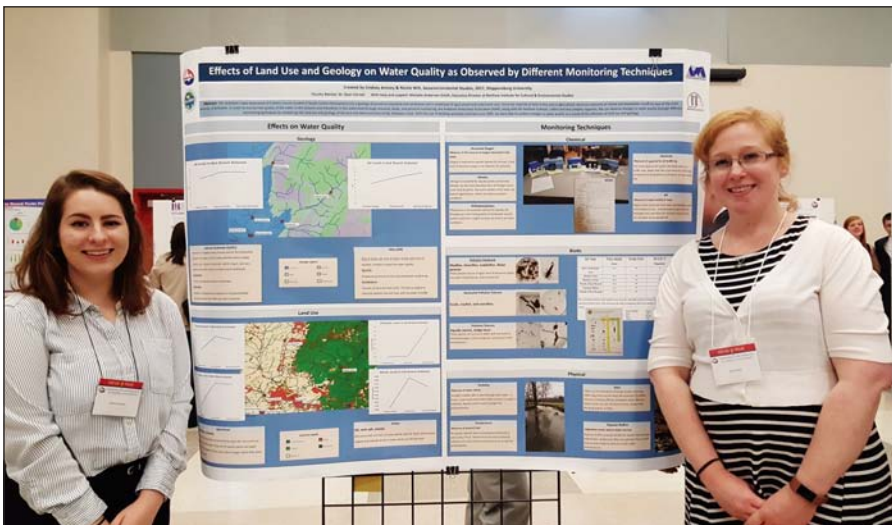


It was a Perfect Day for Sizzling Summer Jazz

Jazz Fest 2017 on August 27 featured an all-star band with Vincent Herring, Conrad Herwig, Jared Gold, Paul Bollenback, and Jeff “Tain” Watts. About 1,000 music fans came out to enjoy the day!



Former Institute Interns Present Work at Mind@Work Conference



Lindsey Amsley (left) and Nicole Wilt presented their oversized poster on the *Effects of Land Use and Geology on Water Quality as Observed by Different Monitoring Techniques* at the Minds@Work conference at Shippensburg University (SU) last April.

Students from all disciplines present their research and creative work during the Minds@Work event.

Geoenvironmental Studies students at SU, Lindsey and Nicole worked on the project as interns at Renfrw Institute.



Renfrew Institute staff and faculty, left to right, front row: Tracy Holliday, Andrea Struble, Beth Skroban, Melanie Desmond, Nora Slick, Melodie Anderson-Smith, Pam Rowland, Jessica Watson, Kathy Seiler, Beverly McFarland. In the tree: Doris Goldman, Jen Atkinson, Lori Schlosser.

Professional Development Field Trip to Shank's Mill



Renfrew Institute's staff visited Shank's Mill near Fairfield, Pa., for a professional development experience.

The area that the mill is located in was home to many water-powered mills, and Shank's Mill is believed to date from the early 19th century.

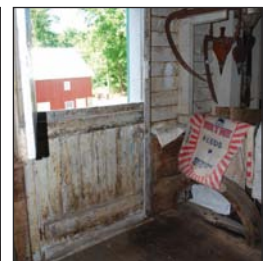
Current mill owners Nina and Tom Dolly provided a grand tour of the property where staff members saw the old millstones, a cider press, and authentic artifacts of the mill's past.

Professional development activities are sponsored by Richard and Peggy Walsh, Donna and Tony Haugh, and Karen and Edmund Herald.

Photos by Tracy Holliday.



Shank's Mill		Jan 4, 1965
Ladies Choice Flour	5 ⁰⁰	15
Blondwell Flour	5 ⁰⁰	10
Buckwheat Flour	5 ⁰⁰	40
Poultry Mix	100 ⁰⁰	5 ⁰⁰
Laying Mash	20 ⁰⁰	4 ⁰⁰
Scratch Feed	100 ⁰⁰	3 ⁰⁰
Hog Feed	100 ⁰⁰	4 ⁰⁰
Pig Starter Mash	100 ⁰⁰	5 ⁰⁰
Horse Feed	100 ⁰⁰	4 ⁰⁰
Cattle, corn & cob chop	100 ⁰⁰	5 ⁰⁰
Molasses	2 ⁰⁰	
Wheat middins	100 ⁰⁰	3 ⁰⁰
Wheat bran	100 ⁰⁰	3 ⁰⁰
Meal & bone scrap	200 ⁰⁰	5 ⁰⁰
Cotton seed meal	100 ⁰⁰	4 ⁰⁰
Soy bean meal	100 ⁰⁰	5 ⁰⁰
Dress print bags		20



SALAMANDER SCRAMBLE



The 10th annual Salamander Scramble got underway at 8 a.m. sharp on July 4, 2017.

