

Streamside

Newsletter of the Renfrew Institute

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 programs happening now! See insert.

Fall/Winter 2011/12 Issue:

Endowment Fund News	3
Cultural Currents	5
New Sponsors	7
Members and Sponsors	8
Salamander Scramble	12
Organization and Volunteers	16
Intern Reports	17-19
Sponsor Spotlights	22
Calendar of Events	30

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Thirty-six...

It was about this time four years ago (*Streamside* Vol. 18, #2, March 2008) when I announced, with some fanfare, that we had reached twenty-four pages for this newsletter. That milestone was testimony that Renfrew Institute was one busy organization. Well, that hasn’t changed!

When we ‘office gnomes’ were putting together the issue you now have in your hands, we realized that not only is the institute busy, but this issue is hitting a whopping thirty-six (36) pages! We acknowledge that one reason for this is the two-month delay in getting it to you (so there’s more news to report).

But as you will see on the pages inside, there are huge numbers of people involved in the life of Renfrew Institute, many expressions of thanks to be delivered, and lots of exciting activities deserving ink.

Though there are some great pieces we couldn’t squeeze in this time, we will use those to jump right into the next issue. You will receive it before summer, and we will be back on our bi-annual publication schedule (Fall/Winter and Spring/Summer).

A note to those of you (like board member, Tim Parry) who may ask, “Have you thought about offering *Streamside* electronically?” Yes, we are exploring that option. Please let us know if you’d prefer it that way. The trick is maintaining a current email list—we will have to depend on you for that.

Many of you would rather have the pages physically in your hands. I know, snuggled into your favorite chair with the mug of coffee, tea or cocoa and the texture of these pages tickling your fingers. My preference too. So we will continue to postal mail to those who prefer that to an electronic version, should we adopt that option.

For now, we hope you will sit back and enjoy reading our stories. And to the hundreds of you who are mentioned inside, THANK YOU SO MUCH...for your support, your time, and your care for Renfrew Institute. We are here for you, your families and the community. We are here because you believe in our work.

Melodie Anderson-Smith

On Going Paperless...

As the modern world transitions to a more paperless society, the Environmental Paper Network’s 2011 State of the Paper Industry report contains an encouraging statistic: The annual volume of paper trashed in U.S. landfills decreased by 16 million tons from 2005 to 2009, a reduction equal to a line of trash barges almost 400 miles long.

That’s great news, though a more sobering statistic reminds us that an amount of paper trash equal to a line of barges 640 miles long is still being trashed. In fact, only about 50 percent of paper used in American office buildings is currently recovered for recycling, according to PaperRecycles.org.

Robert 'Bob' Morrow Receives Environmental Artistry Award



Bob Morrow displays the 2011 Environmental Artistry Award he received during Earth Celebration Day in April.

Robert (Bob) Morrow was honored as the recipient of Renfrew Institute's 2011 Environmental Artistry Award during Earth Celebration Day & Festival of Art on Saturday, April 30, 2011. Bob's long time friend and art colleague, Becky Dietrich presented the award and gave a beautiful tribute to Bob for his lifelong career in the arts.

Bob is well known in the Waynesboro area and beyond for his oil paintings of rustic buildings, seascapes and animals, as well as finely detailed pen and ink drawings of historic buildings and places.

Bob received training at the Art Institute of Pittsburgh from 1946 to 1947. After returning to Waynesboro from western Pennsylvania, Bob began a decades-long career in our area. He worked in industrial art and photography at Landis Tool Co., operated the Robert Morrow Photography Studio in his home (with wife, Connie) and also worked for Grove Worldwide, setting up a photography department for the company. Since retirement from Grove in 1989 he has continued to paint full time.

Bob's paintings and ink drawings of the Royer house and farmstead buildings at Renfrew Park are available for sale in the Visitor Center gift shop. They include note card sets as well as framed masterpieces. Bob recently published a book *The Black and White Art of Robert Morrow*, also available in Renfrew's gift shop.

Renfrew Institute joins the community in honoring and thanking Bob for his tremendous contribution to the promotion of the arts in our area.

Congratulations Bob!



Get Ready For the

7th Annual

"Recycle/Reuse"

Earth Day Yard Sale

SATURDAY, APRIL 28 • 9 AM-3 PM

Mark your calendars for the 7th Annual Earth Day Recycle/Reuse Yard Sale on Saturday, April 28.

Rent a space for yourself, your family or your organization. Spread the word to help the Institute raise funds through space rentals and don't forget to come to the sale to find great bargains!

Spaces are available for \$15 each, double spaces for \$25 and triple spaces for \$30.

Each space accommodates an 8-ft. table or two card tables.

**FOR MORE
INFO—CALL US
AT 762-0373!**

**BAKED GOODS
& BEVERAGES**

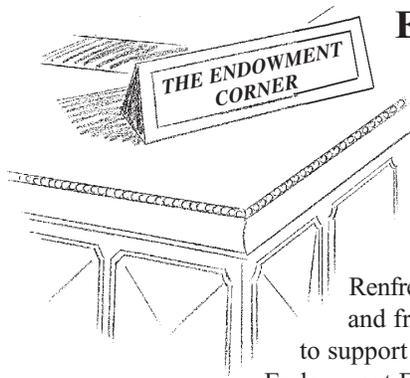
**HAVE LUNCH IN
THE PARK!**

**YUMMY
FOOD
ITEMS
FOR SALE**

**JOIN US FOR THIS
FUN EVENT!**



During her fall 2011 internship with Renfrew Institute, Jessica Beishline, a senior geography major at Shippensburg University, toured the newly upgraded sewage treatment plant for the borough of Mont Alto. Plant manager, Larson Wenger explained new features that insure improved treatment of waste water before it is discharged into the West Branch Antietam Creek. Much of the operation is computerized using state-of-the-art technology. Photo by Melodie Anderson-Smith.



Endowment Corner—

ENDOWMENT FUND UPDATE

Renfrew Institute's members and friends have continued to support the growth of our Endowment Fund. The value of the fund as of January 11, 2012 was \$145,144.

Institute members received a December mailing announcing our annual supplemental giving campaign for the Endowment Fund. If you have not already done so, we hope you will be able to help grow the fund by contributing as generously as you can. Your gift will help secure the future of our organization.

Contributions are welcome year round. Please make your check payable to Renfrew Institute (memo "endowment") and send to: Renfrew Institute, 1010 E. Main St., Waynesboro, PA 17268.

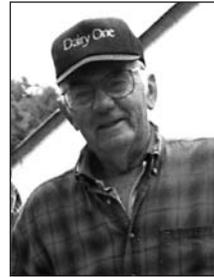
For more information, please call our office at 717-762-0373 or email us at renfrewinst@innernet.net.

Our sincere thanks to the following who made donations since the last *Streamside* listing:

Anderson-Smith Family
 Mike & Denise Beck
 Leonora Rocca Bernheisel
 Martha & George Buckey
 Max & Nancy Creager
 Greg & Debi Duffey
 Paul Dunlap, Jr. & Barbara Dunlap
 Barbara H. Gaydick
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 Tracy Holliday & Kevin Ledden
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 Carol Young~Mountain Valley Real Estate
 Tim Parry
 Betsy Payette
 James & Barbara Rock
 Mary Rocks
 Mary Ellen Selvaggio & Patric Schlee
 Eunice Statler
 WACCO Properties, Inc.
 Angela Grove Weagly
 Sarah K. Zimmerman

George Buckey Retires from Endowment Trustees

M. James Rock Appointed by RI Board



George Buckey

Sincere appreciation is expressed to George P. Buckey upon his retirement from Renfrew Institute's Endowment Board of Trustees.

George was a founding trustee, along with the late John L. Grove and the late Thomas J. MacBride, when the fund was legally established in September of 1998, under the leadership of then RI president, Lynn Y. MacBride.

The three trustees comprise a body separate from the institute's board of directors and have authority over the management of the organization's endowment fund. They are appointed by and report regularly to the RI board.

George has served as chairman of the trustees since the beginning and has shown steadfast commitment to the care and growth of the fund over the years. An initial deposit of \$2,000 was made by the RI board from the general operating budget to get the fund started in the spring of 1999. A few months later the board added another \$1,000 and a CD was chosen to hold and grow the fund balance.

Since then, annual donations from RI members and friends, and several bequests along with carefully researched and selected investments, have allowed the fund to gain in principal and value.

Through good economic times and bad, the fund has been in good hands. George's leadership and dedication has never faltered and his sense of humor has been dependable as well. Remaining vigilant yet cheerful was a challenge during the tough financial markets of recent years.

Though the fund is still small, as endowments go, the hope is to eventually use some of the investment income to support the educational programs and activities within the institute's annual operating budget.

We are pleased to announce that M. James Rock, former president of the RI board, was appointed on November 21, 2011 to fill George Buckey's seat. He will be joining current trustees Lynn MacBride and Christopher Richwine. We thank Jim for agreeing to serve in this important role. A new chair will be chosen by the trustees at their next meeting in 2012.

To George Buckey, we say *THANK YOU* for your expertise, your time and your care for the well-being of Renfrew Institute through the growth of its foundation for the future. We wish you all the best as you enjoy some extra time to launch other projects and relax some too. Salute!

Melodie Anderson-Smith

Thank You, Departing Board Members

Renfrew Institute has been well served by four special people who stepped down from the board of directors at the end of our fiscal year, June 30, 2011.

Each will receive the belated honor of induction into the institute's traditional *Order of the Wooden Cookie*, with a handshake and presentation of an individually designed wooden cookie necklace, adorned with unique moniker and decorations depicting years of service and notable activities of involvement. And the honorees are...

Pat Heefner— Pat has been dubbed “Queen of the Crabbies” for her long service as chair of the annual Bay Supper fund-raiser. Pat led that event from 2004 (including two years as co-chair with Susie Murphy) until January 2010 when she handed the lead to Allie Kohler.

She stayed on the committee and continued as registration chair, also maintaining the Bay Supper website, which she created about five years ago. Pat is a master communicator, emailer extraordinaire, balloon purchaser and has continued to be a driving force with the Bay Supper.

Pat served six years on the institute's board, and during that tenure served on numerous committees including Adult/Teen Education (co-chair and chair), Youth Education, Technology and Membership. She also helped in the office on a regular basis until her election to the local school board. Despite the great amount of time and energy devoted to school board duties, Pat still found time to help RI. Her dedication to community service is inspiring to us all.

Now that Pat is no longer on the school board we look forward to beckoning her back to the office on a more regular basis. She will also continue to chair the Adult/Teen Education Committee and to coordinate the reservations process for the Bay Supper.

She and her husband, Jay have helped out at other RI events too. They staffed the “comfort tent” at the Salamander Scramble 5K race on July 4th, and helped at many Pumpkin Fests, Earth Days, Youth Fests and Jazz Fests. We thank Pat for her long and steadfast support in so many ways.

Denny Koons— Denny, who served as the institute's vice president from July 1, 2009 to January 1, 2011, stepped up to the office of president when the institute most needed him. Upon the departure of President John Schall (due to a job relocation a year ago), Denny agreed to step in, filling the role of the president from January through June 2011. Denny also served on the following committees: Development, Membership and the Recycle/Reuse Yard Sale fund-raiser. Denny showed up to help whenever he could, answering the all-calls to stuff and

sort bulk mailings, set up canopies for a weekend event, park cars or clean up.

Denny's moniker, “Most Benevolent Leader... Speaks Softly & Carries a Big (lemonade stirring) Stick” speaks of his impressive leadership skill and ability to improvise creatively as he accomplished his charges. The “stick” is a self-fashioned stirrer that Denny used in discharging his duties as chief lemonade stirrer for Jazz Fest refreshments.

Denny has a quiet leadership style that effectively gets the job done! He has shown great care for the institute, and was a major facilitator bringing the institute together with Renfrew Museum for a joint meeting of the boards and admin staffs. The meeting was very successful. Thank you Denny, for spearheading this effort.

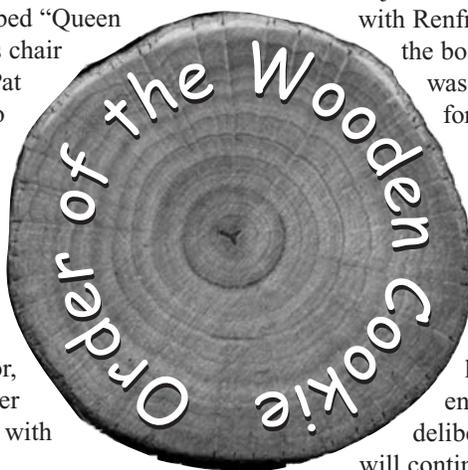
Now that Denny is no longer on the board, he is able to serve as a financial consultant for the institute through his position with Raymond James Financial Services, Inc., Hagerstown, Md. His astute knowledge of investments has already been helpful to the endowment trustees in their recent deliberations. We are happy that Denny will continue to be involved with the institute and we thank him for his tireless support.

Richard “Red” Mohn— Also known as “Canopy Man,” Red has distinguished himself as a master of canopy hoisting (and felling) during numerous outdoor events. He shows up for set-up, often stays to help with the event and then helps take it all down too. His input during wrap-up meetings is always valuable, since his experience with all of these events goes back several years.

Red has been extremely helpful with the four-square garden relocation project and with any facility needs that the RI staff have presented to him. Since Red serves on the museum's boards and committees, he has been an effective liaison between the museum and institute. He served well as chair of RI's Facilities Committee and though a current board member (Wayne Martz) has taken over the chairmanship, Red has agreed to remain on the committee. He will also continue to help with the Bay Supper and Pumpkin Fest.

Red also served on the Community Events and Bay Supper committees. When it was discovered that Red had signed on for three RI fund-raising event committees, when only one was required, his reply was, “That's ok. I enjoy it.” He really does!

Red will tell you that his heart is with Renfrew— first and foremost, Renfrew Museum and Park. His keen interest in history and antiques makes him a perfect match for that service and he is currently a member of the museum's management committee (REC or Renfrew Executive Committee).



(continued on page 11)

Cultural Currents

with Sherry Hesse

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

The Covered Bridge: An American Icon

On a recent Christmas visit with family in Virginia, I visited Meems Bottom Covered bridge in Mt. Jackson, Va. Covered bridges such as this one remind me of days gone by and conjure images of a slower, gentler time.

Today's fast-paced highways stand in stark contrast to the small wooden bridges of the past. And yet, these bridges were busy, often noisy, places of commerce. According to renowned author and painter, Eric Sloane, covered bridges "mark the difference between the day of the horse and buggy and the automobile."

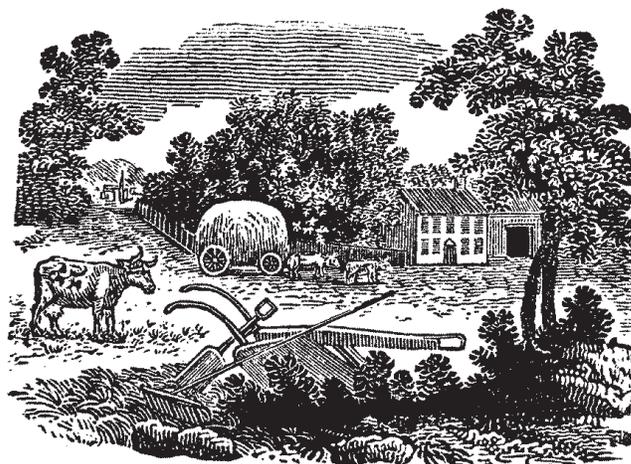
Many American covered bridges were built in the 19th century. Our young and expanding country had a poor transportation system, and bridges were built to accommodate the needs of the growing republic. Covered bridges were often built near the sites of commercial enterprises, such as grist and saw mills.

If government money was unavailable, local businessmen funded the bridges privately. Many were toll bridges, which provided income for ongoing maintenance. Most covered bridges were made of wood, which was plentiful. Some later covered bridges, especially railroad bridges, incorporated iron rods in their design.

Early bridges were open (uncovered), but covered bridges gained popularity around 1800 for several reasons. The barn-like covering kept water out of the joints, as well as keeping the floor dry. Bridge floors were often oiled to help preserve the wood, but they became slippery in wet weather. Conversely, a roof prevented the joints from drying out in hot weather.

A covered bridge kept farm animals from becoming skittish while walking over the span. Finally, the cover was part of the structure of the bridge, and added to the strength.

Keeping snow off the road was *not* a good reason



to cover a bridge. Most people traveled by sleds in winter, and the toll keeper often had to move snow *onto* the bridge to allow passage.

The first American covered bridge design was patented by Charles W. Peale in 1797. (Peale is the artist who painted the famous portrait of George Washington.) His bridge, which was to be built over the Schuylkill

River, was never constructed. Another bridge was built later on the proposed site.

The father of the American covered bridge was Theodore Burr. He patented his arch truss in 1804. Burr built many of his bridges in New York, New Jersey and Pennsylvania. Burr's truss provided good support for spans of 100 feet or more. The longest and most famous covered bridge in America was the Port Deposit Bridge over the Susquehanna River in Cecil County, Md., built by Burr in 1817-18.

Most covered bridges were built by local craftsmen, who used the designs of bridge engineers like Burr, Wernway and Town. Many smaller bridge trusses were similar to barn trusses, so local builders were familiar with them.

In an attempt to bring beauty into the utilitarian structures, bridge designs reflected ancient

principles. Many wooden bridge trusses were based on Andrea Palladio's design. Palladio was a Venetian architect who lived in the 1500s, but the legacy of his work lived on. The Palladio principles, which included things like proportion and symmetry, were popular in early America and were reflected in wooden bridges as well as in buildings.



Meems Bottom Covered Bridge in Mt. Jackson, Va. Built 1892-93 with a span of 200 feet, the bridge is supported by a Burr Arch and crosses the North Fork of the Shenandoah River. Meems Bottom is the longest remaining covered bridge in Virginia and the only covered bridge in the state that is open to vehicles. Photo by John Walrath.

(continued on page 10)

2011 Bay Supper Raises More Than \$13,000!

The 14th Annual Chesapeake Bay Supper fundraiser, held on June 24, 2011 at the Waynesboro Country Club, was attended by 169 hungry people who dined on steamed hard shell crabs, clams and other goodies.

We were thrilled to see our 'regulars' and delighted to see some new faces in the crowd. We had lots of fun with the affordable game of 'heads' and 'tails' as well as a great variety of items donated for silent and oral auctions. We hope to see more new faces this year, so ask your friends to join you there for fun and great food.

The dinner and auctions netted \$13,060 and the event remains the top fundraiser for the Institute. We again were blessed with a lead sponsorship from **West Penn Power**, and a Good Neighbor Grant from **State Farm Insurance** won by **Joann Hersh**. **Steve Graham** generously donated little neck clams once again. Other sponsorships helped tremendously along with Today's Horizon donors (see lists below).

Thanks to all who attended the supper, and to all who contributed and donated their time to make this event very special. We are always looking for good individuals who wish to offer their time and assistance in the planning and production of the Bay Supper. If interested, please call the Institute at 762-0373. So, mark your calendars now for the next Bay Supper, scheduled for Friday, June 22, 2012.

~The Bay Supper Committee, Allie Kohler, Chair

Thank You to everyone who supported the supper:

LEAD SPONSOR

West Penn Power, a FirstEnergy Company

GRANT

Joann Hersh, State Farm Insurance Co. "Good Neighbor Grant"

PRINTED PROGRAM UNDERWRITER

Chet & Betsy Mauk

SPONSORS

Advanced Financial Security, Inc.

Denny's Garage

Foreman's Rare Coins

Noelker & Hull Associates

Savage Family Pharmacy, Inc.

Dr. & Mrs. Ronald Schultz

TODAY'S HORIZON FUND CONTRIBUTORS –

The Carolyn Terry Eddy Family: Carolyn,

with daughters Connie Fleagle & Kim Larkin;

PenMar Development Corp.; and Nora Roberts Foundation

PATRONS

Bonnie Bachtell

Clint & Amy Barksdell

Steve and Maxine Beck

Harold & Lori Blubaugh

George & Marty Buckey

Frank & Susan Conway

Greg & Debi Duffey

Barbara Gaydick

Steve Graham

Angela Grove-Weagly

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Krepps Dental Studio

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Wayne & Debbie Martz

Chet & Betsy Mauk

Ed & Ann Miller

Tim Parry

James & Barbara Rock

Dave & Tawnya Secor

Eunice Statler

John Stauffer

Bob & Linda Zimmerman

Caroline Dean & Kevin Benner

Patrick Minnick

& Anne Shepard

Thanks again to Steve Graham for providing the littleneck clams

SILENT AUCTION DONORS

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Shelly & Bob Benchoff

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LIVE AUCTION DONORS

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Bill Van Gilder

Waynesboro Country Club

HEADS/TAI LS DONORS

Annapolis Waterfront Marriott

Antietam Dairy

Tom Boock

Dairy Queen

Holly Inn Group, Inc.

Dave Zimmerman

Zoë's Chocolate Company

And...A huge **THANK YOU** to these planning committee members & their helpers:

Event Chair & Emcee: Allie Kohler

Auctions: Joann Hersh (Chair), Caroline Dean, Carol A. Henicle, Dick Hersh, Pat Radtke

Heads & Tails Game: Allie Kohler

Food & Arrangements: Jo Ann Kohler (Chair), Waynesboro Country Club– Executive Chef Colin Snyder, Roberta Harner & Staff

Invitations: Eunice Statler (Chair), Shirley Faith, Barbara Gaydick, Angela Grove-Weagly, Pat Heefner, Jo Ann Kohler, Linda Zimmerman, Janet Zook

Reservations: Pat Heefner (Chair), Debi Duffey, Linda Zimmerman

Set-up/Decorations: Debi Duffey, Matt Gunder, Jo Ann Kohler, Wayne Martz, Red Mohn, Eunice Statler, Linda Zimmerman

Window Dressing: from the Hersh & Kohler gardens

Balloon Helium Courtesy of John Ingels, Eichholtz Flowers, Waynesboro

WASH All-School Production (2007) "Seussical" Fish created by Sue Kuhn & Angie Minnick



Special Thanks to auctioneer, Jerry Scruggs, for donating his services for the live auction

Appreciation to Dave & Jane's Crab House, Fairfield, Pa., for procuring, preparing and delivering the crabs

Renfrew Institute is Pleased to Announce New Underwriting Support

Though the economic landscape continues to challenge the non-profit sector, we are privileged to announce new support from several area businesses and organizations.

The Carolyn Eddy Family—Today's Horizon Sponsor

Carolyn Eddy's granddaughters, Carly and Paige Fleagle, are Earthseekers! Although the girls are now years beyond their kindergarten days, seeds planted then are not forgotten...once an Earthseeker, always an Earthseeker! And while they represent the youngest generation of the Eddy family touched by the institute, a conversation with Carolyn reveals an octogenarian's memories of the place we call Renfrew, and much of the history interpreted there.

Carolyn's residency in the Waynesboro community spans decades, during which time she learned the stories of the region and its early inhabitants. She recalled to me memories of visiting Renfrew's benefactress, Emma Nicodemus in her home, and gaining early glimpses of the property prior to Emma's bequest to the community. Carolyn recognizes the importance of preserving these memories for future generations, through the institute's school program series that interprets the natural and cultural history of this place we call Renfrew.

This effort begins with our very youngest visitors, who participate in *Once Upon a Farm*, *EarthSeekers* and *Wake Up Earth*, experiences designed to awaken their curiosity about the region's history and the natural world in ways that make sense to five-year-olds. As they move through the curriculum, students learn to build connections through interrelated programs, concluding their seven-year journey with a rich understanding of the early Royer farmstead [now Renfrew Park].

They learn the story of how it came to be a facility for public enjoyment based on Emma Nicodemus's vision. In addition, they gain a sophisticated understanding of the early inhabitants' reliance on the natural world, and recognize the importance of a contemporary working knowledge of the science that surrounds us all in nature.

Their capstone studies in the wetlands lead them to employ field microscopes as they investigate macro invertebrates, pH meters and thermometers as they assess wetland and dry meadow soils, and well-honed observation skills, sharpened throughout the 7-year program series as nature's cycles are revealed in age appropriate increments.

Carolyn Eddy and daughters, Connie Fleagle and Kim Larkin, have made a monumental decision to support the work of Renfrew Institute with a lump sum gift to the institute's Today's Horizon Fund. Their major gift has provided funds to help underwrite operations over a five-

year period. Their desire to make a difference in the community as lead benefactors came with a request that there be no public fanfare, their preference instead to quietly observe these good works as the institute's activities prosper and grow.

Carolyn, Connie and Kim stated their shared gratification in providing this gift. "It is indeed a pleasure to support and contribute to the continued success of the Renfrew Institute's educational programs and their historical value to the community."

While we may observe this gesture without fanfare, we cannot fail to recognize its significance as one of major importance. In conducting educational activities for students and families of the region, the institute must be certain its work is done in a way that ensures easy access to all community members. It is by design, then, that the organization strives to provide programming that is either free to participants—such as community events and many educational activities—or available

with a modest fee, as is the case with the school program series.

Undesignated dollars provided through the Today's Horizon Fund allow our discretion as to whether they are used to seed a new project/program, provide for staffing or technology needs or bolster an existing activity for which financial support has lapsed.

We are deeply grateful for the Eddy Family's care for the organization's work, and for Connie's husband Jim's aide in arranging the details. We salute, quietly, their extraordinarily generous commitment to Renfrew Institute's mission.

APX Enclosures, Inc.—Today's Horizon Sponsor

Andy Papoutsis is devoted to his hometown. Aside from time spent attending college, serving in the military, and working overseas, Andy has called Waynesboro home. His family ran the Texas Lunch restaurant in Waynesboro for many years. It's nearly impossible to speak to anyone living in the town during that time who couldn't describe Andy with 12 growlers (hot dogs) lined up on one arm, while applying mustard, onions and chili with the other hand.

Friends also describe Andy's penchant for attention to detail, which has helped to make him an especially successful businessman. Andy has built a professional reputation as someone who can manage details while seeing the big picture, all the while producing successful results. He's occupied a number of strategic corporate positions and has recently undertaken the role of entrepreneur, as president of **APX Enclosures, Inc.**, and several related enterprises in the region.

(continued on page 14)

gifts

NEW Sponsorships

by Tracy Holliday, *Grants Administrator*

Renfrew Institute Members & Sponsors

Includes 2010–11 members and new/renewed for 2011–12 * = Honorarium—for donation of special time, talent and/or materials.

Today's Horizon

(\$3,000 or more, multi-yr.)

APX Enclosures, Inc.
Carolyn Terry Eddy Family
Nora Roberts Foundation
PenMar Development Corp.

Heritage Society

(\$1,000 or more)

Anonymous Donor
Anonymous Donor
Anonymous 'Green the Event'
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Beck Manufacturing, Inc.
Leonora Rocca Bernheisel
Mr. & Mrs. George P. Buckey
Cinetic Landis Grinding Corp.
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Inc.
Corporate Office Properties
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Greg & Debi Duffey
F&M Trust Company
GRC General Contractors, Inc.*
Nancy Erlanson & Don Gibe
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Martz Plumbing, Heating & AC
PA Partners in the Arts
Rotary Club of Waynesboro
State Farm Insurance
Susquehanna Bank
TruCut Lawn & Landscape
Walmart Foundation
Waste Management
West Penn Power
Angela Grove Weagly

Preservation Society

(\$500 to \$999)

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Bea Bocalandro
Bonded Applicators, Inc.
Drs. May Cao & Stephen Bui
Center Square Settlement
Services
Franklin Co. Visitors Bureau
Steve Graham
Grove-Bowersox Funeral
Home, Inc.
Jay & Pat Heefner
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Mercedes Benz of Hagerstown
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Lucinda D. Potter, CPA
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Eunice Statler
Tower Bank
Quang & Tammie Tran
Mr. & Mrs. Charles Warner
Waynesboro Area Education
Association (WAEA)
Waynesboro Lions Club
Margaret Ann Young

Conservation Society

(\$250 to \$499)

Anonymous Donor
Marie & Ed Beck
Michael & Denise Beck &
Family
Stephen & Maxine Beck
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(continued on page 9)

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(continued on pg. 32)

Covered Bridges *continued from page 5*

Several structural styles were available, chosen for reasons such as the length of the span. The kingpost and queenpost trusses were suitable for smaller spans. The multiple kingpost truss was patented in 1800. The Town truss, a lattice design, was patented in 1820. The first Burr truss was built in 1804, with the patent following in 1817. Other designs included the Long truss (1830) and the Warren truss. The Howe truss (circa 1840) incorporated railroad engineering and used iron rods.

The structure of the bridge was the most important feature, but the portals created the unique image that we have of what a covered bridge looks like. As with other architecture, styles varied according to region. Those farther north had steeper roofs. There were also saltbox styles, barn portals, as well as a simple overhung facade typical of southern bridges.



Green Sergeant's Bridge near Flemington, New Jersey as depicted by artist/author, Eric Sloane in 1925. The bridge was built in 1866 and spans 84 feet over the Wickecheoke Creek. Sometimes called the Sergeantsville Bridge after the nearby town, it remains open to vehicles.

Bridge Names Reflect Local History

Most covered bridges were named. Though sometimes named for a nearby town or the waterway they spanned, bridge names were often inspired by local personalities or anecdotes. Colorful examples abound, adding to the nostalgia we feel for the structures today. Old Meaney's Bridge was named for the mean toll collector who chased children. Old Maid Parker's Bridge was named after a property owner who lived near one end of the bridge.

Other examples include Papering Board Bridge, so named after the discovery that boards were being stolen from the bridge and used for wall-papering boards. Wizard Oil Bridge was named after the advertisement painted on the side of the bridge. Panther Bridge was named for the circus panther that got loose in the bridge—for years, travelers hurried through that bridge!

Like the Wizard Oil Bridge, covered bridges were often painted with advertisements and religious messages. Sometimes painters were granted free passage in return for their work. Paper ads were also posted, advertising

shows such as traveling minstrels and circuses. The circus parade was a big event. Various tolls were charges for different animals, and the elephants were sometimes required to cross the bridge one at a time, due to weight concerns.

We often think of covered bridges being dark and lonely at night, but many were lit by oil lamps. The bridges were popular gathering places, especially for groups that were not sanctioned by the church. The structure provided cover from the weather, as well as privacy, for meetings of soldiers in wartime and vigilantes in peacetime.

Stories of covered bridges abound. Eric Sloane tells of a school bus in Ontario some years ago that crossed a covered bridge on its route. The bus stopped at one end of the bridge and unloaded the students. Due to the weight limit of the bridge, the bus driver drove the empty bus to the other side. The children walked across the bridge and boarded the bus again on the other side.

Although we often think of picturesque New England covered bridges, Pennsylvania leads the nation in the number of covered bridges. There are several covered bridges in our region. They have been preserved and stand as reminders of a past era. If you would like to visit them, please note the websites listed below. Three that I visited are Martin's Mill Bridge, Jack's Mountain Bridge and Roddy Creek Covered Bridge.

Jack's Mountain Bridge in Adams County, Pa. crosses Toms Creek. Built in 1890, it is officially named the G. Donald McLaughlin Memorial Covered Bridge, after the man who was instrumental in its preservation. The bridge features a Burr truss and is 75 feet long. It is open to vehicular traffic.

Martin's Mill Bridge, named for a nearby mill, is near Greencastle. It was built in 1849. The lattice truss style is 205 feet long, and crosses the Conococheague Creek in Franklin



The lattice truss used in Martin's Mill Bridge near Greencastle, Pa. Photo by Jodi Christman.

County, Pa. The bridge is the second longest in Pennsylvania, and is open to foot traffic only. [See sidebar on next page]

The smallest covered bridge in Maryland, with a span of just 40 feet, is the Roddy Creek Covered Bridge in Frederick County. It is a single kingpost truss, built in approximately 1856, and crosses Owen's Creek. It is open to vehicular traffic.

References:

Sloane, Eric. *American Barns and Covered Bridges*. Wilfred Funk, Inc. 1954.

Sloane, Eric. *I Remember America*. Gallery Books. 1987.

www.mdcoveredbridges.com

www.pacoveredbridges.com

www.tdot.state.tn.us/bridges/historybridges.html

www.waynesborodaycarecenter/martinsmill.html

www.virginia.dot.org



Martin's Mill Bridge near Greencastle, Pa. is a surviving example of lattice truss construction. The bridge is closed to traffic but open to visitors on foot. Photo by Jodi Christman.

Martin's Mill Covered Bridge Local Survivor

Martin's Mill Covered Bridge was built in 1849, constructed in the Town Lattice Truss style, a design patented by Ithiel Town, a Connecticut architect.

The 205-foot span is the second-longest covered bridge in Pennsylvania. The lattice truss design uses no arches or exterior supports and was less costly to build than traditional arch-supported bridges.

The bridge crosses the east branch of the Conococheague Creek about 3.5 miles southwest of Greencastle, Pa., and is one of only two covered bridges remaining in Franklin County.

The historic bridge, which is listed on the National Register of Historic Places, retains about two-thirds of its original timbers in spite of three near-destructions. In 1958, the bridge was condemned by the county to be abandoned and destroyed; in 1972 it was carried downstream by flood waters during Hurricane Agnes; and in the fall of 1991 it had fallen into disrepair and nearly collapsed.

In each instance, the Martin's Mill Covered Bridge Association—founded in 1961 to preserve the bridge for future generations—stepped in to prevent its loss. A three-year restoration completed in 1995 restored the bridge to near-original condition.

In December 2003 the Martin's Mill Bridge Association disbanded and the bridge was turned over to Antrim Township. The bridge is open to foot traffic and may be visited.

The site includes a public park with pavillion, picnic area and restroom facilities. The grounds are open from 8:00 a.m. until sunset.

References:

<http://www.greencastlepachamber.org/history.html>
<http://www.twp.antrim.pa.us/?show=article&id=70&sid=58>

Departing Board Members

(continued from pg. 2)

But at Renfrew Institute we thank him for his willingness to serve both the museum and the institute during the past six years. That's a lot of "Renfrew" hours, but we expect to see Red around for many more—we certainly would like to keep him on the Canopy Crew!

Bob Correll— Although he has helped the institute in a variety of ways, Bob Correll will always be associated with the institute's now well-established Salamander Scramble 5K Fundraiser Run/Walk/Scramble.

As a member of the Development Committee charged with identifying an income stream to remedy a budget shortfall, Bob partnered with institute staff member Tracy Holliday to craft a plan for an event that piggy-backed onto Waynesboro's Summer Jubilee Firecracker 5K.

The resulting effort not only met the institute's budget needs, but also laid the groundwork for what would eventually become CFAR (Community, Fitness, Fun, Friends and Running) a non-profit organization for local running enthusiasts that now boasts more than 100 members.

The Salamander Scramble blossomed under Bob's leadership and cheerleading as he recruited friends and family members from throughout the community. The happy outcome of his effort was the growth of Team Salamander from a charter team of 15 members raising nearly \$3,000 to a 2011 team of 69 members who raised nearly \$6,000 in support of institute activities!

Bob began board service in 2006, serving in various intervals on the institute's Finance, Development and Facilities Committees. For many years, he completed an annual assignment as signatory to a large stack of letters during the institute's member renewal campaign.

Bob was often seen, garbed in a neon vest, directing parking at outdoor events. His annual delivery of bagged ice for intermission refreshments preceded his attendance as an enthusiastic listener, kicked back to enjoy some cool jazz on a hot August day.

For all he contributed, and for his substantial legacy in the form of the Salamander Scramble, we bid farewell to Bob, and declare that he was born A Scramblin' Man!

["So when it's time for leavin', I hope you'll understand, Bob was born a Scramblin' Man!"]

Go ahead...sing it out loud!



RENEWAL REMINDER:

Please check the back page of this newsletter. If you see a green Earth Stamp (like the one shown here), that means you have not yet renewed your membership for 2011–12. Please do...we need your support.

Thanks!





SALAMANDER SCRAMBLE

BREAKING NEWS!

A large gathering of a highly specialized form of amphibian was spotted in Waynesboro on July 4th, at the Firecracker 5K road race! Local experts identified the creatures as Salamanders!