Walking, running or “scrambling” in support of Renfrew

Institute’s efforts to inform and inspire, our Team Salamander was remarkable in a very special 10th-Anniversary way!

Here’s what the team looked like on July 4, 2017...

78 Members

21 Youth – 57 Adults

13 First-timers

8 Charter members (participation since the 1st Annual in 2008!)

13 Scrambled from remote locations

(3 in Raystown Lake, 2 in Montana, 2 in Utah, 3 in Annapolis, 3 in Hagerstown)

Youngest Scrambler: Kensie Ledden, age 3 months

Senior-most Scrambler: John Lefebure, age 74

Most Family Members: The Mannings, 6 present

Farthest traveled: James Kim, Bethany Bui,

Bobby and Tu Mai from New Jersey

Top Fundraiser: John Kelly, Winner of Orioles tickets for four

Fundraising Details

Scrambler pledges: \$7,138

Sponsor support: \$4,750

Record Scramble net proceeds in support of Renfrew Institute’s programs...

Just over...get ready for it...

\$10,000!!!

Thanks to Our Sponsors!

LEAD SPONSOR: Arlene Unger, ReMax Associates, Inc.—Eco-tech Team Jerseys

Grove Bowersox Funeral Home—Icy Cool Finish Line Towels

Cornerstone Family Dentistry

John Hershey, III—

Hershey Fitzsimmons Group

WACCO Properties, Inc.

Waynesboro Physical Therapy

Eichholz Flowers

Waynesboro Waterworks Car Wash

Thanks to Salamander Scramble Committee!

Jeremy Bowersox (*Chair*)

Stephen Bui

Lori Eigenbrode

John Hershey

Jeb Keller

Sarah Klink

Fred & Beth Skroban

Bob Correll (*emeritus*)

Thanks to our prize donors!

John and Erin Hershey—Orioles tickets for Four

Caledonia Golf Course—Foursome golf outing

River and Trail Outfitters—Mellow Water Float for Four

Waynesboro YMCA—(2) Three-Month Memberships

Gift cards from:

Active Life Solutions and Advanced Chiropractic Care—Drs. Bui and Cao

(6) \$25 discount codes for Active Life Solutions website and (1) pair of Vionic sandals

Waynesboro Municipal Golf Course

(2) 18-hole rounds/two laser caps

Mark and Sarah Klink—Outback and Amazon cards

Nicodemus Center for Ceramic Studies—Youth class

Waynesboro Water Works Car Wash—

3 Deluxe Car Wash

Fred Skroban—Hammer Tumblers

Thanks also to volunteers—

Jenna Moreland and Genia Gordon of Sprint/Nextel

Rod and Lynn Teach and Shippensburg University

intern Eric Peregord!

It takes true teamwork to create an event like this!

We are so grateful for this remarkable demonstration of support of Renfrew Institute’s activities in the community—

Go Team Salamander!!!



The 10th Anniversary Team Salamander Raised \$1,000 for Each of the Event's 10 years = **\$10,000!!!**



Another Successful Pumpkin Fest

We stuffed a record 288 scarecrows, and even sold out of pumpkins!

We had **1,500 visitors + 200 wonderful volunteers + 54 donations**. Net profit for the event was approximately **\$7,582!** This amount will be shared equally by Renfrew Museum and Renfrew Institute.

We couldn't have done it without all our wonderful volunteers!

Pumpkin Festival 2017

**Our
24th
year!**

Photos, clockwise: The field was full of pumpkins and we still sold out! David Hykes pours soup into the kettle. Face painting, scarecrows, and greeters in pumpkin outfits (Mount St. Mary students) all added to a fun fall day.