SCIENTIFIC CLASSIFICATION

Kingdom: *Animalia*
Phylum: *Chordata*
Class: *Amphibia*

Subclass: *Lissamphibia*
Order: *Caudata*

According to references found on Wikipedia, *Salamander* is a common name of approximately 500 species of amphibians. They are typically characterized by a superficially lizard-like appearance (*Hmmmm...could be difficult to substantiate...I didn't observe any lizard-like appearances at the start line!*), with slender bodies, short noses, and long tails (*Okay, yes, many slender bodies were in view! But tails...well, no, none were observed...*). Most salamanders have four toes on their front legs and five on their rear legs. (*That must make them super fast runners!*) Their moist skin usually makes them reliant on habitats in or near water, often in a wetland. (*Ah yes, this one checks out! Many of these creatures have been observed running on the nature trails, with an appreciation for the beauty and special ecosystem of our own wetland at Renfrew!*)



Some salamander species are fully aquatic throughout life, some take to the water intermittently, and some are entirely terrestrial as adults. (*My informal survey of the group revealed that there were accomplished tri-athletes among them, who ambulate equally well on land and water! Others, admittedly, were solely terrestrial in their pursuits of athletic excellence. None in this group were observed to be solely aquatic.*)

Unique among vertebrates, salamanders are capable of regenerating lost limbs, as well as other body parts. (*This is undoubtedly a reference to runners' ability to recover from injured ankles, knees, hips, and even broken collarbones!*)

Salamanders range in size from minute, with a total length of 1.1 inch, including the tail (*Yep, I saw some pretty small ones, juveniles I think...*), to the Chinese

giant salamander, which reaches 5.9 feet and weighs up to 140 lbs. (*And the larger ones were there, too!*). Most, however, are between 3.9 and 7.9 inches in length. (*This was perhaps an unusually large species as I didn't observe any pocket-sized Scramblers! Maybe I missed 'em!*)

With scientific classification confirmed, this team of 69 Salamander Scramblers was highly visible among participants competing in the Waynesboro Jubilee Firecracker 5K! A group of 45 adults and 24 youth members gathered at team headquarters early on the morning of July 4, treated to pre- and post-race massages, cold drinks and bagels, while having gotten in touch with their namesake's legendary abilities to withstand fire, overcome adversity, and make balanced decisions.

Three participants, eager to be a part of the fun but unable to be present on race day, lined their five-toed feet up for independent events in far flung spots...Nancy Hall scrambled on the beautiful western shore of the Chesapeake Bay above Calvert Cliffs, Heather Monn ran in the African heat of



Tanzania (in a skirt!) and Bea Bocalandro scrambled in the South Pacific!

Each individual, at home and abroad, pledged to raise funds in support of Renfrew Institute's programs and activities. After the dust had settled, nearly

\$6,000 was raised for the cause!

Having begun with a 15-member team producing \$3,000 income in 2008, this demonstration of spirit and support continues to amaze and inspire us! Thanks to **Tru-Cut Lawn and Landscaping, Inc.**'s lead sponsorship and a special **anonymous "Green the Event" donation**, the cost of purchasing very cool performance shirts (sustainably produced in the US with technical fabric milled in the US from recycled soda bottles!) was covered before a cent was raised.

(continued on pg. 13)



In addition, a sponsorship from **Quang and Tammie Tran of Mes Reves Restaurant** helped underwrite “Team Comfort” goodies and prizes. In equal measure,

Drs. Stephen Bui, May Cao and Najiah Faour of Advanced Chiropractic, Foot and Ankle Care provided therapeutic massages on race day, along with hundreds of dollars worth of prizes for Salamander champions.

Other contributors included an **anonymous friend of Renfrew Institute, The Runner’s Sole** of Chambersburg, **River and Trail Outfitters, WACCO Properties, Inc.** and local running club with origins tied to the inaugural Scramble event, **CFAR** (Community, Fitness, Fun, Friends and Running). **Dick’s Sporting Goods** and **Fred Skroban** also donated prizes.

Team members enjoyed training together in the pre-race weeks, forming new bonds and levels of commitment for their sport and for the institute. John Kelley and Fred Skroban conducted “speed work” at the WASH track and kept folks well informed about opportunities to connect with other runners through CFAR, which now boasts 100 plus members! Among the greatest of rewards for participants is the satisfaction they experience, having contributed to the continuance of institute programs for youth and families in our community.

Race day on July 4 found individual team members lined up at the starting line with a variety of goals...some seeking PR’s (personal records) on the Firecracker 5K course, while others sought simply to amble the course in the good company of others with a shared commitment to Renfrew Institute.

The event has been modeled for inclusiveness, for everyone from walkers to elite athletes. As committee chair Bob Correll said, “Any and all are invited to *run, walk, scramble or sight see* as they complete the Summer Jubilee Firecracker course wearing the *Team Salamander* jersey.”

The elite did haul away their share of “hardware” from the event, and we’re really proud of the cachet they lent to Team Salamander!

Salamander Scramble committee members included Correll, Diane Wilson, Fred and Beth Skroban, John Kelley and Stephen Bui. Each brought special talents to planning and executing the event.

The *Salamander Scramble 5K Fundraiser*, perched on the final edge of our fiscal year, delivered a last infusion of funding support that permits the institute to fulfill its mission of education.

Tracy Holliday

See photo of Team Salamander 2011 on page 27



Several team members were recognized at the conclusion of the 5K. In addition to prizes awarded to category “winners,” *all Team Salamander members receive our hearty and enduring gratitude for their support of Renfrew Institute’s activities through their participation in the 4th Annual Salamander Scramble.*

ALL YOUTH PARTICIPANTS RECEIVED:

\$10 Dick’s Bucks—Dick’s Sporting Goods

FASTEST ADULT FINISHERS, MALE & FEMALE:

- **Dustin Sanders**—One hour therapeutic massage
- **Michelle Benshoff**—One hour therapeutic massage

FASTEST YOUTH FINISHERS, MALE & FEMALE:

- **Ethan Mankins**—\$20 Gift Card Dick’s Sporting Goods
- **Hanna Manning**—\$20 Gift Card Dick’s Sporting Goods

MOST FUNDS RAISED:

The Schlosser Family—exceeded threshold of \$150 by \$115 with a donation totaling \$265!

- **ADULT: Lori Schlosser**—1-hour therapeutic massage
- **YOUTH: Kurt & Sarah Schlosser**—2-hr. Shenandoah Tubing trip, donated by River & Trail Outfitters

SPIRIT AWARD:

- **Vicki Stinebaugh**—Awarded Nathan fuel belt

MOST FAMILY MEMBERS:

- **Shockey Family (Ashlyn, David, Vanessa, Alexis & Janelle)**—Awarded cases of freeze pops and fruit & nut snacks

YOUNGEST SALAMANDER 3-WAY TIE:

Awarded crazy flying discs

- **Kody Kelly**
- **Vanessa Shockey**
- **Jackie Correll**

ELDEST SALAMANDER:

- **Dr. Greg Lyon-Loftus**—Awarded case of Joint Juice

GRIT AWARD:

- **Stacey Beck**—Awarded Nathan fuel belt

Photos by Tracy Holliday



New Sponsorships *continued from pg. 7*

Always a hard worker, Andy is gratified that his efforts have yielded results that permit him to contribute to his hometown. To that end, Andy, and APX Enclosures, Inc., have adopted a role as a Today's Horizon Fund contributor. The fund is of paramount importance to Renfrew Institute's operational stability, providing undesignated dollars that the institute may direct to new program development, as well as ongoing operations.

Andy said, "It is with great pleasure, and with a genuine sense of appreciation for my life spent in the greater Waynesboro community, that I feel truly blessed with the ability to support an organization as worthy as the Renfrew Institute. My hope is that my support may allow the Institute to continue its valuable youth historical programs and fine presence in our community."

Established in January of 2001 under the name Tri-County Enclosures, Inc., APX Enclosures, Inc. began with just 12 employees focused specifically on the outdoor traffic enclosures market. In late 2003 Tri-County officially changed its name to APX Enclosures, Inc., and expanded into additional markets, including telecommunications, security, and public works. Today APX has tripled its workforce, has continued to expand its product line and services offered, and is recognized for its expertise and cutting edge products and business solutions.

As the institute strives to serve the community, we're deeply grateful for Andy's attention to detail, and for his care for his hometown, demonstrated through this important and significant contribution to Renfrew Institute through APX Enclosures, Inc.

West Penn Power—Chesapeake Bay Supper

West Penn Power energized the Chesapeake Bay Supper



FirstEnergy/West Penn Power Area Manager, Charles Jackson presents a Bay Supper lead sponsorship check to institute board members, Debi Duffey, left, and Caroline Dean. Photo by Tracy Holliday.

Fundraiser last June in a big way, with a new lead sponsorship. We were glad to welcome **West Penn Power** Area Manager, Charles Jackson and his wife, Susan in attendance, along with a crowd of nearly 200, feasting on the fruits of the sea while raising

important dollars in support of institute activities. Bay Supper planning committee members and the Waynesboro Country Club ensured that the menu included something for everyone, even those who shy away from crab cracking.

If the "new" name West Penn Power, the Franklin County iteration of FirstEnergy Inc.'s electric utility, sounds

familiar, here's why. Based in Greensburg, Pa., Allegheny Energy's predecessor company, the West Penn Electric Company, was incorporated in Maryland in 1925 with the consolidation of its three primary subsidiaries: West Penn Power Company, The Potomac Edison Power Company and Monongahela Power Company. In 1960, The West Penn Electric Company name was changed to Allegheny Power Systems, and in 1997, to Allegheny Energy.

Enter **FirstEnergy**...FirstEnergy's ten regulated distribution companies comprise the nation's largest investor-owned electric system, based on serving six million customers in the Midwest and Mid-Atlantic regions.

The merger of FirstEnergy and Allegheny Energy was completed in February 2011, creating the nation's largest investor-owned electric system based on the number of customers served. The business model has returned familiar names to local operations, with a focus on community relations, coupled with ample resources emanating from the strength provided by FirstEnergy's scale.

It's a partnership with resonance. FirstEnergy strives to protect the environment and remain good stewards of our natural resources. The company has made significant investments in support of environmental protection efforts (see their website for details: www.firstenergycorp.com).

Hamilton Nissan & Hamilton Hyundai—Jazz Fest

The **Hamilton Automotive Family** is jazzed about selling cars! They've been in the automobile sales and service business in the Tri-State area since opening their first dealership in Hagerstown, MD in 1961. In April 2006 Hamilton Hyundai began serving Chambersburg and surrounding areas.

The dealerships have grown rapidly by providing a great selection of new and used vehicles for sale, offering an array of financing options, and by providing customers with a team of factory and ASE trained technicians to maintain their automotive investment. Hamilton dealerships are well known for their "Easy Price" sales philosophy and exclusive "Dealership for Life" program.

Luckily, for tri-state music lovers, the Hamilton Automotive Family is also jazzed about
(continued on page 21)



Though flooding in Renfrew Park moved the 2011 Jazz Festival indoors, that didn't stop an appreciative crowd from enjoying the "Guitar Summit" concert. Here, guitarist Jack Wilkins, center, is flanked by Paul Bollenback, right and bass player, Joseph Lopore. Jazz Fest was sponsored in part this year by the Hamilton Automotive Family. Photo by Tracy Holliday.

Summer Institute 2011

The 'lazy, crazy days of summer' saw the park full of kids...all summer long.

Once again this year, from June through July, kids enjoyed "Summer Institute" programs taught by our institute faculty and invited artists and experts.

Summer Institute featured old favorites like *Summer Stories*, *Nose to Nose with Nature* and *Heritage Crafts*.

Two new offerings this year included *Down a Garden Path*, which showcased the new four-square garden with lots of garden related fun. Another new program, *Digging Isn't Everything*, taught children about archaeology and how it helps us to learn about the past.

As cold weather is here, we hope these summer photos of kids in the park will warm you.

Photos by Tracy Holliday, except bottom left.

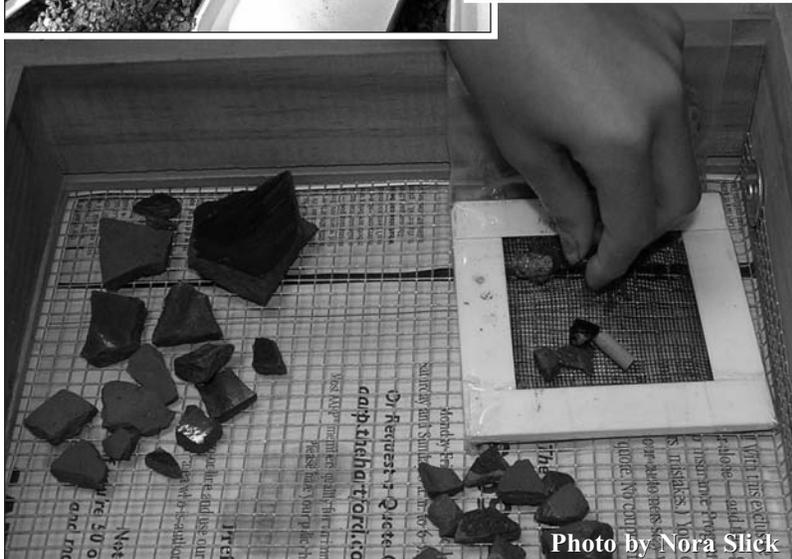


Photo by Nora Slick

Institute: Organization & Volunteers, January 1–December 30, 2011

BOARD OF DIRECTORS

(effective July 1, 2011)
 Maxine Beck, *President*
 Wayne S. Martz,
Vice President
 Patricia A. Shew, *Treasurer*
 Debi Duffey, *Secretary*
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 Jeremy Bowersox
 Caroline Dean
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 Phil Kelly
 Jason Levick
 Tim Parry
 Lucinda D. Potter
 Dave Secor
 Anne M. Shepard

ENDOWMENT TRUSTEES

George Buckey (Chr.)
 Lynn MacBride
 Christopher Richwine

STAFF

(effective July 1, 2011)
 Melodie Anderson-Smith,
Executive Director
 Sherry Hesse, *Director of*
Cultural Studies
 Tracy Holliday, *Assistant*
Director/Grants Administrator
 Beverly McFarland, *Accounts*
Manager
 Andrea Struble, *Director of*
Public Relations
 Doris Goldman, *Faculty*
 Nancy Hall, *Faculty/*
WaterStriders Instructor
 Stephanie Kober, *Faculty*
 Robert J. North, *Faculty*
 Pamela Rowland, *Faculty*
 Lori Schlosser, *Faculty*
 Beth Skroban, *Faculty*
 Nora Slick, *Faculty*

Interns (Spring 2011)

Dustin Lowry (Geo-Environ.
 Studies, SU)
 Patrick Moulden
 (Geography/GIS, SU)

Interns (Summer 2011)

Bethany Bechtel (Geography/
 Human Environ., SU)
 Ben Ritter (Geography/GIS,
 SU)
 Bobby Rush (Geo-Environ.
 Studies, SU)

Interns (Fall 2011)

Jessica Beishline (Geography/
 Human Environ., SU)

Accounting Consultant

Ray Miller, CPA

Educational Programs & Office Assistance Volunteers

Pat Heefner
 Mary Ann Payne

COMMITTEES

(effective July 1, 2011)

Adult Education Committee

Pat Heefner (Chr.)
 Maxine Beck

Leonora Bernheisel
 Garrett Blanchet
 Caroline Dean
 Bob Dee
 Phil Kelly
 Marge Kiersz
 Tom McFarland
 Tim Parry
 Anne Shepard
 Andy Smetzer
 Brian Toro

Development Committee

Debi Duffey (Chr.)
 Rochelle Barvinchack
 Jeremy Bowersox
 Wayne Martz
 Lucinda Potter
 Dave Secor
 Pat Shew

Executive Committee

Maxine Beck (Chr.)
 Wayne Martz
 Pat Shew
 Debi Duffey

Facilities Committee

Wayne Martz (Chr.)
 John Beck
 Phil Kelly
 Richard (Red) Mohn
 Lucinda Potter

Finance Committee

Pat Shew (Chr.)
 Caroline Dean
 Debi Duffey
 Tim Parry
 Dave Secor

Historian

Mary Ann Payne

Membership Committee

Jason Levick (Chr.)
 Jeremy Bowersox
 Steve Graham
 Matt Gunder

Carol Ann Henicle

Edward A. Miller

Anne Shepard

Nominating/Gov. Committee

Matt Gunder (Chr.)
 Steve Graham
 Dudley Keller
 Allie Kohler
 Jason Levick
 Edward A. Miller
 Linda Zimmerman

Personnel Committee

Maxine Beck (Chr.)
 Wayne Martz
 Pat Shew
 Debi Duffey

Technology Committee

Marc Desrosiers
 Jim Diller
 Pat Heefner

Youth Education Committee

Vacant (Chr.)
 Bonnie Bachtell
 Rochelle Barvinchack
 Pamela Rowland
 Pat Shew

YOUTH AFTER SCHOOL/ WEEKEND/SUMMER PROGRAMS & PRESENTERS

Children's Summer Stories

Dorothy Fawks
 Laura Fawks
 Kathy Bourdeau

Heritage Crafts

Ed Beard—*Leatherwork*
 Barry Donohoe—*Woodworking*
 Jack Handshaw—*Pottery*
 Susan Matson—*Basketry*
 Robert North—*Piercing Tin*
 Beth Skroban—*Fun With Fibers*
 Bethany Bechtel—*Intern*
 Pat Shew—*Volunteer assistant*
 Sherry Hesse—*Staff Coordinator*
 Nora Slick—*Staff Coordinator*

Digging Isn't Everything

Scott Parker—
Archaeologist/Instructor

Down A Garden Path

Doris Goldman—*Staff Instructor*
 Pam Rowland—*Staff Instructor*

Nose-To-Nose With Nature

Stephanie Kober—*Staff*
Instructor
 Beth Skroban—*Staff Instructor*
 Nora Slick—*Staff Instructor*
 Bethany Bechtel—*Intern*

WaterStriders

Melodie Anderson-Smith
 —*Staff Instructor*
 Nancy Hall—*Staff Instructor*
 Doris Goldman—*Staff Biologist*
 Elet Hall (Supervisor at
 Earth Day)

Kendra Berkebile

Amy Draper

Danae Draper

Brittney Mazie

Jackie Rosenberger

Ian Skroban

COMMUNITY EVENTS

VOLUNTEERS & PRESENTERS

Spring Bird Walks & Trips

Jack Olszewski, Leader

Annual Kite Fly

Bill Flohr (Chr.)

Twila Flohr

Earth Celebration Day & Festival of Art 2011

Nora Slick, *Artists &*
Environmental Exhibits
Coordinator

Laura Danyluk, *School*
Exhibits Coordinator
 Yvonne Yoder (School
 Exhibits)

Debbie Geis (Children's Art
 Activity)

Environmental Exhibits:

- Bill Barns (Hagerstown Honda)
- Kendra Berkebile (YouthCAN Reduce, Reuse, Recycle/WaterStriders)
- Leonora Bernheisel (poster display & group juggling)
- Vertis Bream (Energy Options)

- Judy Bricker & Maggie Cisar (Flower Buds & Antietam Watershed Assoc.)
- Emily Bruckart (PA Honey Princess)
- Sherry Clayton & Rochelle Barvinchack, Casey & Dale (Franklin Co. Planning Commission)
- Stephanie Corum (Franklin Co. Therapeutic Riding Ctr./author)
- Ruth Davis (Population Connection)
- Amy Draper (WaterStriders)
- Franklin Co. Beekeepers
- Marie Free (Synergy Massage & Wellness Center)
- Elet Hall (WaterStriders)
- Nancy Hall (WaterStriders)
- Mary Hudzinski (Blue Frog Soaps)
- George Hurd (Penn State Cooperative Extension)
- David Keller (Franklin Co. Commissioners)
- Bob Lawn (Antietam Watershed Assoc.)
- Rudolf Lemperg (My Farm at Goose Pond)
- Florine & Russell Long (Long's Tree Service)
- Karen Manderson (recycled creations, quilts)
- Lynn Martin (Girl Scout Troop 80882/Jr. Cadettes)
- Chris Mayer/students (Fulton Center for Sustainable Living)
- Leonard Mazza (Alliance Chiropractic Wellness Center /Hundred Fold Farm)
- Brittney Mazie (WaterStriders)
- Bill Mooney (Appalachian Energy Systems)
- Amber Naugle (festival banner)
- Jack & Holly Olszewski (Mother Earth Creations)
- Scott Parker (Little Antietam Creek, Inc.)
- Shauna Pieruccini (Franklin Co. Honey Queen)
- Tammy Piper & Donna Hayes (Franklin Co. Conservation District)
- Jackie Rosenberger (WaterStriders)
- Rosenberry's Electric
- Karen Ruckman-Robinson (author)
- Scott Roxby (West Penn Power)
- Patric Schlee (Drum Circle)
- Kathy Seiler & Students (WASHS Envirothon Team)
- Mary Ellen Selvaggio (School Exhibits & Drum Circle)
- Cole Shenebeck (upcycled creations)

(continued on page 34)

INTERN REPORT

Building a Geographic Information System for the Antietam Watershed:

A New Tool for Watershed Conservation in the Antietam Watershed, a Landownership Database, and a Spatial Perspective on Stream Water Quality in the Antietam Watershed

by Benjamin J. Ritter

During the summer of 2011, I had the privilege of being an intern at Renfrew Institute. The internship was a requirement for my Shippensburg University Geography/GIS major. [GIS = *Geographic Information System*.]

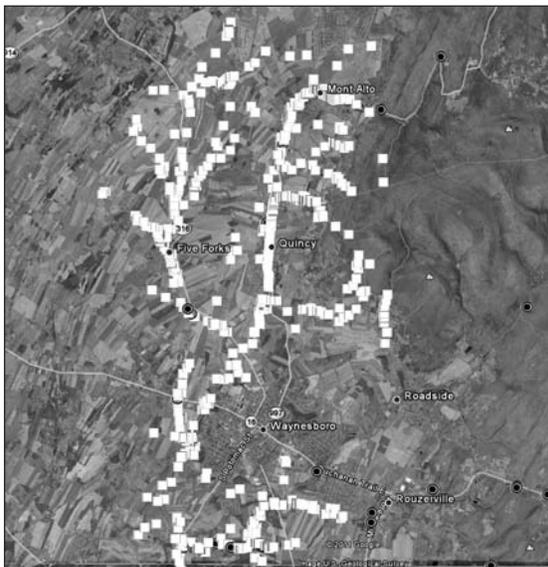
I am a senior at Shippensburg and will graduate in December. After graduation, I plan to pursue a master's degree in geography.

The short time I spent with Renfrew Institute was a rewarding and fulfilling experience, and the skills I learned and improved on while there are irreplaceable.

Landowner Database

I was assigned an important task to complete during my internship. Last year, prior to my arrival at the institute, two interns from Shippensburg University, Dustin Lowry and Patrick Moulden, were given the task to create a geo-database of all landowners whose properties are adjacent to Antietam Creek and its tributaries. [Articles on the previous geo-database work appear in *Streamside Vol. 21, No. 2, April 2011, pages 10–11.*]

The geo-database was created because many landowners are not aware that funds and services are available for those with property adjoining impaired water bodies (like the West Branch Antietam). The Antietam



On this Google Earth image, 'parcel points' (indicator of properties adjoining Antietam Creek or its tributaries) are shown as white squares. In color on a computer screen, the squares are red, and when mouse-clicked will reveal landowner information for that property. Only authorized users are able to access this information. Image courtesy of Benjamin J. Ritter.



Ben Ritter studies a digital map on his computer while working on completing a geo-database of landowners with property adjoining the Antietam Creek. Ritter, a student at Shippensburg University, completed the database during an internship at the institute this summer. Photo by Fontina Hall.

Watershed Association decided to develop the database in order to contact these landowners through an educational outreach program and make them aware of available resources.

Lowry and Moulden accomplished a lot of work on the geo-database project. However, the task proved larger than imagined and the project was not fully complete prior to the end of their internships. Lowry and Moulden finished their work by geo-referencing tax maps, on which they created "parcel points" for each property adjacent to the Antietam Creek and its tributaries.

I began my work on the project with a review of their data, and noticed that some properties had been overlooked. In order to obtain these properties, I geo-referenced several other tax maps, and as a result additional parcel points were created.

Once all of the properties were determined to be accounted for, the next step of the project could proceed. Using a special formula supplied by the Franklin County Planning Department, a "tax parcel ID" was generated for each parcel point. After each parcel point was associated with its Franklin County tax parcel ID, landowner information could be collected.

Landowner information was collected by manually looking up each tax parcel ID in the Franklin County tax system. To protect landowner privacy, all information in the database was gathered from the public domain. Access to the database is restricted—limited to organizations, municipalities or agencies authorized by AWA for the specific goal of outreach education.

(continued on pg. 31)

Focus on the Main West Branch

By Bobby Rush

My name is Bobby Rush and I am a senior at Shippensburg University (SU). I am majoring in Geo-Environmental studies, and recently completed an internship with Renfrew Institute.

This summer, I worked with two colleagues, also Institute interns from SU, on a stream-monitoring program. Bethany Bechtel [see pg. 19] and I focused on the physical monitoring of stream water throughout our Antietam Watershed. Ben Ritter focused on continuing the creation of a geo-database that contains geophysical and stream-side property information for land along the West Branch Antietam Creek and its tributaries. [see pg. 22]

Bethany and I monitored water along the Main East and West Branches of the Antietam, along with other streams and tributaries. As the summer progressed we each became more interested in different areas of our watershed. Bethany started to focus on a side-by-side comparison of two streams running towards Waynesboro from the East. I focused on the Main West Branch of the Antietam. Multiple sections of the West Branch are known to be impaired.



Institute intern, Bobby Rush conducts an on-site test for dissolved oxygen in the West Branch Antietam Creek. Photo by Melodie Anderson-Smith.

In my research, I concentrated on three locations along the West Branch. Other volunteer monitors have also been monitoring locations along the West Branch. The three sites I chose are all very different: the top site is

the headwaters of the West Branch on South Mountain; the next site is near the middle, after the stream goes through residential and farmland area; and the bottom site is downstream (almost in Maryland), right before the East and West Branch of the Antietam confluence.

I tested these three sites several times over the summer with some interesting results. The water temperature rose almost seven degrees from the top to bottom. While this may not seem like a dramatic temperature rise, the warmest point on the bottom site was 20.5 degrees Celsius—and most trout prefer water temperatures below 18 degrees Celsius. The rise in temperature can be caused by a lack of shade over the stream bed.

Another trend from top to bottom is the nitrate level. At the top it was at 0 mg/L (milligrams per liter), at the bottom it was over 7 mg/L. Streams with a nitrate level over 2 mg/L are considered impaired. Higher nitrate levels can cause algae blooms, and an abundance of algae in the water eventually leads to less oxygen in the water for

other important organisms.

Nitrate levels in the water can be lowered by adding a riparian buffer along sections of the stream. A riparian buffer is an area on both sides of the stream that has vegetation, which helps filter runoff of pollutants like pesticides and fertilizers. Another benefit of a riparian buffer is that it provides shade to help keep the water cooler.

One positive change from the top to the bottom of the West Branch is the pH. The pH level went from 4 at the top, which is on the acidic side (too acidic for most trout species), to 8 at the bottom which is more basic. This is a huge change because the pH scale is logarithmic, which means each whole value is ten times higher or lower than the next value. Ideal stream water pH is between 6.5 and 8. The reason the pH increased so much is because of the geology of this area. When the water reaches the limestone valley, the carbonate rocks neutralize the stream water.

I also tested these sites for alkalinity. Alkalinity determines the stream's ability to neutralize acids. Since our area is affected by acid rain, this is an important characteristic of our streams.

Above, I mentioned how the limestone valley made the pH rise. It also increases alkalinity. At the top, the alkalinity is zero mg/L, which means any acid deposited into the stream will change the pH. At the bottom it was 263.3 mg/L, which means the stream has great ability to buffer acids.

A growing problem in the Chesapeake Bay is sediments. These sediments come from many sources, such as urban runoff, erosion from farms or construction sites. A good test for sediments is turbidity, which is measured in Jackson Turbidity Units (JTU). At the top of the West Branch the turbidity was zero JTUs. The bottom of the West Branch's turbidity was 10 JTUs. A 10-day average of 10 JTUs or greater can be a concern for trout.

Two other parameters I tested for over the summer were DO (dissolved oxygen) and phosphate levels. The DO is important to aquatic life. Organisms in streams need oxygen to live, so the more oxygen in the water the better. There is an inverse relationship between temperature and DO. As the water temperature increases, the water holds less oxygen; this is another reason water temperature is so important.

Phosphates can come from failing septic systems, sewage treatment plants, and runoff from fertilizers. For the bottom of the West Branch, the phosphate level is slightly high and the dissolved oxygen is on the low side.

Water monitoring is very important on both local and regional scales. Without knowing that there is a problem it is hard to solve it. Stream quality is important to humans and valuable organisms living in and around our streams. ❁

INTERN I Stream Monitoring—East & W How Healthy are C



Former Franklin Co. Commissioner with interns, Bobby Rush and Bethany Bechtel speaking engagement at the July 2011 Association general meeting. Elliott related commissions. Photo by Melodie Anderson-Smith.

REPORTS

West Branches Antietam Creek: Our Local Streams?

Side-by-Side Stream Comparisons

By Bethany Bechtel

My name is Bethany Bechtel and I am a Shippensburg University (SU) student who interned this summer at Renfrew Institute (RI). I am majoring in Geography with a concentration in Human-Environmental Studies, and will be going into my senior year.

During my internship I collaborated with two other SU students interning at the institute, Bobby Rush and Ben Ritter. Ben worked on continuing the geo-database project begun in the spring of 2011.

Bobby and I conducted water quality monitoring for the East and West Branch of the Antietam Creek. The information we collected was shared with Ben for his project.

I chose to concentrate on two tributaries on the East Branch of the Antietam—Falls Creek and Red Run. I gathered my own data over two months and averaged it with data collected by other monitors who have been sampling these two tributaries over the past 14 months.

I consolidated monitoring results [see chart, below]. In looking at the first item, it's clear that Red Run's pH is more acidic, while Falls Creek's pH is neutral. (A lower pH number indicates increased acidity). The pH for Red Run is more acidic because the alkalinity is low. Alkalinity measures the water's ability to neutralize acids.

Acidity in creek water can come from acid rain or wastewater, and can harm aquatic life. Falls Creek has higher alkalinity so the pH is more on the neutral side.

Phosphate levels should be below 0.01 mg/L for streams to be considered unpolluted. As shown in the chart, both Falls Creek and Red Run exceed these limits, but Red Run has fewer phosphates than Falls Creek.

When looking at dissolved oxygen (DO), desirable levels will be above 5 mg/L. The warmer the water, the less oxygen it can hold. Both Falls Creek and Red Run are above 5 mg/L.

Turbidity tells us the clarity of the water. The turbidity of both Red Run and Falls Creek is 5, which is an acceptable level. High turbidity means high sediment levels. Sediment can harm aquatic animal life and may block sunlight from reaching underwater plants.

Falls Creek has a higher level of nitrates than Red Run. Ideally, the level of nitrates should not rise above a background level of 2 mg/L. One sample collected on Falls Creek was 6.7 mg/L.

After looking at my results I believe that Red Run is healthier than Falls Creek by a small margin, because Falls Creek has high levels of nitrates and phosphates that are not healthy for aquatic life. These nutrients can cause algae blooms and lower oxygen in the water.

Children's Activities

During my internship I also helped with two of the children's programs that Renfrew Institute has in the summer—*Nose to Nose with Nature* and a new program, *Down a Garden Path*. For *Nose to Nose* we walked around Renfrew Park looking for natural wonders, guided by institute staff instructors. One day we looked for wonders lying on the ground, like acorns, leaves, twigs and flowers to make fairy houses. Another day we looked for wonders in the water, like crayfish.

In *Down a Garden Path* we learned how to plant different plants in the garden, and how to plant them in pots to take home. We also learned the different techniques people used to water gardens before there were hoses and sprinklers—we used dipping gourds and watering bells. I helped teach the children, but along the way I learned new things as well, and it was fun working with the kids.

On July 20th I attended an Antietam Watershed Association (AWA) public meeting. My intern colleague, Bobby and I set up a display using our water monitoring kits, a map of the Antietam Watershed and a backboard explaining the water monitoring program.

Former Franklin Co. Commissioner, G. Warren Elliott was the featured speaker at the meeting. He serves on both the Pennsylvania Fish and Boat Commission and the Chesapeake Bay Commission. In addition, he was just appointed Pennsylvania representative to the Mid-Atlantic Fishery Management Council.

Mr. Elliott also attended Shippensburg University, where he received both bachelor's and master's degrees in public administration, which was interesting to me as a current SU student.

I was able to talk to Mr. Elliot and he asked me what my major is and what I would like to do with that degree. I told him I enjoyed the water monitoring that I performed during my internship, and would like to work in water management. He suggested that I look into the Fish and Boat Commission.

For me, this is valuable information as it might help me explore career opportunities that my internship experience at Renfrew Institute has helped prepare me for. ❁



G. Warren Elliott interacts with Bethany Bechtel, following his 2010, 2011 Antietam Watershed. He serves on three watershed boards. Photo by Melodie Anderson-Smith.

	Falls Creek	Red Run
pH	7.2	5.6
Dissolved Oxygen	7.9	7.83
Turbidity	5	5
Alkalinity	106.81	36.9
Nitrate	3.39	1.84
Phosphate	0.40	0.26

Average stream monitoring results on two tributaries of the East Branch Antietam Creek.



Institute intern, Bethany Bechtel examines results of a test for pH levels in the East Branch Antietam Creek. Photo by Melodie Anderson-Smith.

REPORT: Recycle Reuse Yard Sale Fundraiser Clears a Cool Profit!

In spite of dramatic weather before the event, and lingering effects of flooding that kept us out of the park on April 30th, the institute's Sixth Annual Recycle Reuse Yard Sale Fundraiser successfully produced more than \$2,000 in support of school programs and public events!

The sale was held under sunny skies on the outdoor site of Waynesboro Middle School. Our wonderful volunteers accomplished all manner of logistics—canopies erected, yard sale grids painted, goods baked and delivered, hot dogs grilled, signs installed, donations delivered, tables moved, traffic directed, food sales conducted, coffee brewed, lunches assembled, yard sale goodies sold and sponsorships provided.

Twenty-six vendors displayed their "treasures" and reported brisk sales. Food was plentiful and varied with unusual items such as 'ploughman's lunches,' homemade pita bread and hummus and of course, the ever-popular hot dog and yummy baked goods.

The Yard Sale remains popular, and a continued partnership with Earth Day and Art Fest activities permits sharing the celebratory day as well as the organization's resources.

Thanks to all who helped to make the event a success. **Antietam Eye Associate's** role as lead sponsor provided an important boost to the bottom line. Our loyal "charter sponsors," **Advance Auto Parts, Dru's Books N'Things** and **Total Vac**, who have provided a base of underwriting that has sustained the event's bottom line since its inception, were joined by **Hadley Farms Bakery** and the returning **First National Bank of Mercersburg**.

Local businesses were very generous, donating apples



Vendor Mike Cannady displayed a long table full of vintage collectibles for sale during this year's Recycle Reuse Yard Sale. Photo by Andrea Struble.

(Rinehart Orchards), hot dog rolls (Martin's Food Stores and Martin's Famous Pastry Shoppe), doughnuts (Krumpe's), pizza (Frank's Pizza), sweet rolls and croissants (Hadley Farms Bakery) and organic fair trade coffee (Port City Java).

Individuals helped by baking pita bread and assorted goodies, and donating hot dogs, sodas, bread, ice and cocoa. Board and staff members donated baked items and good used merchandise for the sale table.

Most importantly, many people gave of their time on Saturday to work at the food stand, the sale table, or help with parking or "yard guard" duties. The addition of a large corps of volunteers from the First National Bank of Mercersburg was an enthusiastic and welcome boost!

We extend gratitude to all who contributed to this happy ending and urge you to mark your calendars for April 28 so you can join us as we welcome Spring 2012.