All photos by Trey Gelbach

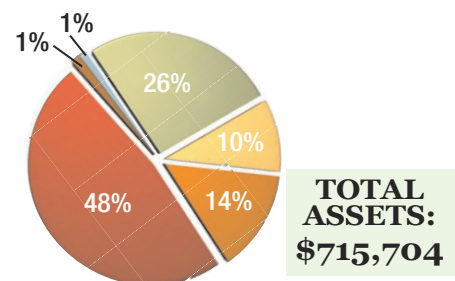
Renfrew Institute's Financial Health 2016–2017

Renfrew Institute Financial Statement 2016–17

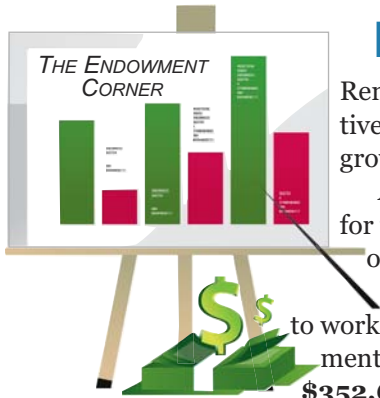
(July 1, 2016–June 30, 2017)

Operating Income		Operating Expenses	
Memberships	\$33,839	Salaries, Benefits, FICA (faculty & admin.)	\$200,526
Bequests, Memorials	7,616	Community Events	9,820
Student Fees (schools, adult/teen wkshp & Summer Inst.)	46,981	Fund Raisers	17,619
Grants/Sponsorships (educ'l. programs, publications, prof. dev., tech support)	78,037	Program Supplies, Printing, Postage (programs, office, tech, newsletter, etc.)	19,080
Grants/Sponsorships (community events)	13,317	Prof'l Devel. & Chamber Memberships	1,483
Grants/Today's Horizon Fund	26,000	Admin./Consult. Fees/Bank Fees	2,416
Fund Raisers (Pumpkin Fest, Recycle Yard Sale, Bay Supper, Salamander Scramble)	55,526	Phone/Internet/Equip. Maint.	2,112
Other (special projects, interest, misc.)	29,781	Insurance	3,490
Endowment Income	7,038	Misc. (petty cash, vol. apprec. mtg. snacks)	267
		Facilities Contrib. (to Renfrew Museum)	3,000
		Facilities Expense	1,275
		Restricted Expense	2,935
TOTAL Capital Income (from operations)	\$298,135	TOTAL Capital Expense (from operations)	\$263,843
Endowment Fund (donations)	\$10,655		

Renfrew Institute Assets as of 6/30/17



- 1%—Checking Account: \$6,758
- 26%—Savings: \$186,461
- <1%—Petty Cash: \$100 (not on chart)
- <.5%—Equipment: (less depreciation) (not on chart) \$3,140
- 10%—M&T Money Mkt (operations reserve): \$71,642
- 14%—Beneficial Interest in Perpetual Trust: \$99,862
- 48%—Endowment Fund/M. Keller Fund: \$338,700 (mutual funds & bonds investments)
- 1%—Accounts Receivable: \$8,712
- <1%—Prepaid Expenses: \$329 (not on chart)



Endowment Fund Value Holding Strong

Renfrew Institute’s Endowment Fund continues to grow, thanks in part to our attentive trustees, and to favorable market conditions over the past year. Of course, that growth is also thanks in great part to the generosity of our supporting members.

Although a portion of the endowment’s value lies in the financial security it provides for the future, there is great value in accessing the fund’s earnings to help support our annual operations budget.

In the years since 2015–16, we’ve been able to put realized investment earnings to work for the organization in the here-and-now without touching the principal investment. **In fact, the principal value continues to grow, standing at \$352,648.31 as of the end of December 2017.** We were able to realize earnings of

\$7,038 for use in the 2016–17 operations budget, providing a valuable funding stream that helps keep the programming wheels in motion.

Thanks to the generosity of members during our annual supplemental giving campaign in 2016-17, we received 43 gifts designated for the endowment fund, totaling \$10,655 newly invested in principal. Our current endowment/supplemental giving campaign (2017–18) has just gotten underway. If you’ve already made a donation, **thank you** for helping to grow this important nest egg.