Tracy Holliday

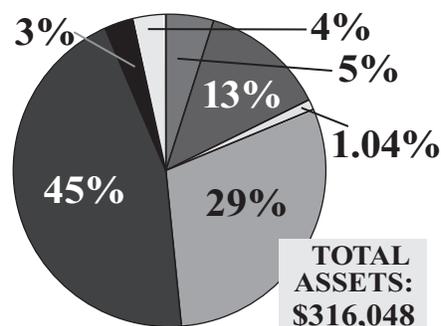
Renfrew Institute's Financial Health

Renfrew Institute Financial Statement 2010-11

(July 1, 2010-June 30, 2011)

Operating Income		Operating Expenses	
Memberships	\$30,181	Salaries, Benefits, FICA (faculty & admin.)	\$140,229
Bequests, Memorials	7,252	Community Events	6,569
Student Fees (inc. adult/teen wkshp & Summer Inst.)	43,193	Fund Raisers	15,115
Grants/Sponsorships (educational programs)	34,400	Suppl., Printing, Postage (programs, office, newsletter, etc.)	13,598
Grants/Sponsorships (community events)	8,504	Professional Devel. & Chamber Memberships	1,130
Grants/Today's Horizon Fund	16,214	Admin./Consult. Fees	1,850
Fund Raisers (Pumpkin Fest, Yard Sale, Bay Supper, Salamander Scramble)	39,503	Phone/Internet/Equip. Maint.	1,674
Other (special projects, interest, misc. donations, etc.)	2,266	Insurance	1,796
Restricted Income (sit-upons, Jazz EMS, period clothes, camera)	1,447	Misc. (petty cash, exhibits, volunteer appreciation, mtg. snacks)	686
TOTAL	\$182,960	Restricted Expense (sit-upons, Jazz EMS)	1,080
Capital Income (4-Sq. Garden/DCED grant)	7,500	TOTAL	\$183,727
		Capital Expense (4-Sq. Garden project)	2,712

Renfrew Institute Assets as of 6/30/11



- 5%—Checking Account: \$15,642
- .003%—Petty Cash: \$100 [not on chart]
- 13%—M&T Securities (reserve/operatms holding): \$39,914
- 1.04%—Today's Horizon (prepaid, held in CD): \$3,285
- 29%—Bequest Trust Fund (operations): \$93,524
- 45%—Endowment Fund/Margaret Keller Fund: \$142,959 (Bonds & mutual fund investments)
- 3%—Accounts Receivable: \$9,207
- .005%—Prepaid Expenses: \$171 [not on chart]
- 4%—Fixed Assets: \$11,246

New Sponsorships *(continued from pg. 14)*

Renfrew Institute's *Jazz Festival*. Hagerstown's Hamilton Nissan, long time supporter of the event, was joined this year by their Chambersburg affiliate, Hamilton Hyundai. By partnering with the institute to bring a free live performance of world-class jazz to the tri-state region, they're helping to connect residents of our rural community to an art form that might otherwise be out of reach for some.

Although this summer's concert was plagued by a slow moving thunderstorm system that caused us to shift to an indoor venue, attendees were rewarded with a noteworthy performance as we celebrated the event's 20th anniversary. A guitar summit, the concert featured Jack Wilkins and Peter Bernstein with traditional *Jazz Fest* anchor Paul Bollenback, along with bassist Joseph Lopore and drummer McClenty Hunter.

Jazz Fest typically costs between \$5,000 and \$6,000 to produce, but thanks to underwriting support from local businesses and individuals, along with county and state grants, the cost to attendees is zero. The event has developed a loyal following, with a crowd nearing 1,000 in recent years. Each year, attendees declare it's "the best concert ever!"

If you haven't yet experienced this gig that features superb musicians performing in a bucolic (usually) outdoor setting, mark your calendars now for the last Sunday afternoon in August and watch our website for details. And meanwhile, thank the Hamilton Automotive Family for helping to bring it to fruition!

Millennium 3 Energy—Earth Celebration Day & Festival of Art

What do the once flamboyant, edgy Andy Warhol and mild mannered Phil Kelly have in common? "What a stretch," you might say if you know Phil! While he may be a fun-loving patron of the arts, Kelly, unlike Warhol, can easily disappear into a crowd of professionals! Andy Warhol once opined, "They always say time changes things, but you actually have to change them yourself." What these men share is a vision for change and the will to affect it!

Millennium 3 Energy (M3E) was created by Kelly to affect change in the Cumberland Valley and surrounding region. He hopes to accomplish this by helping consumers better understand their energy use... and by helping them manage it. The company's main emphasis is to bring solar photovoltaics to the region as a significant energy source.

After several decades spent in high profile positions for very large companies, Kelly was bitten by the entrepreneurial bug. When he conceptualized his own enterprise, PV solar was not widely accessible for small to mid-scale projects in the region. Today, two years after opening the door, M3E has installed systems as small as residential retrofits with 20 solar panels and as large as systems with over 400 panels on commercial buildings. Local printing and graphics company, Copyquik gets over a quarter of its annual electricity from its M3E system, and a large dairy

barn in Boonsboro generates about 60% of its own electricity. Completed in December is a system that will supply solar PV power to the Town of Hancock wastewater treatment facility. This is Washington County's only "Maryland Project Sunburst" system and will provide all of the energy needed by the facility.

It was a perfect fit, then, when Kelly was approached to serve on the institute's board of directors. Once familiar with the organization's activities and the financial needs to advance them, he stepped forward with an offer of sponsorship support for the Earth Celebration Day & Festival of Art event.

Phil has this to say, "The Renfrew Institute's efforts to increase environmental awareness and its work to create a better legacy for future generations are perfectly in line with what I am doing with my company. I'm pleased to be a part of the Earth Celebration event."

Renfrew Institute's *Earth Celebration Day & Festival of Art* event draws hundreds of visitors. Since its inception, the community has embraced this spring event as an opportunity to gather with likeminded citizens, to learn about sustainable products/practices and advocacy roles, to welcome spring and enjoy live music in a festival atmosphere.

Recently, the addition of the *Festival of Art* has provided an opportunity to see creative demonstrations, view and purchase Earth themed works of art that include photography, jewelry, weaving, painting and more.

Mark your calendars now for Sat., April 28 for *Earth Celebration Day & Festival of Art 2012*. And if you see Phil Kelly, thank him for helping us make a contribution to our community as we learn about opportunities for change!

Manitowoc Cranes—Home Sweet Home

It might be evoked by a crackling fire in the hearth and an apple pie in the oven...or perhaps a depression in the soil beneath a limestone rock, submerged in swiftly moving water...or maybe a twig nest, anchored in the crook of a towering tree at the meadow's edge, an abundance of field mice within an easy swoop...or a multi-celled architectural wonder of condominium living, constructed of "paper" with specialized tools, by highly skilled workers and suspended high above the ground from the branches of a shady elm...Whatever the form and location, all living things have a preferred version of 'Home Sweet Home.'



Earth Celebration Day exhibitor, Alex Surcica educated the crowd about bees. Here, Surcica's young son scrutinizes a live bumble bee, up close and personal. Earth Celebration Day was sponsored in part by Millennium 3 Energy. Photo by Andrea Struble.

(continued on page 25)



Sponsor Spotlight
Buchanan Auto Park
*SOARING TO
 GREAT HEIGHTS*

Kites are a lot like teenagers...flighty, buoyant on the uplifting breeze, yet known to dip precipitously with an unexpected shift in the wind.

I'm thinking of kites and teenagers because Renfrew Institute's Kite Fly is 16 years old! (plus or minus a rain out or two...). Just like "parents" everywhere, we have great care for and love of this community event that has been adopted by many as a traditional rite of spring.

Since the beginning, **Buchanan Auto Park** has been the sole sponsor of Kite Fly, first in partnership with Ron Wagaman, and since 2001, in partnership with Curtis Mummert. Through that time, their annual gift has permitted the institute to host a Fun Fly for local kite enthusiasts. Led faithfully by Kite Man Bill Flohr for the past 15 years, the event will continue under new leadership this year as Bill "retires." Stay tuned for details...



During the 2010 Fun Fly event, Waynesboro's "Kite Man" Bill Flohr helps a young flyer get started in launching her kite. The Fun Fly has been sponsored since its inception by Buchanan Auto Park of Waynesboro. Photo by Andrea Struble.

Meanwhile, what you can expect as the event continues is a gentle yet exuberant experience shared by a crowd of kite fliers of all ages and experience levels on an early spring day in April...the joy of running through the open meadow as you launch your kite on the breeze, the beauty of fluttering tails behind a kite so high aloft you must strain to tilt your head, squinting it into view, the sound of gleeful laughter from those watching kites dip and weave on the wind.

Don't have your own kite? No problem! A kite-making workshop in which participants make a simple, easy to fly kite precedes the Fun Fly.

The community has embraced this event with enthusiastic attendance, one that attracts an annual crowd of faithfuls. On behalf of all who have come to expect—and delight in—this spring ritual, we extend thanks to Buchanan Auto Park and the Mummerts for their steadfast support of the institute's Fun Fly.

"We have enjoyed underwriting such a popular event for the Center," said Curtis Mummert. "It wouldn't be Spring in Waynesboro without the Fun Fly. We appreciate Bill's dedication to the event for so many years. I guess time really does 'fly.'"

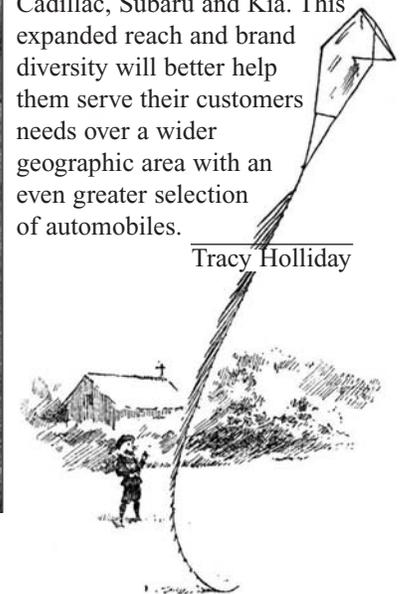
Buchanan Auto Park is the Tri-State's Number 1 Volume Chrysler, Jeep, and Dodge dealer. Buchanan provides quality automobiles at affordable prices, offering new or used Chrysler, Jeep, and Dodge cars, trucks and SUV's in Waynesboro and the surrounding areas.

Buchanan also continues to diversify by adding new dealership locations and auto brands. Curtis and his wife, Julie have recently opened Buchanan Subaru in

Pokomoke City, Md. and acquired the assets of Wheeler Kia in Westminster, Md.

The Buchanan stores now include franchises for Chrysler, Dodge, Jeep, RAM, Chevrolet, GMC, Buick, Cadillac, Subaru and Kia. This expanded reach and brand diversity will better help them serve their customers needs over a wider geographic area with an even greater selection of automobiles.

Tracy Holliday



Jack O' Lanterns, corn shocks and luminaries set the stage, and a long amble down the lane at dusk sets the mood for Spooky Stories, a Renfrew Institute favorite since the 1990s.

Once inside the little red Fahnestock barn, participants nestle onto straw bales, ready for an old-fashioned Halloween Storytelling experience, complete with scary stories of things that go bump in the night. With suspense hanging in the night air, spine-tingling and funny-bone-tickling mingle as tales are spun under the dim lights.

Since the event's inception, many storytellers have held the crowd rapt, from Richard Ezell and Jon Vickers Jones to Joann Hay, each with his or her own style and each masters of their craft. For the past five years, storyteller Jennifer Vanderau has entertained with tales that delight young and old alike.

With sensitivity to delivering more "light hearted and friendly" offerings early in the evening for the younger set, Jennifer has reserved the spookier tales for the sturdier crowd that lingers in the later hour. This fall, she laced her stories with history of the old places (some haunted, Vanderau contends!) that surround us in the Franklin County region and beyond. With an extensive background hosting ghost walks in Gettysburg, Vanderau is well versed in the history that has shaped our region.

Since 2001, **Patriot Federal Credit Union** has been the sole sponsor of Halloween Stories. Over more than a decade, Patriot has not only kept our partnership intact, but has also sent a hearty soul or two as "ambassadors" on event night. For many recent years, that hearty sole has been Carla Heckman, accompanied by her grandchildren, who savor the moonlight thrills.

Carla serves as community relations coordinator for the credit union and has been steadfast in her commitment to this event that many families have adopted as an annual fall ritual. Eighty or so robust story lovers attend, on even the darkest and eeriest of fall nights!

Michael Silvers, Patriot Federal COO, offered remarks. "We applaud the Renfrew Institute for their continued investment in youth. Patriot has been privileged to join with the Renfrew Institute to create a fun event for all participants. The development of families is an important factor in the mission of Patriot, to make a difference in the lives of those who live in our communities."

Established in 1965, Patriot Federal Credit Union is



a not-for-profit financial cooperative, democratically owned and run by its members. The credit union is governed by a volunteer board of directors, elected by the membership. Peggy J. Bosma-LaMascus is president and chief executive officer.



Storyteller Jennifer Vanderau, in one of the many spooky costumes she has donned over the past five years to spin spine-chilling stories during the annual Halloween Storytelling event. The program is sponsored by Patriot Federal Credit Union. Photo by Andrea Struble.

On July 13, 2000, Patriot Federal Credit Union became a Community Charter, which permits a field of membership that is geographic-based rather than sponsor-based. You are eligible to join if you live, attend school, worship, or work in the service area that includes Franklin and Fulton counties, Pa.; Washington County, Md; or the Borough of Shippensburg, Pa. (including the portion in Cumberland County).

Patriot has become one of the largest credit unions in the state of Pennsylvania. Management leadership, technological advancements, employee education, recruitment and training of volunteers, and the cooperative efforts of the total credit union "family" have been important contributing factors toward the successful growth of Patriot Federal Credit Union.

Tracy Holliday

EDITOR'S NOTE:

Sponsor Spotlight, which appears on this page and the preceding one, is a regular feature of this newsletter, highlighting Renfrew Institute's programs or events and their underwriting sponsor(s). The generosity of these sponsors enables the institute to offer a variety of educational activities to our community.

Memorial & Honorial Donations

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

in memory of...

Eldon Joiner

by Steve Graham

in memory of...

Joyce Ceyler

and in honor of...

Richard D. Ceyler

by Angela Grove Weagly

in memory of...

Joyce Ceyler

and in honor of...

Eunice Statler

by Richard D. Ceyler

in honor of...

Carol Ann Henicle

by Angela Grove Weagly

in honor of...

Angela Grove Weagly

by Carol Ann Henicle & Bonnie Monk

in memory of...

Howard North

by Steve Graham

in honor of...

**Carol Ann Henicle
& Angela Grove Weagly**

by Jo Ann Kohler



Helping Us Grow

Thank you to the following for
financial donations toward a
variety of items, programs and
general support.

- **Rochelle Barvinchack:**
Donation for Salamander
Scramble.
- **Jackie Bayer:** In support of the
2011 Earth Celebration Day &
Festival of Art.
- **Stephen Beattie:** In support of
the Pennsylvania German four-
square Garden.
- **Maxine Beck:** Donation in support of the garden
volunteer thank you dinner at Willow Pond Farm.
- **Garrett Blanchet:** In support of the spring geology
field trip on May 7, 2011.
- **Chambersburg Garden Club:** Honorarium for
speaking engagement by Doris Goldman.
- **Frank & Susan Conway:** In support of testing
equipment for the stream monitoring program.
- **Becky Dietrich:** Donation for educational programs.
- **Matt Elden:** In support of the 2011 Earth Celebration
Day & Festival of Art.
- **Steve Ferree:** Donation for Salamander Scramble.
- **Marie Free:** In support of the 2011 Earth Celebration
Day & Festival of Art
- **Arthur & Sara Gernand:** In support of the 2011 Earth
Celebration Day & Festival of Art.
- **Pat Heefner:** Donation for adult/teen education programs.
- **Mary Shull Miller:** Donation for Salamander Scramble.
- **Andrew Papoutsis:** In support of the purchase of hotdogs
for the 2011 Pumpkin Festival.
- **Pam & Bruce Rowland:** Donated three trees for the
Pennsylvania German four-square garden site.
- **Nora & Greg Slick:** Donation to purchase a tree for the
outside perimeter of the Pennsylvania German four-
square garden.



A generous donation has been given
to Renfrew Institute

in memory of

Harry D. Catts

by Bernie & Rosemarie Roberts

The donation is designated to sponsor the institute's environmental
program for second and third graders, *Earth Encounters*.

Puppets and puzzles help students learn about the nine parts
of nature: soil, water, air, sunlight, plants, animals, insects and
other creepies, fungus, and me (humans). These students have
found the "ME" piece of the puzzle, which shows that each of
us is part of the natural world. *Photo by Tracy Holliday.*

New Sponsorships *continued from pg. 21*



Home Sweet Home students, hard at work seeking the perfect "home" for their assigned roles as "critters." The program is sponsored in part by Manitowoc Cranes. Photo by Tracy Holliday.

will help us deliver the offering in 2011–12 to some 400 students from Waynesboro Area School District and the region beyond.

During their two-hour excursion, visitors to *Home Sweet Home* discover interdependence among living things within ecological communities. Students gather at the "community center" where each receives an assignment to fill the role of a plant or animal within an ecological community at Renfrew. Their task requires them to move about in the park, investigating their surroundings as they seek the 'home sweet home' that best meets their specialized needs.

As their investigations conclude, it's revealed that in the natural world, while most thrive by landing in the right spot, there are occasionally critters and plants that become displaced by acts of nature (flood, fire, flight from predator) and fail to prosper. Always seeking balance, the natural world makes good use of even its calamities. Deceased plants and critters decompose, restoring valuable nutrients to the soil for future use.

As we continue to fulfill Renfrew Institute's mission of education, we also strive to make good use of community resources that are invested in our work.

Thanks to this donation from Manitowoc Cranes, we can help students prepare to take their places in the community as adults, with an understanding of our collective reliance on the natural world, wherever we call 'home sweet home.'

"We're proud to support our local community—especially the work of *Home Sweet Home*," said Mark Johnston, Director of Human Resources. "Your organization is making a positive impact and we're pleased to be able to offer our assistance."

Manitowoc Cranes, formerly recognized as local industry giant Grove Manufacturing, is no stranger to

And for Renfrew Institute's version, a crane was needed to raise it! The crane of which I speak is **Manitowoc Cranes**, and the *Home Sweet Home* is the institute's fourth grade environmental education experience! Manitowoc Cranes has adopted the program as sole underwriting sponsor with a Heritage Society contribution that

specialized resource use. Grove was founded in 1947 and is one of the world's leading producers of mobile hydraulic cranes with manufacturing facilities in Shady Grove, Pa., and Wilhelmshaven, Germany.

Rich in tradition, the Grove/Manitowac name has been a welcome member of the crane community for more than half a century, earning a reputation for strong, reliable lifting equipment consistently popular with those who operate it.

We extend gratitude to Manitowoc Director of Human Resources, Mark Johnston, Ted Bratthauer, V.P. of Purchasing, and their colleagues at Manitowoc for their commitment to the institute's work with this significant contribution.