Contributions to the endowment fund are accepted year round. Please make your check payable to *Renfrew Institute* (memo Endowment) and mail to:
 Renfrew Institute
 1010 East Main Street, Suite A
 Waynesboro, PA 17268

You may also choose to include Renfrew Institute in your estate planning, or by making a gift of appreciated stock. Such gifts may be designated in support of our endowment, or for current use as we serve the community with programming today! Please call our office at (717) 762-0373 or email us at info@renfrewinstitute.org for more information.

Our sincere thanks to the following individuals and businesses that have made endowment donations since our last *Streamside* publication:

\$1,000–\$2,500

- Leonora Bernheisel
- Greg & Debi Duffey
- William & Diane Nitterhouse Foundation
- John & Peggy Maynes
- Lucinda Potter, CPA
- Martz Plumbing, Heating & AC
- Angela Weagly

\$500–\$999

- Mike Beck
- Carl & Bonnie Monk
- Eunice Statler
- Angela Grove Weagly
- Lynn MacBride

\$100–\$499

- David & Ethel Boon
- Rob & Kathy Bostic
- Grace & Bob Brown
- George & Martha Buckley
- Matt & Megan Burton
- Bob & Terri Dee
- Paul Dunlap & Barbara Shank Dunlap
- Bill & Twila Flohr
- Franklin County Conservation District
- Bill & Liz George
- Steve Graham
- Dean & Dorothy Hebb
- Gregg & Lois Hershberger
- Blaine Holliday
- Melissa Graham Johns
- John & Martha Dudley Keller
- Barbara Kercheval
- Jerry & Mary Jo Kowallis
- Gregory & Diana Lyon Loftus
- Walter & Karen Manderson
- Noelker & Hull Associates
- Matt & Tana Oyer
- Betsy Payette
- Bill & Debbie Pflager

\$100–\$499 Continued

- Mr. & Mrs. Christopher Richwine
- James & Barbara Rock
- Dr. & Mrs. Earl O. Strimple
- Doug Tengler
- Cole & Kathy Werble

\$1–\$99

- Blubaugh’s Tire & Wheel Sales
- Jane & Ernie Charlesworth
- Susan Cipperly
- Ronald H. & Mary Jane Collins
- Becky Deitrich
- Barry & Lisa Donohoe
- Walter & Catherine Gembe
- Gregg Hershberger
- Vicki Hess
- Tracy Holliday & Kevin Ledden
- Beverly McFarland
- Ann Miller
- H. Clayton Moyer
- Mary Ellen Selvaggio & Patric Schlee
- Melodie & James Smith
- John Stouffer
- Mr. & Mrs. Michael Szynal
- Karen’s Custom Framing
- Greg & Laura White

*Thanks
 so much...
 ...for helping
 us grow!*



Four-Square Garden Class Quilt

Kathy Helfrick created this beautiful quilt, which gives students a bird's eye view of the four-square garden before they begin their garden activities. It is used to teach the children about the various garden beds and plants, as well as the symbolism of garden's design. Many thanks to Kathy for the gift of this lovely and colorful teaching tool!



COMING THIS SUMMER!

Presented by
RENFREW INSTITUTE

MEG PRESENTS

**TO BE OR NOT TO BE
HAMLET**

SUMMER 2018

Saturday, June 16, 2018
Renfrew Park • Waynesboro, Pa.

Something wicked this way comes...

Annual Halloween Stories sent chills up the spine for a fun evening of spooky entertainment.



Storyteller Jennifer Vanderau (in photo above—which one is Jennifer?) held a rapt crowd spellbound during Halloween Stories. The event is sponsored by Patriot Federal Credit Union. Photo by Tracy Holliday.



Assistant director, Jessica Watson prepares the crowd for an evening of spooky tales. Photo by Tracy Holliday.

Chesapeake Bay Supper Fundraiser
 Friday, June 22, 2018 • 5:30 PM
 WAYNESBORO COUNTRY CLUB

*Mark your calendars now!
 This event really **IS**
 all that its
 "cracked up" to be!*

*Don't miss this
 FUN annual
 event!*

Tell your friends
 & come out & support
 Renfrew Institute with a
 great evening of food,
 fun & frolic!

For more information, call
(717) 762-0373
info@renfrewinstitute.org
www.renfrewinstitute.org

FirstEnergy
 Foundation WestPenn Power
 Lead Sponsor Blue Crab Level!