Pat and Jay Heefner— Dairy Culture & Once Upon a Farm

It's fitting that both Pat and Jay Heefner spent their professional lives influencing students. Each of their mothers modeled the role of educator, which would prove influential as they made career choices of their own.

As life-long learners, the Heefners do much to ensure learning opportunities for others. In addition to many roles as advocates of education, they've both been loyal Institute volunteers, serving in a variety of capacities that include Pat's recent past service on the institutes' board of directors.

Once the Heefners made the decision to support programming with a Preservation Society gift, they chose to pay homage to their mothers by selecting to sponsor *Dairy Culture of the Pennsylvania Germans*, in memory of former first grade teacher, Evelyn Heefner (Jay's mother) and *Once Upon a Farm*, in memory of former kindergarten teacher Jean Foster (Pat's mother).

*(continued on
page 26)*



Above: Instructor, Stephanie Kober with students enjoying Once Upon A Farm, where they don period garments and discover what life was like on a farm in the 1800s.

Left: Students step into the milkhouse—and back in time—during the Dairy Culture program.

Both programs are sponsored in part by Jay & Pat Heefner.

Photos by Tracy Holliday.

New Sponsorships *continued from pg. 25*

Reflecting on their memorial gesture, Jay said, “Mom started her teaching career in 1929 in a two-room school house at South Mountain (now the Preserving Our Heritage Museum). She took the train from West Main Street to Good’s Siding (near the Twin Kiss today) and picked up a ride to South Mountain. Often she would bring books from the library and extra food for the students for lunch. Sometimes in the evening she would miss the train and then have to walk back to town.

“My mom,” Pat said, “graduated on limited certification (an option during the Depression) and was lucky to get a job in Waynesboro, teaching first grade at North Street School. When my dad came to town as a recruiting sergeant in 1940, she traded in the familiarity of her hometown for life as an Army wife. She taught in many different places around the world as we moved around.”

Their careers were very different, but both mothers remained dedicated kindergarten and first-grade teachers.

Teaching history to kindergarten-aged students can present challenges. To some 5-year-olds, history might be “what I had for breakfast this morning!” In order to offer age appropriate experiences, playful lessons are incorporated into the *Once Upon a Farm* program that make learning fun and memorable. Children travel from spot to spot on the farm, invited to experience life from the eyes of a young child living on an 1800s farmstead.

Activities include a simplified quilting activity, a game of hopscotch scratched into the dust (or mud, depending on the weather!), pumpkin seed planting and “playing dress up,” donning clothing especially styled to help them imagine life on a long ago farm. Boys and girls delight in these high-energy excursions back in time.

During their two-hour experience, first grade students attending the *Dairy Culture* program learn how settlers made and used butter and other dairy goods to meet a part of their dietary needs. Through storytelling and first person interpretation, students “meet” Nancy Royer, a young woman who lived on this farm in the 1800s. “Nancy” helps the students “step back in time,” traveling onto her farm as she prepares to milk her cow.

Dairy Culture students visit the Royer milk house, churn cream into butter and make samples to take home. Some children are surprised to learn for the first time that butter comes... indirectly... from a cow!



Instructor, Lori Schlosser and students examine a plant during the environmental school program, Discovering Wetlands. Capital RC&D has sponsored the program, along with Lifesavers of the Chesapeake Bay, and has provided funding for two paid student internships. Photo by Tracy Holliday.

Whether 5 or 95, life-long learners best recall lessons that are delivered in a way that is concrete and meaningful to the student. Thanks to Pat and Jay Heefner, Renfrew Institute will continue to engage some of our youngest visitors with memorable experiences.

It’s our pleasure to help Pat and Jay honor their memories of these two important women who shared our collective desire to inspire curiosity and learning.

Capital RC&D—

Lifesavers of the Chesapeake Bay; Discovering Wetlands; and Funding for Two Student Internships

Cultivation is a term in frequent use at Renfrew Institute, in describing the historic four-square garden, in interpreting flax culture of the Pennsylvania Germans, in discussing historic foodways. But another “crop” we have

long recognized as valuable is the cultivation of partnerships.

This tradition has been especially rich around watershed activities. The list of partners over the last decade includes Antietam Watershed Association, Chesapeake Bay Foundation, Franklin County Planning Commission, Franklin County Conservation District, Washington Township, Dickinson College, Shippensburg University and recently added, **Capital RC&D Area Council**.

Resource Conservation and Development (RC&D) was originally administered by the Natural Resources Conservation Service (NRCS). It now operates independently of federal funding and administration but retains a good working relationship with NRCS in support of natural resource conservation. The RC&D program has regional “Councils” within 80% of the United States (including its territories), and there are more than 375 RC&D Councils nationwide.

The Capital Resource Conservation and Development (RC&D) Area Council is a locally led non profit that creates partnerships of citizens, businesses, agencies, and organizations in its seven county area to enhance the quality of life for those who live and work here. Serving the counties of Adams, Cumberland, Dauphin, Franklin, Lancaster, Lebanon and York, Capital RC&D networks resources and expertise into projects that promote the wise use and conservation of our natural and community resources.

The Council’s board of directors is comprised of three representatives from each county—a Conservation District designate, a County Commissioner representative and a Member-at-large. The organization also has an

(continued on page 27)

New Sponsorships *(continued from pg. 26)*

unlimited advisory membership that can come from a number of interests—PSU Cooperative Extension offices, other non-profits, planning and economic development agencies, park and recreation interests, as well as business and industry.

Susan Richards, Capital RC&D executive director, entered the institute's orbit through recent discussions centered on work underway to map the watershed using GIS technology.

"I am very impressed by the variety of programs and partnerships Renfrew Institute has developed to educate their neighbors and protect their watershed," Richards said.

This information is valuable to communities and municipalities as they strive to ensure the good health of their waterways as a source of drinking water, recreational venues and important coldwater fisheries.

Municipalities have come under new state and federal mandates to monitor and improve water flowing into the Chesapeake Bay, which is an economic engine for the region and a uniquely sensitive ecosystem.

This new partnership with Capital RC&D comes in the form of a sponsorship that will be divided among direct program support for institute school programs *Lifesavers of the Chesapeake Bay* and *Discovering Wetlands*, and the funding of two paid internships for eligible student interns engaged in GIS studies. [see article on page 17]

We're very excited about our partnership with Shippensburg University that is yielding fruit in the form of a steady stream of bright and capable students sharing their GIS expertise as they pursue their studies through internships. A portion of the grant from RC&D will permit the institute to attract and reward the brightest and most capable of those students in a way that seeds impact for the students and the community. We're grateful to be the organization that can serve as a "cultivator" of these rich and important partnerships.

Salamander Scramble Welcomes New Sponsors The Runner's Sole—

To say **Rick Meyers** loves to run is akin to saying that he loves to breathe...the man seems to need rapid

forward motion in the same way he needs air. Several years ago, Rick arrived unceremoniously to middle age, having remained intellectually aware of the relationship between an active life and good health. He had, however, strayed remarkably far from the days of his own athletic prowess, and wandered into unwanted extra pounds and a nasty cigarette habit.

Following an epiphany involving a talk with his daughter prior to a fifth grade basketball game, Rick ran in a different direction. He bought himself a pair of running shoes, kicked the smoking habit, and the rest, as they say, is history! His physique is now long and lean, and his athletic prowess rests on such stats as completing FOUR 24-hour races—yep, running for 24 hours!, NINE JFK 50 milers, setting a PR [personal record] at the 2010 JFK 50 of 7:11:51, mix in a couple of American Odysseys, some Hellgate 100k+s, and Mountain Masochist 50++ milers and, for the big enchilada, add Tom's Run, a 200 mile team building event relay (Potomac River on the C & O Canal towpath from Cumberland, Md. to Naval Hospital in Bethesda) that Rick ran as a one man team! This year alone, Rick ran three 100 mile races (March, June, July), and then added three 50 mile races within 4 weeks of one another, finishing with the JFK in November.

Rick is now proprietor of **The Runner's Sole**, a full-service running specialty store in Chambersburg, Pa. In typical Rick Meyers fashion (nothing in half measures!), the store offers not only a great selection of running apparel and accoutrements, but also provides high caliber educational opportunities for the running community. The Runner's Sole sponsors a race team, and Rick provides specialized individual coaching services. He is truly an amazing ambassador for the sport.

You can imagine our delight when The Runner's Sole agreed to sponsor Renfrew Institute's *Salamander Scramble 5K Fundraiser*. Rick seems especially fond of ultra events, many of which take place in some of the most beautiful natural settings in the world. As the institute engages area youth in environmental education, we're inviting young people to develop a relationship with the natural world that they'll enjoy throughout their lives, as

(continued on page 29)



Some members of Team Salamander 2011 assembled in the early morning of July 4 to "run, walk or scramble" over Waynesboro's Firecracker 5K race to benefit Renfrew Institute. See full story pgs. 12-13. The Runner's Sole in Chambersburg, WACCO and CFAR were new sponsors for the race this year.



Don't Miss It!

15th Annual Chesapeake Bay Supper Fund Raiser

"Super Crab" says—Mark your calendars now!—this event really IS all its "cracked up" to be!

Friday, June 22 • 6:00 pm
WAYNESBORO COUNTRY CLUB

Invitations will arrive in May. Tell your friends and come out & support Renfrew Institute with a great evening of food, fun & frolic!

Help us grow the bottom line on this fabulous fund raiser!
Wanna make a Big Splash?
Help underwrite this event with a sponsorship donation!
Call Tracy for details: 762-0373



AWA UPDATE

The Antietam Watershed Association had a productive fall season. At the October meeting of AWA, Rob Schnabel of the Chesapeake Bay Foundation spoke about new conservation opportunities for Franklin County farmers as part of the Chesapeake Alliance for Sustainable Agriculture.

On a lovely Saturday morning in October, about 45 people gathered to plant 400-plus trees in the Antietam Meadow Park, a 25-acre park west of North Welty Road along the East Branch of the Antietam Creek.

AWA partners with Washington Township in helping to maintain the park. Before heading into "hibernation" for the winter, AWA volunteers picked up trash along a two-mile stretch of Rattlesnake Run Road from Old Forge to Mentzer Gap Road. This November cleanup is an annual affair.

Many thanks go out to all those who support AWA, including Renfrew Institute, which provides a central hub for the stream monitoring crew. If you would like to know more about AWA, go to www.antietamws.org.

Pat Heefner



Four-square garden volunteers enjoyed a delicious gourmet meal in the restored farmhouse at Willow Pond Farm in Fairfield, Pa.

A Bountiful Gardeners' Dinner



A dedicated group of volunteers helped maintain the new Pennsylvania German Four-Square Garden last summer. They helped with the transition from the old garden, weeded and harvested.

As a thank you for their hard work, the group gathered for dinner at Willow Pond Farm in Fairfield, Pa.

The hosts, Tom and Madeline Wajda, led the group on a tour of their lavender farm, followed by a delicious dinner featuring seasonal foods.

Four Square Garden Volunteers:

- | | |
|--------------------------|-------------------------|
| Maxine Beck | Leitha Roundtree |
| Elaine Buhrman | Andy & Maggie Rovelstad |
| Mike Cannady | Richard & Pat Shew |
| Audrey & Melissa Foreman | Lisa Simpson |
| Gerti Hudson | Pat Vores |
| Linda King | Darlene Weddle |
| Justin & Chrissy Kint | |

New Board Members



Renfrew Institute welcomed three new board members in July. Shown left to right: Tim Parry, Anne Shepard and Jeremy Bowersox Inset: Terry Eisenhauer, who joined the board in November. Stay tuned—proper welcome to all four in the next issue of Streamside. Photos by Tracy Holliday.

New Sponsorships *continued from pg. 27*

hikers, anglers, rock climbers, boaters, and yes, maybe even ultra trail runners!

Rick reflects on the sport. “I feel that running is a very easy activity that anyone at any age or ability is capable of doing. Many of us only think of the long arduous hours of training for events such as the marathon or beyond, but in all reality, not every runner must attempt or train for a marathon,” he said.

“Running for a few minutes per day up to a few miles per day is enough to experience how this very inexpensive sport is the best weight management activity; something that anyone can do by just going out the front door; no expensive memberships are needed; it provides a sense of well-being; one can enjoy the camaraderie with like-minded people; enjoy nature; and it’s a positive activity when the youth of today can see the adults in their lives taking care of themselves.

“Contributing to Renfrew Institute’s Scramble event provides double satisfaction by investing in youth education while encouraging running in an ‘all comers’ setting.”

Mark your calendars now and plan to join us for the next *Salamander Scramble* on July 4, 2012. And if you see Rick Meyers, thank him for helping to boost our bottom line as we help young people stay active through a relationship with the natural world!

WACCO Properties, Inc. and CFAR

Bob Correll has a running story of his own. Describing



Bob Correll speeds toward the finish line in the Salamander Scramble 5K last July 4. Correll is vice president of WACCO Properties and co-founded local running group, CFAR. Both organizations were new sponsors of the 2011 Scramble. Photo by Tracy Holliday.

town. He was seen enough, in fact, that when seeking information for a winter running story, a *Herald Mail* reporter chose to interview Bob.

I recalled that article years later when brainstorming ideas for a solution to a funding shortfall in the institute’s budget. When I approached Bob (then serving on the

how, after running competitively as a youth athlete, through college, and later in the Marine Corps, he found himself out of breath when running with his own young brood in the backyard, Bob, too, turned to running as a means of reclaiming youthful vigor and restoring lost health.

And people noticed! Cutting a slim profile, Bob could be seen running all around

institute’s board) to measure his appetite for helping to organize a “run based” fundraiser, he seized the idea with gusto and replied, “I’ve always wanted to organize a running club in Waynesboro!”

Well, guess what...the *First Annual Salamander Scramble 5K* was launched, and from that charter team was born Waynesboro’s own non-profit organization dedicated to promoting running as a means of fitness. Now known as **CFAR (Community, Fitness, Fun, Friends and Running)**, the group boasts a community of more than 100 members.

Bob can be credited with the incubation of the *Salamander Scramble* fundraiser, annual recruiting (including all three of his own kids last year!) and tireless cheerleading. This year, he added sponsorship through **WACCO Properties, Inc.**, of which he is vice president.

WACCO is a privately owned and operated residential and commercial property management company serving the Waynesboro community since 1960.

In addition to overseeing WACCO operations, Bob is kept on the run providing leadership to CFAR. Since its inception, the club has created a website, hosted three years of uninterrupted Saturday 7 a.m. runs beginning at the YMCA, three annual family picnics, two annual winter awards ceremonies and offered moral support to countless runners’ individual efforts at events ranging from the Waynesborofest 5K and 1-mile Fun Run to the elite Boston Marathon and JFK 50.

In addition, CFAR has fielded teams in the American Odyssey Relay Race and hosted its own signature run, the 30K Gut Check, in September of 2010 and 2011. Members of CFAR can be seen doing good deeds throughout the area. In alignment with its mission, CFAR has made numerous community contributions that further health and wellness, including its sponsorship of the *Salamander Scramble*.

“We believe organizations like the institute (Renfrew) are what define our community. Helping to ensure its success in linking our cultural yesterdays to today and tomorrow is what we want to support. The *Salamander Scramble* is a neat way to support two passions—the institute, and running.”

It’s a touching testament to rich relationships across friendly overlapping organizations that this brand new entity, born from a then nascent fundraiser, can step up as a contributing supporter. We at the institute feel a special connection to CFAR. Several institute staff members are also club members.

We extend deep gratitude to Bob and WACCO for their sponsorship, and to CFAR members for their support of Renfrew Institute in the form of club members who populate and donate to Team Salamander, and for this welcome financial contribution.



Late Winter/Spring 2012 Calendar of Events

All events supported in part by Today's Horizon Fund contributors:

APX Enclosures, Inc., The Carolyn Terry Eddy Family: Carolyn, with daughters Connie Fleagle & Kim Larkin; PenMar Development Corporation; and the Nora Roberts Foundation.

Annual Spring Lecture Series

1812: Waynesboro and the War

(The Impact, The Lifestyle and The Music)

Thursdays, February 2 & March 1, and Wed., April 11 at 7 p.m.
Visitors Center, Renfrew Park, Waynesboro

Underwriting support provided in part by the Pennsylvania Humanites Council, and by Charles & Undine Warner
Commemorating the 200th anniversary of the War of 1812.

- **1st Lecture**—Thursday, February 2, 7 p.m.
Darwin Seiler presents "The Build Up to the War of 1812"
- **2nd Lecture**—Thursday, March 1, 7 p.m.
Maxine Beck & Marie Lanser Beck present "Children of the Conflict: Waynesboro's Youth in 1812"
- **3rd Lecture**—Wednesday, April 11, 7 p.m.
David K. Hildebrand presents "War Songs: The War of 1812 as Told Through Ballads"
Detailed lecture information is on our Adult/Teen Education flyer, enclosed in this newsletter. The flyer is also available online at www.renfrewinstitute.org on the Calendar page.

Telescope Clinic

Saturday, February 4, 2012, 10 a.m. to 2 p.m.

Visitors Center, Renfrew Park, Waynesboro
Underwriting support provided by Marge Kiersz, and by Center Square Real Estate Settlement Services, Inc.

Renfrew Institute, in partnership with the Tri-State Astronomers Club, is hosting a "telescope clinic" designed to help those interested learn how to maximize their use of a telescope. Free, but registration is required. Bring your own telescope.

Astronomy Program—THE SUPERNOVA

AT THE END OF THE UNIVERSE:

How Astronomers Discovered Dark Energy

Thursday, February 16, 2012, 7 p.m.

Visitors Center, Renfrew Park, Waynesboro
Underwriting support provided by Marge Kiersz, and by Center Square Real Estate Settlement Services, Inc.

Dr. Larry Marschall, Gettysburg College physics professor discusses the cosmic force of repulsion that is known as "Dark Energy," and how astronomers discovered its presence and the acceleration of the universe by studying exploding stars called supernovas. In cooperation with Tri-State Astronomy Club. Free.

Creatures of the Night: Owl Walk for Adults

Thursday, March 15, 6 p.m.

Meet at Visitors Center, Renfrew Park, Waynesboro
Underwriting support provided by Marge Kiersz, and by Center Square Real Estate Settlement Services, Inc.
Naturalist Lori Schlosser conducts this outdoor walk to areas of Renfrew Park likely to attract owls. A brief pre-walk information session included. Ages 15 & up. Free, pre-registration required.

Bird Walks at Renfrew

Saturdays in April & May, 7:30–10 a.m.

Naturalist Jack Olzewski leads bird walks along the hiking trails at Renfrew Park. Walks begin at Renfrew's lower parking lot off Welty Road. Participants should wear comfortable walking shoes and may bring identification books and binoculars. Free.

Annual Fun Fly

Saturday, April 14, 10 a.m.–4 p.m. (Date to be confirmed)

Underwriting support provided by Buchanan Auto Park
Free kite flying (all ages) with expert flying help, in the meadow behind the museum house at Renfrew Park. Bring your own kite.

7th Annual Recycle/Reuse Earth Day Yard Sale

Saturday, April 28, 9 a.m.–3 p.m.

Underwriting support provided by Antietam Eye Associates, Advance Auto Parts, Dru's Books N' Things, First National Bank of Mercersburg, Mother Martin's Coupons & Total Vac
Combined with Earth Celebration Day. Rent a space at Renfrew Park, bring your own table and sell off your discarded "stuff"—make extra cash for yourself, your family or your organization.

Earth Celebration Day & Festival of Art

Saturday, April 28, 11 a.m.–4 p.m.

Underwriting support provided by Angela Grove Weagly in memory of Joyce L. Ceyler and in honor of Richard D. Ceyler, and by Millennium 3 Energy

Renfrew Institute celebrates spring with environmental exhibits, music, student clothesline display, food stand, and drum circle. At the **Festival of Art** area artists will display, demonstrate, and sell their works as part of Earth Celebration Day. Supervised art activities for children. Free admission. Rain site: Waynesboro Area Middle School.

Renfrew Rocks! Geology Seminar & Field Trip:

So You Want to Be a Geologist? (NEW—2012 Version!)

Seminar: Wednesday, March 14, 7 p.m.

Family Field Trip: (Western Md.): Sat., May 5, 8:30 a.m.–6 p.m.

Underwriting support provided by Marge Kiersz, and by Center Square Real Estate Settlement Services, Inc.

In partnership with the Franklin County Rock & Mineral Club.

Seminar: Join in the fun of learning what a geologist does—this will be one of the most "down to earth" programs you've ever attended. Presented by geologist, Jeri Jones. Free.

Field Trip: Explore geology of Western Maryland. Fossil sites included. Transportation via coach bus only, provided. Pre-registration required. Fee: Adults (age 15 & up) \$50; children (age 7-14, with paying adult) \$15. \$5 per seat discount for RI members (at \$25 level) and their children or grandchildren.

Wildflower Workshop:

A Pennsylvania German Wild Bouquet

Thursday, May 17, 6 to 8 p.m.

Meet at Visitors Center for check-in; program conducted in the Four Square Garden, Renfrew Park, Waynesboro
Underwriting support provided by Marge Kiersz, and by Center Square Real Estate Settlement Services, Inc.

Meet with staff biologist, Dr. Doris Armstrong Goldman, at our new 4-square garden. Focus is on Pennsylvania German names for, and folklore about, some of our local wildflowers. Expert advice on plants best for your own landscape. Growing information, divisions of several wild flowers, and info on buying native plants. Workshop fee: \$20/members of RI, \$25/non-members. Pre-registration required. Ages 15 and up. Limit 20.

Youth Festival 2011

Sunday, May 27, 1–5:30 p.m.

Underwriting support provided by Susquehanna Bank

A celebration of youth with workshops, demonstrations, activities, exhibits and entertainment. Full day of fun for kids. Admission is free. Pre-registration for workshops. Rain site: Waynesboro Area Middle School.

For program & event details, call 717-762-0373
or email us at: renfrewinst@innernet.net
Check www.renfrewinstitute.org for updates
and to get our Adult/Teen Education flyer.

Landowner Database *continued from pg. 17*

This information—including landowner name, mailing address, physical address, property type, and phone number (if available), was entered into an Excel spreadsheet. Using a software package called ArcGIS 10, the Excel spreadsheet was “joined” to the spatial parcel points to associate each landowner with specific property parcel points.

One final step remained before this project was officially complete—finding an efficient way to use the landowner database. Since most users do not have access to the expensive ArcGIS software, we needed to find a way to convert the database into a cheap, easy to use file format.

After some discussion with Dr. Claire Jantz from Shippensburg University and with Melodie Anderson-Smith from the Renfrew Institute, it was determined that exporting the ArcGIS geo-database into a Google Earth KMZ file—only available to authorized users—would be the best alternative.

With this file format, the user would download Google Earth (free) onto their computer, then click on the database file, which automatically opens in Google Earth. A series of red squares will be displayed on the landscape. Each of these red squares constitutes a parcel point. Whenever one of the parcel points (red square) is clicked, a window pops up that gives landowner information for that parcel. [See image on pg. 17]

A Spatial Perspective on Stream Water Quality in the Antietam Watershed

Although finishing up the landowner database occupied most of my internship time, I established a small secondary objective to help build onto the projects of Renfrew Institute’s other summer interns, who are also from Shippensburg University.

Interns Bobby Rush and Bethany Bechtel performed research on areas of the West Antietam Branch and East Antietam Branch, respectively. Refer to their articles in this issue of *Streamside* for a description of their work.

While most of their work consisted of research and monitoring of each branch separately, I felt that an overall look at the spatial patterns of the entire Antietam watershed would be a fitting conclusion. There were several steps to completing this secondary project.

One important step was obtaining the geographic coordinates of all of the water monitoring sites in the watershed. Bobby Rush helped accomplish this task by employing Google Earth to determine the coordinates. These coordinates were then used to create the spatial water monitoring sites using the ArcGIS software mentioned earlier.

After the spatial locations of all of the water monitoring sites were determined, water monitoring data could be added to specific sites. These data were collected by Bobby Rush, Bethany Bechtel, and many other volunteer water monitors, and compiled into an Excel spreadsheet.

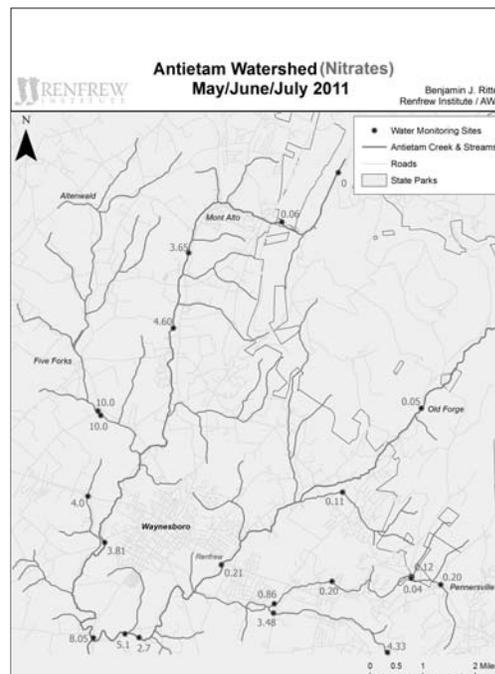
The water monitoring data were summarized so that each monitoring station had one average reading for May, June and July of 2011. This was done because not all of the stations had a reading for each of these months. If only one reading was recorded in these three months, then that value was recorded. If two or more months were recorded then the average of those values were used. This ensured that each monitoring station had one set of data complementing it.

After each monitoring station had a set of data associated with it, I used ArcGIS to “join” the Excel file to the spatial water monitoring site points. Three separate maps were created showing the spatial pattern of the water pH, alkalinity, and nitrate levels across the Antietam Watershed, creating a “snapshot” of May, June, and July 2011. [See image below.]

Due to time limitations, we were not able to thoroughly analyze the results on these maps. However, they provide a starting point for future interns, and can be used to compare data for future months, years and seasons in the Antietam Watershed.

In conclusion, I would like to thank Melodie Anderson-Smith and all the staff members at Renfrew Institute for the amazing opportunity of this internship. I would also like to thank my faculty internship adviser, Dr. Claire Jantz, and my fellow interns Bobby Rush and Bethany Bechtel for their hard work this summer.

It is my hope that the work completed this summer will help Renfrew Institute and the Antietam Watershed Association in their goal to preserve the Antietam Watershed, and that it will also serve as a stepping stone for future research by interns from Shippensburg and other universities. ❁



Based on data collected by water monitoring volunteers, this map shows average nitrate levels at various water monitoring points throughout the Antietam Watershed during May, June & July 2011. Similar maps show pH and alkalinity levels. Image courtesy of Benjamin J. Ritter.

Members & Sponsors *continued from page 9*

Educator (continued) (\$25 to \$99)

Emma Lohman
Concetta Maryjanowski
Susan & Tom Murphy
Tom & Alice Noll
Beckie & Joe Sariano
Savoy Catering Service, Inc.
Janet Smedley
Cindy & Terry Sullivan
Drs. Toothman & Barra,
Orthodontics
V.F.W. Post 695
Mrs. Sarah K. Zimmerman

Organization Exchange

The Accokeek Foundation
Alliance for the Chesapeake Bay
Antietam Fly Anglers
Antietam Watershed Assoc.
Conococheague Institute
The Discovery Station
Franklin Co. Planning
Commission
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

Student (\$10)

Elinor Borrell

SPONSORS

2010–11 AND 2011–12

APX Enclosures, Inc. -
*Today's Horizon Fund, Trail
of Trees*
Advance Auto Parts -
Recycle/Reuse Yard Sale
Advanced Chiropractic Foot
& Ankle Care - *Salamander
Scramble*
Advanced Financial Security,
Inc. - *Chesapeake Bay Supper
Fundraiser*
Anonymous - *Four Squares:
Pennsylvania German
4-Square Garden*
Anonymous - *Adult Education
Lectures & Workshops*
Anonymous - *Royer Legacy*
Anonymous 'Green the Event' -
Salamander Scramble
Anonymous Friend -
Salamander Scramble
Antietam EYE Associates -
Recycle/Reuse Yard Sale
Beck Manufacturing, Inc. -
Discovering Wetlands
Leonora Rocca Bernheisel
(Mary's Delight Farm) - *Wool
Culture, Royer Legacy
& Faculty Chair*

Bonded Applicators, Inc. -
Royer Legacy
Buchanan Auto Park -
Annual Fun Fly (kite fly)
Capital RC&D Area Council -
*Student internship, Discovering
Wetlands, Lifesavers of the
Chesapeake Bay*
Center Square Real Estate
Settlement Services - *Adult Edu-
cation Lectures & Workshops*
CFAR - *Salamander Scramble*
Cinetic Landis/Fives Group -
Jazz Festival
The Columbia Bank -
Wake Up Earth, It's Spring
Corporate Office Properties
Trust - *Discovering Wetlands*
Craig, Friedly, Potter & Moore
Insurance - *Discovering
Wetlands*
Custom Sign Studio -
From Field to Table
Denny's Garage - *Chesapeake
Bay Supper Fundraiser*
Dru's Books N' Things -
Recycle/Reuse Yard Sale
Greg & Debi Duffey -
From Field to Table
Carolyn Terry Eddy Family:
Carolyn, with daughters
Connie Fleagle & Kim Larkin -
Today's Horizon Fund
F&M Trust Co. - *From Field to
Table, Wake Up Earth, It's Spring*
First National Bank of
Mercersburg - *Recycle/Reuse
Yard Sale*
Foreman's Rare Coins -
*Chesapeake Bay Supper
Fundraiser*
Franklin Co. Visitors Bureau -
Jazz Fest
Franklin Co. Rock & Mineral
Club - *Special sponsorship
support, Adult/Teen Education*
Nancy Erlanson & Don Gibe -
*Lifesavers of the Chesapeake
Bay*
Steve Graham, in memory of
Virginia Steck Graham -
Discovering Wetlands
Grove-Bowersox Funeral Home
- *Fall Walk*
Hadley Farms Bakery -
Recycle/Reuse Yard Sale
Hamilton Hyundai - *Jazz Fest*
Hamilton Nissan - *Jazz Fest*
Pat & Jay Heefner - *Once Upon
a Farm & Dairy Culture*
Johnson Controls, Inc. -
*Lifesavers of the Chesapeake
Bay*
William & Kathleen Kaminski
- *Fall Walk*
Marge Kiersz - *Adult Education
Lectures & Workshops*
Dennis L. Koons of Raymond
James Financial Services -
Streamside
Land O'Lakes Mid-Atlantic
Grants Program Foundation -
Dairy Culture

Doris R. Large, in memory of
J. Warren and Jessie O. Large
- *Park Ranger Training
Program, Earth Encounters*
Cheryl Larson & Deb Matthews,
in memory of Colleen
Larson & in honor of Frank
Larson - *Streamside*
Lochstampfor Funeral Home -
Streamside
M & T Bank - *Four Squares:
Pennsylvania German
4-Square Garden, Pumpkin
Festival*
Manitowac Crane Group -
Home Sweet Home
Martz Plumbing, Heating &
AC, Inc. - *Streamside*
Chet & Betsy Mauk - *Bay
Supper Fundraiser*
Alice Mellot - *Streamside*
Mercedes Benz of Hagerstown
- *Four Squares: Pennsylvania
German 4-Square Garden*
Millennium 3 Energy - *Earth
Celebration Day & Festival
of Art*
Mont Alto Family Care -
Pumpkin Fest Trebuchet
Noelker & Hull Assoc. Inc. -
*Chesapeake Bay Supper
Fundraiser*
Patricia O'Connor -
Streamside
PA Partners in the Arts -
Jazz Festival
Patriot Federal Credit Union -
Halloween Storytelling
Betsy Payette - *Flax Culture*
Mary Ann Payne, in memory
of Helen Herr Moyer -
Wonderwalks for Preschool
PenMar Development Corp. -
Today's Horizon Fund
Lucinda D. Potter, CPA -
*Sidney's Wonder Web &
Streamside*
RaceWax.com LLC - *Fall Walk*
Estate of Edna Rice -
Marvin Visits Earth
Bernie & Rosemarie Roberts,
in memory of Harry D. Catts -
Earth Encounters
The Nora Roberts Foundation -
Today's Horizon Fund

Jeff, Shirley & Kelsey Rock -
*Lifesavers of the Chesapeake
Bay*
Rotary Club of Waynesboro -
Wake Up Earth, It's Spring
The Runner's Sole -
Salamander Scramble
Savage Family Pharmacy -
Bay Supper Fundraiser
Sheetz, Inc. -
Once Upon a Farm
Dr. & Mrs. Ronald F. Shultz -
*Chesapeake Bay Supper
Fundraiser*
Law Office of Anne M.
Shepard - *The Royer Legacy*
State Farm Insurance Co. -
*Marvin Visits Earth, Bay
Supper Fundraiser*
Dr. John Stauffer - *Flax Culture*
Susquehanna Bank - *Youth
Festival*
Total Vac - *Recycle/Reuse
Yard Sale*
Tower Bank - *Dairy Culture*
Quang & Tammie Tran/Mes
Reves - *Salamander Scramble*
TruCut Lawn & Landscape
LLC - *Salamander Scramble*
WACCO Properties, Inc. -
Salamander Scramble
Walmart Foundation -
Flax Culture
Charles & Undine Warner -
*Adult/Teen Education Lecture
Series*
Ed & Marcia Warren, Mother
Martin's Coupons - *In-kind
support, Recycle/Reuse Yard
Sale*
Waste Management Inc. -
Water Striders (after school
program)
Waynesboro Area Education
Association - *Fall Walk, From
Field to Table*
Waynesboro Lions Club -
Discovering Wetlands
Angela Grove Weagly, in
memory of Joyce Grove
Ceyler & in honor of
Richard D. Ceyler - *Earth
Celebration Day & Festival
of Art*
West Penn Power - *Bay
Supper Fundraiser*

Membership Meetings Announced Renfrew Institute Election Meeting:

Monday, April 16, 2012 • 6:30 PM • Visitors Center
Institute members in good standing are invited to
participate in the election of new board members. The slate
of candidates has not been finalized as of this printing, but
will be available upon request prior to the meeting.
Call 717-762-0373 or email renfrewinst@innernet.net [NOTE:
Suggestions for future nominees can be made by contacting
a member of the Nominating & Governance Committee.]

Annual Meeting:

Monday, July 16, 2012 • 6:45 PM • Visitors Center

Nature — the Gentlest Mother is,
by Emily Dickinson

Nature — the Gentlest Mother is,
Impatient of no Child —
The feeblest — or the waywardest —
Her Admonition mild —

In Forest — and the Hill —
By Traveller — be heard —
Restraining Rampant Squirrel —
Or too impetuous Bird —

How fair Her Conversation —
A Summer Afternoon —
Her Household — Her Assembly —
And when the Sun go down —

Her Voice among the Aisles
Incite the timid prayer
Of the minutest Cricket —
The most unworthy Flower —

When all the Children sleep —
She turns as long away
As will suffice to light Her lamps —
Then bending from the Sky —

With infinite Affection —
And infiniter Care —
Her Golden finger on Her lip —
Wills Silence — Everywhere —

Errata:

the following contributions were incorrectly listed
in the last issue. Our apology for the error.

Beyond the Wish List... Thank You, Too!

- ❖ **Carol & Alan Young/Mountain Valley Real Estate, on behalf of Joseph Young:** Collection of bird eggs in glass-lid case along with an insect collection mounted in 4 display jars. These collections have been forwarded to the biology department at Shippensburg University where they were warmly received by Dr. Nathan Thomas & Dr. Gregory Paulson.
- ❖ **Alan Young/Mountain Valley Real Estate:** Collection of East Coast beach sand samples. These samples have been forwarded to RI member Bruce Rowland to use in his science classes at Carlisle High School.



WELCOME

New Members!

Note: New members sponsoring specific programs are listed under *Gifts—New Sponsorships* on page 7.

Anne & Jim Aden	Mark & Sarah Klink
Clinton & Amy Barkdoll	Manitowac Crane Group
Jeremy & Andrea Bowersox	Rick Meyers~
Joy Brown	The Runner's Sole
Capital RC&D Area	Millennium 3 Energy
Council, Inc.	Richard & Barbara Rook
Denny's Garage	Jodi & Pascal Schwarzer
Jeremy Dowler & Family	& Family
Terry & Debra Eisenhauer	Anne Shepard
FirstEnergy	& Patrick Minnick
Kirsten Hubbard	Waynesboro Running, CFAR
	Yvonne & Andrew Yoder



A Gift in Memory of Margaret Keller

Thank you to **Steve Graham** for his recent gift in memory of Margaret Keller. "Margie" Keller was a special friend of Renfrew Institute and Renfrew Museum and is remembered fondly by all who knew her. The Margaret Keller Memorial Program Fund, now held within the Endowment Fund, helps provide a solid financial future for Renfrew Institute.