*Make plans now to be a part of this
 fabulous, fun & delicious event!*

Playing in the Creek...

Is WaterStrider Jack Hubbard contemplating making Melodie Anderson-Smith take a full plunge into the chilly waters of Antietam Creek? Or is he just holding that heavy thing (a rock-weighted leaf pack) until Melodie needs it? Being a stream monitor can be fun! Photo by Kirsten Hubbard.





Garden volunteers took a field trip to Surreybrooke farm and garden center in Middletown, Md.

New volunteers always welcome!

Email to: pbrowland@embarqmail.com or call 717-642-8802.

Garden Volunteers Keep Us Growing!

All year round, a dedicated group of volunteers works to keep Renfrew Institute's Four Square Garden beautifully maintained. The care provided by all these "green thumbs" is reflected in the bountiful garden!

Thanks for all your time and effort!

2016-17 Four Square Garden Volunteers:

Becky Alfeld	JoEtta Brown	Kathy Morrisey
Barb Bailey	Carolyn Crampton	Leitha Rountree
Carol Bailey	Trey Gelbach	Andy Rovelstad
Cookie Beck	Priscilla Harsh	Maggie Rovelstad
Maxine Beck	Mike Hill	Lew Thomas
Shelley Benchoff	Diane Keeney	Marilou Thomas
Ben Bender	Pat McClain	Marty Zimmerman
Jane Birt		

GARDEN WISH LIST:

- 🌿 Wheelbarrow for everyday use, modern is fine.
- 🌿 A couple of 1800s-style wheelbarrows, one small "child size" and one medium-size (often available on eBay).
- 🌿 Children's garden gloves (15 pairs)
- 🌿 Variety of gardening implements:
 - Pick
 - Small sledgehammer
 - Pitchforks (2)
 - Pruning shears (3)



Several of the institute's garden volunteers gathered to enjoy a Christmas party and holiday festivities. Photo credit Trey Gelbach & Bruce Rowland.

WELCOME

New Members! 2016–17 and 2017–18

Donald Arrowood	Christina Kostka
Maria Bakner	Riley & Dilara Ledden
Mr. & Mrs. David Biser	Sharon Magee
James Clapsaddle	Joseph Mieczkowski
Melanie Desmond	Matt & Donna Rhodes
Preston & Emily Dunn	Clint & Rhonda Rock
Andrew Everetts	Jim Rowan & Mary Matson Rowan
Rachel Frick	Dean & Sally Thomas
John & Priscilla Harsh	Jessica & Matt Watson
Jean Haugh	Lawrence & Sharon Williams

THANK YOU FOR "GOING DIGITAL"

Your decision to receive an electronic version of *Streamside* helps Renfrew Institute to save time, money, paper and other resources!

We hope you enjoy this digital issue of *Streamside*



RENFREW INSTITUTE
BOARD OF DIRECTORS
Jay Heefner, *President*
Donna Haugh, *Vice-President*
Renee Preso, *Treasurer*
Judy Papoutsis, *Secretary*

Judy Beam
Maxine Beck
Megan Shea Burton
Terry T. Eisenhauer
Andy Everetts
Steve Graham
Karen H. Herald
John R. Hershey III
Jeb Keller
Sarah Klink
Sean McFarland
Richard Walsh

RENFREW INSTITUTE STAFF
Tracy Holliday,
Executive Director
Jessica Watson,
Assistant Director
Pam Rowland,
Director of Cultural Studies
Melodie Anderson-Smith,
Director of Environmental Studies

Beverly McFarland,
Accounts Manager
Andrea Struble,
Director of Public Relations
Jen Atkinson, *Faculty*
Melanie Desmond, *Faculty*
Doris Goldman, *Faculty and*
Director of Four-Square Garden
Lori Schlosser, *Faculty*
Kathy Seiler, *Faculty*
Beth Skroban, *Faculty and*
Director of Textile Studies
Nora Slick, *Faculty*

Winter owl walk is a magical experience...

Dear Renfrew Institute,
Thank you for a wonderful time at the owl walk! My brother and I really enjoyed ourselves.

Although we didn't see or hear any owls (and it was cold!), walking through Renfrew by moonlight was quite magical.