RENFREW INSTITUTE BOARD OF DIRECTORS

Maxine Beck, *President*
Wayne S. Martz, *Vice-President*
Patricia A. Shew, *Treasurer*
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Rochelle L. Barvinchack
Jeremy Bowersox
Caroline Dean
Terry Eisenhauer
Steve Graham
Matt Gunder
Phil Kelly
Jason Levick
Tim Parry
Lucinda D. Potter
Dave Secor
Anne M. Shepard

RENFREW INSTITUTE STAFF

Melodie Anderson-Smith, *Executive Director*
Sherry Hesse, *Director of Cultural Studies*
Tracy Holliday, *Assistant Director/Grants Administrator*
Beverly McFarland, *Accounts Manager*
Andrea Struble, *Director of Public Relations*
Doris Goldman, *Faculty*
Nancy Hall, *Faculty/Water Striders Instructor*
Stephanie Kober, *Faculty*
Robert J. North, *Faculty*
Pamela Rowland, *Faculty*
Lori Schlosser, *Faculty*
Beth Skroban, *Faculty*
Nora Slick, *Faculty*

Organization & Volunteers *continued from pg. 16*

- Pat Shew (RI Board, rec'd county proclamation)
 - Ian Skroban (WaterStriders)
 - Tom Smith (Rock and Mineral Club)
 - Judith Spanomanolis (Trego Mountain Sanctuary)
 - Alex Surcica (Penn State Extension Pollinator Display & bumblebee colony)
 - Megan Warner (A Lily Pad Floral Affaires)
 - Angela Weathers (Franklin Co. Master Gardners)
 - Pandy Yeakle & Doug Stine (Cumberland Valley Chap. #27 Soc. of PA Archaeology)
 - Michelle Zeigler (Matthew Zeigler General Contractor, Solatube)
 - Bob Ziobrowski (Franklin Co. Commissioners)
- Festival of Art**
- Mary Alice Baumgardner (author/artist)
 - Jacqueline Bayer (jewelry & visual art)
 - Denny Bingaman (wildlife photography)
 - Blue Ridge Knitters
 - Becky Dietrich (Presenter—Environmental Artistry Award)
 - Ellen Dorosh (Ellenweaves)
 - Matt Elden (Wire Edge Creations)
 - Arthur and Sara Gernand (hypertufa planters)
 - Wendy Spicer Heiges (beads, jewelry, frames)
 - Jodi Iskra (Heart J Creations)
 - Michael McIntyre (FireRobin Farm Pottery)
 - Bob Morrow (Environmental Artistry Award recipient)
 - Anita Pfeuffer (Scherenschnitte-scissor cutting)
 - Kathleen Renninger (fine art)
 - Patric Schlee (Earthsong Windchimes)
 - Carol Smith's Art Gallery (original painting & face painting)
- General Volunteers (Earth Day/Art Festival)**
Barvinchack Family (Rochelle, Shawn, Quintin, Peyton)
Luke Baumgardner
Bryan Ellis
Jasmine King
A.J. Kober
Nikki Marjarym
Sarah Markins
Wayne Martz
Ashley Nicley
Paige Phillips
Sarah Poole
Fawn Reid
Daniel Schade
Greg Slick
James Smith
- Tom Wynkoop
Youth Festival 2011
Kathy Bourdeau (Co-chair)
Kim Sheffler (Co-chair)
Traci Walizer (Co-chair)
Beth Angle
Preston Dunn
Cookie Beck
Kim, Dan, Moriah, Jenny, Abigail & Danielle Sheffler
Maxine Beck
Kathy, Henry & Lucy Bourdeau
Mike Dudash/River and Trail Outfitters
Dottie Fawks
The Frantz Family
Carol Ann Henicle
Patty Hills
Laura Koons
Emily Ledden
Karen Manderson
Tom McFarland
Jill & Betsy Morningstar
Amber Naugle
Anita Pfeuffer
Nora Slick
The Walizer Family (Traci, Todd, Tobiah & Titus)
Waynesboro Children's Theatre Troupe
St. Andrew Youth Group
- Jazz Festival 2011**
Andrew Sussman (Chair/Jazz Consultant)
Steve & Maxine Beck
Caroline Dean
Debi & Greg Duffey
Pat Fleagle
Carol Ann Henicle
Emma Lewis & Justin Baker
Matt Gunder
Jason Levick
Wayne Martz
Bev McFarland
Ed Miller
Red Mohn
Amber Naugle
Tim Parry
Patric Schlee
Dave Secor
Anne Shepard & Patrick Minnick
Pat & Richard Shew
Sally Sussman
- Halloween Storytelling**
Jennifer Vanderau, *Teller*
Maxine Beck
Jason Levick
Lori & Kurt Schlosser
Krista Serpi
Nora Slick
- FUND-RAISING EVENTS**
Earth Day Recycle/Reuse Yard Sale 2011
Bonnie Bachtell
Sandy & Rob Beaumont
Maxine Beck
Liane Benchoff
Bob & Terri Dee
Caroline Dean
Marc Desrosiers
Benita Ditch
- Debi and Greg Duffey
Matt Gunder
Pat & Jay Heefner
Sherry Hesse
Erin & Raffaele Kissoon
Phil Kelly & Christina Thompson
Allie Kohler
Denny & Katie Koons
Emma Lewis & Justin Baker
Nikki Marjarum
Red Monn
Lynn MacBride
Wayne Martz
Candy McCauley
Kristen Oldham
Ginny Parks
Mandy Pearson
Debbie & Bill Pflager
Sarah Poole
Dave Secor
MaryEllen Selvaggio
Marc Shea
Pat & Richard Shew
Nora Slick
Jo Spigler
Cassidy Stull
Sue & Ron Von Rembow
Sara & Neil Yost
Judy Zafft
Bob & Linda Zimmerman
- Chesapeake Bay Supper 2011**
[PLEASE SEE COMPLETE LIST OF BAY SUPPER VOLUNTEERS, PATRONS AND SPONSORS, PAGE 6]
- Salamander Scramble 5K Run Team Salamander 2011**
Mike Amsler
Melodie Anderson-Smith
Tom, Stacey, Monica & Ashlyn Beck
Michelle Benchoff
Bea Boccalandro
Jeremy Bowersox
Wayne Buhrman
Stephen Bui
May Cao
Minh Cao & Ya-Chuan Yu
Ali, Bob, Jack & Timothy Correll
Wayne Driscoll
Lori & Abigail Eigenbrode
Najiah Faour
Nancy Hall
Tracy Holliday
Shyanne Hurley
Elena Kehoe
John, Kody & Tiffani Kelley
James Kim
Daryl Lehman
Diana & Greg Lyon-Loftus
Kenneth Lopez
Bobby and Tu Mai
Will and Hannah Manning
Andrew, Kristie, Abram & Levi Moats
Heather, Mark & Allison Monn
Erica Price
William Pflager
Dustin Sanders
Kurt, Sarah & Lori Schlosser
Kathy Seiler
- Ashlyn, Alexis, David, Janelle & Vanessa Shockey
Beth, Fred, Frederick & Ian Skroban
Vicki Stinebaugh
Rodney Teach
Quang & Tammie Tran
Samantha Wade & Ethan Mankins
Stephen, Cheyanne, & Sierra Wagner
RheeAnna Walters
- Salamander Scramble Committee:**
Bob Correll (Chair)
Stephen Bui
John Kelley
Fred & Beth Skroban
Diane Wilson
- Salamander Scramble Volunteers**
Rochelle & Peyton Barvinchack
Elaine Buhrman
Pat & Jay Heefner
- Pumpkin Festival 2011**
Debbie Pflager (Co-Chair)
David Hykes (Co-Chair)
AARP South Chapter
Lisa Angeski
Melodie Anderson-Smith
Antietam Ford Tractor B Equip, Inc./Frank Beckner
Bonnie Bachtell
Megan Baker
Linda & Terry Barkdoll
Rochelle & Shawn Barvinchack
Luke Baumgardner
Grace Baylor
Rob Beaumont
Brian Beck
Cookie Beck
Marie & Ed Beck
Maxine Beck
Jessica Beishline
A.J. Benchoff
Liane Benchoff
Marilyn Bender
Lacey Bennett
Richard J. Berklite
Leonora Bernheisel
Lindsay Besecker
Jane Birt
Garrett & Elena Blanchet
Shannon Brose
Phyllis Brothers
Grace Brown
Megan Brown
Nancy Brown
Alfred Brubaker
Doug Burkholder
Brianna Camer-Cheney
Nathaneal Chastain
Brooke Christy
Peter Coffman
Amanda Compton
Anne & Bill Conrad
Susan & Frank Conway
Brian Cook
Carol & Rich Cool

(continued on page 35)

Organization & Volunteers

continued from pg. 34

Neil Davidson
 Haley Davis
 Jim, Judy, Timothy Diller
 Austin Duffey
 Debi Duffey
 Beth Elburn
 Emily Elden
 Jessica Elden
 Judy Elden
 G. Matt Elden
 Ashley Eminizer
 Dottie Fawks
 Karen Fitzgerald
 Twila Flohr
 Eric Foreman
 John & Jean Frantz
 Courtney Friese
 Garden Club of Waynesboro
 Barbara Gaydick
 Mark Gayman
 Doris Goldman
 Charlene Good
 Cara Goughenour
 Matthew Grimm
 Brandon Hahn
 Tyler Halcomb
 Nancy Hall
 Pat & Jay Heefner
 Carol Ann Henicle
 Ashley Hepfer
 Dick & Joann Hersh
 Siegfried Herzog
 Sherry Hesse
 Tracy Holliday & Kevin
 Ledden
 Hannah Holscher
 John & Connie Huet
 Carla Hurley
 David & Diane Hykes
 Ruby Hykes
 Bonnie Iseminger
 David Jarrett-Rico
 Tifeni Judy
 Jeana Kahler
 Phil Kelly
 Jill Kessler
 Kenneth King
 Martha Baylor Kirby
 George Kirk
 A.J. Kober
 Steph Kober
 JoAnn & Allie Kohler
 Chyenne Koons
 Carolyn Krouse
 C. David Layman
 Jason Levick
 Lynn MacBride
 Nancy Mace
 Bobby Mai
 Erin Malitsky
 John, Jean & Steve Martin/
 Ivy Hill Farm
 Wayne Martz
 Andrew McAllister
 Barbara & Don McBride
 Jean McBride
 Alice McCleaf
 Mary Kay McCleary
 Bev McFarland
 Ed & Ann Miller
 Laura Mohn
 Red & Wendy Mohn

Clay Moyer
 Amber Naugle
 Sherry Newcomer
 Alice Noll
 Jackie Noll
 Bob North
 Evelyn Oliver
 Austin Olson
 Stephanie Palme
 Judy Papoutsis
 Tim Parry
 Bill Pflager
 Amanda Poole
 Virginia Rahn
 Morgan Reed
 Bill & Lois Reynolds
 Jeff & Bonnie Rhodes
 J. D. Rinehart/Rinehart
 Orchards
 Barb Rock
 Mary Rocks
 Elissa Rogers
 Pam & Bruce Rowland
 Amra Saric
 Lori & Kurt Schlosser
 Megan Schmidt
 Kyle Schoeneberg
 Bill Shank
 Nitika Sharma
 Helen Shelley
 Anne Shepard
 Pat Shew
 Brian & Barb Shook
 Cammron Shorb
 Lee Showalter/Five Forks
 Fruit
 Nicole Simmers
 Beth Skroban
 Darleen & Harold Smith
 Kim Smith
 Krysten Sourbier
 Taylor Sprenkle
 Diane Stadler
 Eunice Statler
 Doug & Debbie Stine
 Colin Swain
 Dottie Taylor
 Katelyn Thomas
 Kerrie Toms
 Sue VonRembow
 Dottie Walter
 Angela Grove Weagly
 Waynesboro College Club
 Eric Wengert
 Abby Whitaker
 Greg White
 Kathy White
 Katie Will
 Tom & Linda Wynkoop
 Sarah Young
 Linda & Bob Zimmerman

*Thanks...
 for helping
 us grow.*

¡Muchas Gracias! to Helping Hands



The institute is fortunate indeed to have so many friends willing to make contributions that enhance the ways in which we are able to work and fulfill our mission.

Steve Graham has put his heel to the ground on the trails of Renfrew Park, savoring each

discovery made through countless seasons. In an effort to help others enjoy the trails in a way that satisfies the wish to answer, "What's that flower, or bug, or bird," Steve has built a collection of nature guides for use by park visitors.

Housed on a rack (also donated by Steve) inside the Visitors Center, the field guides are available on the "honor system." Nature enthusiasts may simply sign them out for use here in the park, and return them at the end of their walk.

Andy Rovelstad handcrafted a beautiful wooden compost bin for the four-square garden.

Sally Sussman, Elena Kehoe, Beckie Sariano, Peggy Weller, Kathleen Kaminski and Bea Bocalandro conducted an "ergonomic intervention" by choosing, purchasing and delivering a brand new office chair.

Blaine and Millie Holliday also purchased and delivered a gently used office chair. Grateful institute staff members pressed both comfy seats immediately into service.

An **anonymous donor** has provided generous funding in support of the institute's website upgrades.

Pat Heefner assisted with preparation of teacher materials for institute school programs.

Susan Matson organized basketry supplies.

Wayne Martz (Facilities Comm. Chair) gave his attentive care to several institute facility tasks. Upon noticing the need for attention to the entryways of both lower doors at the Fahnestock Barn in the wake of groundhog activity, Wayne not only laid tidy brick thresholds at each entry, but also undertook a campaign to eradicate groundhogs from the site (at least temporarily!).

Amber Naugle created a colorful and festive banner used at events (Earth Celebration Day, Jazz Festival, Pumpkin Festival) and helped to hang it on event days.

Mary Ann Payne continues to work on the institute's archives, *EarthSeekers* awards, star necklaces for first grade program, *Marvin Visits Earth* and other program related tasks.

Tom Wynkoop assisted with the groundhog eradication project at the Fahnestock Barn and helped with the installation of the flagstone threshold under the four-square garden gate.

Tom Rahn, Pete & Carol Bailey "filled in" as leaders for last spring's 2011 Saturday morning bird walks.

Lori & Kurt Schlosser created a lashed rope closure for the four-square garden gate.

Our Wish List...

- ❖ Book: *Eastern Birds' Nests* by Hal H. Harrison, a Peterson Field Guide.
- ❖ Book: *The Founding Gardeners* by Andrea Wulf
- ❖ Book: *Planting the Wild Garden* by Kathryn O. Galbraith, illustrated by Wendy A. Halperin.
- ❖ Scissors—adult size, office quality (could use up to 4 pair)
- ❖ Gallon ice cream buckets with lids
- ❖ Additional underwriting sponsors for this newsletter, educational programs or community events
- ❖ Funding of \$100 to purchase a floor mat for the Fahnstock House entryway.
- ❖ Funding (any amount) for purchase of textile equipment for school programs. Staff will select from the following: spool rack, bobbins, electric bobbin winder, tension box for warping.
- ❖ Funding for a Renfrew Institute membership/certification in any one of the following: Monarch Watch (\$33), National Wildlife Foundation Backyard Habitat (\$30), The Xerces Society (\$50).

Wish List "Thank You's"

- ❖ **Sandy & Rob Beaumont:** Fellowes 12.5-inch thermal laminator. This item appeared on a non-profit wish list in the *Herald Mail* newspaper recently. The Beaumonts saw it and ordered the laminator for us!
- ❖ **Elizabeth Mose:** Funding for purchase of digital camera. Elizabeth donated the \$ last spring. Now, after much research, we bought just the right camera for our needs... the Canon PowerShot Elph 100!
- ❖ **Karen Manderson:** Fabric scraps for kindergarten program *Once Upon A Farm*.
- ❖ **Angela Grove Weagly:** Cash donation to help defray the cost of replacement period clothing items for instructors.

Beyond the Wish List...Thank You, Too!

- ❖ **Carol Bailey:** Book: *Early American Gardens* by Ann Leighton.
- ❖ **John Beck/Green Arbor:** Donation of flower pots for the 2011 Summer Institute children's gardening program.
- ❖ **Maxine Beck:** Colorful balloons and hand-made banner to add a festive spirit to the August 2011 Jazz Festival.
- ❖ **Debi Duffey:** Pattern books of PA German designs
- ❖ **Lowe's:** Donation of flowers for planting during the 2011 Summer Institute children's gardening program.
- ❖ **Jean McBride:** "Songbirds of Pennsylvania" poster.
- ❖ **Clay Moyer:** Cookies for the 2011 Jazz Festival.
- ❖ **Steve Graham:** Equipment used in farmstead programs: 2 butter bowls, 2 butter paddles, 1 custard bowl, small tin box, kraut crock (#8), wooden cutting board, 3 flesh forks, bowl scorp, shoe form, yarn winder, 2 apple buckets, plus numerous books and field guides.
- ❖ **The Mannings:** Empty yarn cones to use as "listening cups" for kindergarten environmental program *Wake Up Earth, It's Spring!*
- ❖ **Wayne Martz:** Book: *Country Wisdom & Know-How*; two cases of copy paper; Camp Chef Explorer Outdoor Kitchen for cooking hot dogs, etc. at Pumpkin Fest and other outdoor events. To be shared with Renfrew Museum.
- ❖ **Phil & Jerry's Meats & More:** Sweet Lebanon bologna for student "tastes" during the 5th grade program, *From Field to Table*.
- ❖ **Angela Rocks:** Canvas trail sack for use in school programs. Also, a book, *Life in the Chesapeake Bay* by Alice Jane Lippson & Robert L. Lippson.
- ❖ **Kathy Seiler:** Book: *Connected Wisdom* by Linda Booth Sweeney
- ❖ **Anne Shepard:** Lemonade for the 2011 Jazz Festival.
- ❖ **West Penn Power:** Cable spool for use as a table in the environmental program, *Discovering Wetlands*.

Streamside

Renfrew Institute for Cultural and Environmental Studies

1010 East Main St. Waynesboro, PA 17268 (717)762-0373

www.renfrewinstitute.org

It's not too late to renew your membership for 2011-12!

An "Earth Stamp" here means we're missing you from this year!

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