I hope to do more owl walks in the future!

– Carly McFerren



Renewal Reminder

We are grateful for the many membership renewals coming in daily. If you haven't renewed your membership, please consider doing so today!

We need and value your support!

Renew Online

Use link on homepage at:

www.renfrewinstitute.org

Or call us for a renewal form, 717-762-0373



2018 Calendar of Events — See our website for details!

All events supported in part by Today's Horizon Fund contributors: The Nora Roberts Foundation; Alma W. Oyer; APX Enclosures, Inc.; The Carolyn Terry Eddy Family; Carolyn, with daughters Connie Fleagle & Kim Larkin; and the The John R. Hershey Jr. and Anna L. Hershey Family Foundation.

Note: Events that occurred before the publication date of this issue of Streamside have been included here. Many of these events happen annually...be sure to check our online calendar!

“SOAR” Fall/Winter Bird Walks 1st & 3rd Saturdays, Sept. 2–March 17
7:30 to 10 a.m. • Renfrew Park

Larry & Sharon Williams lead bi-weekly bird walks along park trails. Free.

Creatures of the Night: Family Owl Walk Thurs., Nov. 2 • 6 p.m.

Visitors Center, Renfrew Park

Naturalist Lori Schlosser conducts a walk to areas of Renfrew Park likely to attract owls. Pre-registration required. Free.

Solar Eclipse Event Follow-up with Todd Toth Thurs., Nov. 16

6:30 p.m. • Visitors Center, Renfrew Park

NASA scientist Todd Toth discusses the August 21 eclipse and NASA's Goddard Space Flight Center. Free.

Star Party Thurs., Dec. 7 • 6:30–8:30 p.m. • Backyard of the Renfrew Museum house, Renfrew Park

In partnership with the Tri-State Astronomers. A telescope viewing of the night sky. Free.

NASA's Citizen Science Programs Thurs., Jan. 11 • 6:30 p.m.

Visitors Center, Renfrew Park

NASA's Todd Toth discusses citizen science program, GLOBE. Free.

Ukrainian Egg Workshop Sat., Jan. 20, 2018 • 10 a.m.–2 p.m.

Visitors Center, Renfrew Park

Create a pysanka, an intricately decorated egg, using techniques of the traditional Ukrainian folk craft. Hands-on instruction by Holly Olszewski. Workshop Fee: \$25 for RI members, \$30/non-member. 15 & up, limit 10.

Astronomy: What Cassini Told Us About Saturn Thurs., February 1

7 p.m. • Visitors Center, Renfrew Park

Presented in partnership with Tri-State Astronomers. Dr. Lawrence Marschall discusses the dramatic end of the Cassini spacecraft mission to Saturn. Free.

Creatures of the Night: Adult Owl Walk Thurs., February 8 • 6 p.m.

(snow date TBA). Meet at Visitors Center, Renfrew Park

Naturalist Lori Schlosser conducts an outdoor walk to areas of Renfrew Park likely to attract owls. Pre-walk information session. Age 15 & up. Limit 60. Pre-registration required. Free.

Lecture Series 2018: Keep the Wheels Turning I Thurs. March 8

7 p.m. • Visitors Center, Renfrew Park

The Wheel That Grinds: Mills in Renfrew's Past. Archaeologist Will Sheppard presents a program on the mills associated with the Royers, who settled the Renfrew property in the early 19th century. Free.

Telescope Clinic—How to Use Your Telescope! Sat., March 10

10 a.m.–2 p.m. Visitors Center, Renfrew Park

Presented in partnership with Tri-State Astronomers. Maximize your use of a telescope. Pre-register for consultation time. Free.

Lecture Series 2018: Keep the Wheels Turning II Thurs. March 15

7 p.m. • Visitors Center, Renfrew Park

Keeping Antique Cars Rolling Along. Bill Calimer presents a program on antique automobile wheels and how they are replicated for use today. Free.

Renfrew Rocks! The Rock Detective Strikes Again Thurs., April 5

7 p.m. • Visitors Center, Renfrew Park

In partnership with the Franklin Co. Rock & Mineral Club. Geologist Jeri Jones presents a fun and educational program on the geology of the area between Gettysburg and Interstate 81. Free.

“SOAR” Spring Bird Walks Sat., April 7–May 26 • 7:30–10 a.m.

Renfrew Park

Naturalist Jack Olzewski leads weekly bird walks along trails in Renfrew Park. Walks begin at the lower parking lot off Welty Road. Free.

Joint Program with Antietam Watershed Association Thurs. in April,

TBA • Visitors Center, Renfrew Park

An educational program of local or regional environmental interest. Free.

Kite Fly Sat., April 14 • 10 a.m.–4 p.m. Field behind Museum house
Free kite flying with expert help from Kite Masters Sam and George Adams. Bring your own kite. Build a Kite workshop 11:00 a.m.–12:30, \$1.

Earth Celebration Day/Festival of Art/Recycle Yard Sale

Sat., April 28 • 9 a.m.–3 p.m. Yard Sale, 11 a.m.–4 p.m. Earth Day

Renfrew Park grounds

Environmental exhibits, live music, food stand, and drum circle. Area artists will display, demonstrate, and sell their works. Shop or sell at yard sale!

Geology Field Trip: Stomping Through Time Sat., May 5

8:30 a.m. to 6 p.m. Meet at Visitors Center, Renfrew Park

Geologist Jeri Jones takes us “Stomping Through Time: The Great Valley and South Mountain.” Visit Specialty Granules (the “grit” mill) in Blue Ridge Summit, a prehistoric quarry, and other local sites. More details TBA. Adults only, age 15 and up. Transportation by bus only, provided. Pre-registration required. Fee: \$50. Renfrew Institute member discount: \$5 per seat. Bring bag lunch.

Public Forum: Tiny Creatures—Big Trouble Thurs., May 17

7 p.m. • Visitors Center, Renfrew Park

Experts discuss ticks and the many problems they cause. Landscaping solutions and tips for staying tick free provided. Organized by Institute intern & Penn State University senior, Ben Bender. Free.

Youth Festival Sunday, May 27 • 1–5 p.m. • Renfrew Park Grounds

This fun, free event features a variety of workshops, demonstrations, activities, exhibits, and entertainment throughout the day. Theme TBA.

Birding Field Trips to Gettysburg Battlefield Sat., June 2 & 9

7:30 a.m. to approx. 10 a.m. Meet 7:30 a.m. at the Virginia Memorial

on Confederate Avenue, on Gettysburg battlefield

Led by naturalist Jack Olszewski. RSVP appreciated. For more information or directions, call Jack at 301-241-3846, or RI at 717-762-0373. Free.

Summer Institute June & July, dates and details TBA

A variety of fun, educational activities for kids throughout the summer.

Shakespeare in Park Sat., June 16 • Time TBA

Renfrew Museum Back Yard

MEG (Maryland Entertainment Group) touring production of Hamlet. Free.

Bay Supper Fundraiser Friday, June 22 • 5:30 p.m. • Waynesboro Country Club

Members, friends, and families come together to support the institute with food, fun, and frolic. Bay-themed menu with steamed blue crabs and Bay-related activities. Silent and live auctions. Reservations required.

Salamander Scramble Wed., July 4 • 8 a.m. • Waynesboro Summer Jubilee

Held in conjunction with Fourth of July Jubilee Firecracker 5K Run. Lace up your running/walking shoes and join Team Salamander as we “scramble” around Waynesboro to raise funds for Renfrew Institute.

Jazz Festival Sunday, August 26 • 2–4 p.m. • Renfrew Museum Yard

Annual jazz festival spotlights top professional artists with stellar performances that light up the outdoor stage with hot summer jazz. Details TBA.

Pumpkin Festival Sat., Oct. 20 • 11 a.m.–4 p.m. • Renfrew Park

Exciting pumpkin-chuckin' trebuchet, pumpkin carving, hayrides, live music, activities and fun games. Fundraising event benefits both Renfrew Institute & Renfrew Museum and Park. Admission fee.

Halloween Stories Wed., Oct. 24 • 6:30–8 p.m. Visitors Center, Renfrew Park

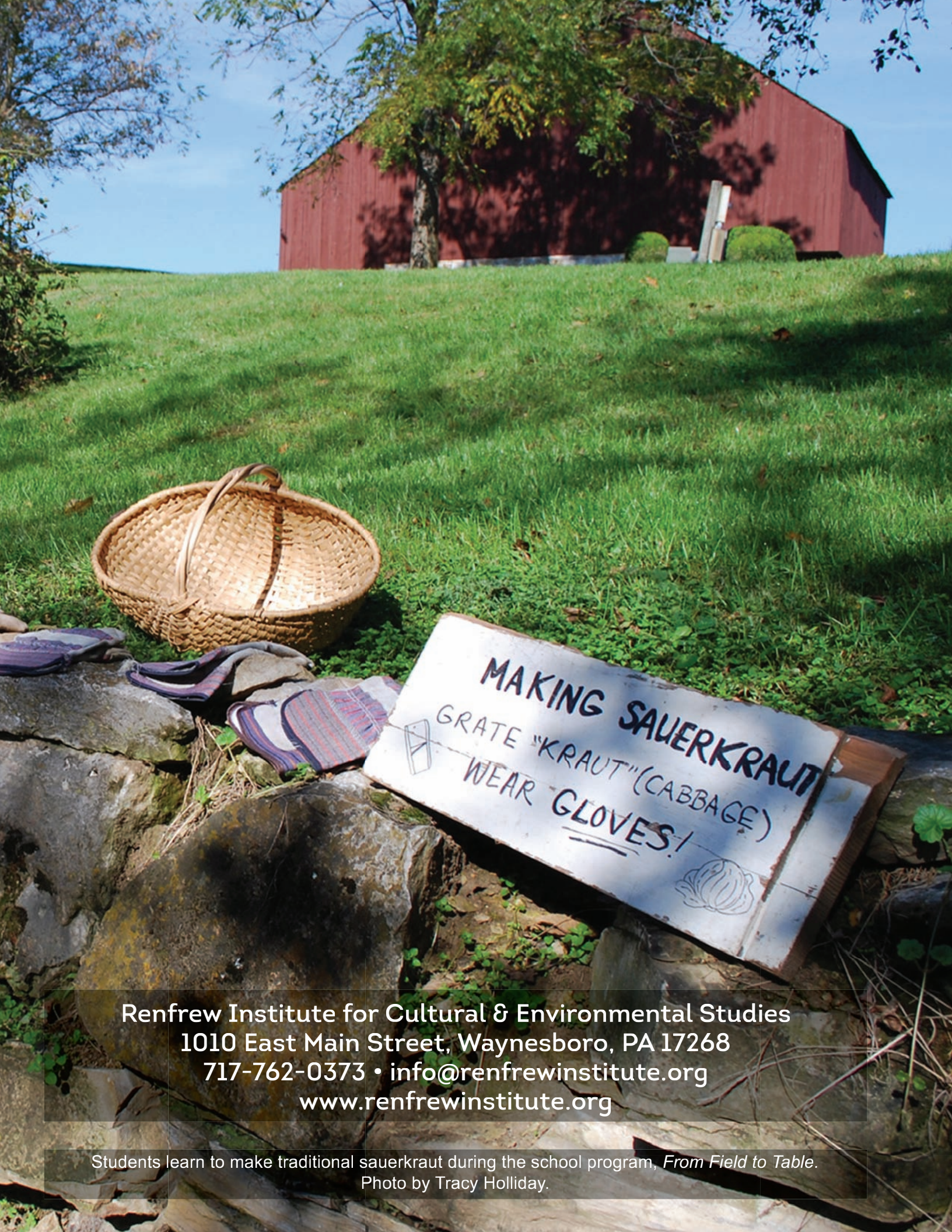
Annual evening of spooky tales featuring a local storyteller. Free.

*Check our online calendar at
www.renfrewinstitute.org for details on
these & other great programs and events!*



School programs are at the heart of Renfrew Institute. Children come to learn about the cultural heritage of Pennsylvania Germans—making butter, shredding kraut, weaving flax, and much more—and also about the role each of them plays in our natural world, experiencing the many wonders of the earth in our environmental programs.





Renfrew Institute for Cultural & Environmental Studies
1010 East Main Street, Waynesboro, PA 17268
717-762-0373 • info@renfrewinstitute.org
www.renfrewinstitute.org

Students learn to make traditional sauerkraut during the school program, *From Field to Table*.
Photo by Tracy Holliday.