



Winter2013

THE FROGHORN

~ SILVER LAKE NATURE CENTER ~

Friends of Silver Lake Nature Center Mission Statement

The Silver Lake Nature Center creates opportunities for the natural habitats of Silver Lake to inspire students of all ages and abilities with the wonder and beauty of this living treasure. Through education, recreation, research and advocacy, we attract new friends to Silver Lake and its watershed, and together preserve this priceless heritage for generations to come.

NATURE FEST

From learning about wildlife and investigating local water issues to delicious food and great music, we thank all who contributed to October's Nature Fest.

Allgood Energy
Artists of Bristol
Bath Fitter
Billy D's BBQ
Bonjour Creperie
Bristol Borough Bark Park
Bristol Township
Bucks County Courier Times
Chuck Schaeffer Duo
Earthship Slide Show/Clarence King, Tony & Barb Garwood
Face Painting/Margaret McGinnis
Focal Planes Foto Club
G.O.A.L.
Harris Comfort
Juniper Organic Cupcakes
Kids Crafts/Sue Kiernan
Kitchen Saver

Lowrey Community Connection/PECO
Matty G. Dogz
Mercer County Wildlife Center
Mr. Linus' Pet Barkery
Natural Awakenings Buxmont
Natural Resources Defense Fund
Norwex
PA Master Gardeners
Origami Owl
P.J. Fitzpatrick, Inc.
Power Home Remodeling
Renewal by Andersen
Project Bud Burst/Pat Coleman
Sims Metal Management
SLNC Watershed Monitoring Group/Dave Chalfant
West Chester University Harp Ensemble
Yoga



Thanks to all our volunteers who helped the event run smoothly!



Visit us on the Web!
www.silverlakenaturecenter.org

The **FROGHORN** is published quarterly for the Silver Lake Nature Center, a facility of the Bucks County Department of Parks & Recreation, by the Friends of Silver Lake Nature Center.

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Silver Lake Nature Center
1306 Bath Road
Bristol, Pa 19007
215 785-1177
Fax: 215 785-3228
www.silverlakenaturecenter.org
Open: Tuesday - Saturday, 10 am - 5 pm
Sunday, 12 pm - 5 pm
Closed: Monday

The Bucks County Department of Parks and Recreation does not discriminate on the basis of disabilities in its programs, activities, and facilities.

Fall Fling 2013

Everyone looks forward to our annual Fall Fling! This is our opportunity to socialize with our members and supporters, enjoy light refreshments, pleasant music, and a glass of wine.

This year, we chose to highlight the soon-to-happen renovation of the display area, gift shop, office, and library. We invited our designers, Content Design Collaborative, to share with everyone the plans they have for this renovation. Ed Malouf and Carol Lieb made the trip from Boston and offered a very intriguing power point presentation of the plans and ideas they have for the Nature Center. Their ideas were well received and sparked interesting conversation. Our designers made themselves available to anyone who had questions or suggestions during the evening.

Members, staff, and guests enjoyed delicious hot and cold appetizers prepared and catered by McCaffrey's Catering of Yardley. A lovely medley of arrangements was performed on the keyboard throughout the evening.

A wonderful time was had by all, and we are already looking forward to Fall Fling 2014!

Limited Supply of Silver Lake 2014 Calendars are Still Available!!

Enjoy beautiful pictures of Silver Lake Nature Center and Park through all the seasons! These calendars make lovely gifts for any occasion.

Photography and design are by our own Clarence King, with contributions by members of the Focal Planes Foto Club.

Calendars cost \$15 each.

All proceeds benefit the Friends of Silver Lake Nature Center.

Supplies are very limited, so please call 215 785-1177 or e-mail palynn@co.bucks.pa.us soon to make your purchase!

Mercer's Musings

A year after...

by Robert Mercer

A year ago, I wrote an article for the winter newsletter about Hurricane Sandy's visit. The Philadelphia area has experienced remnants of hurricanes in the past, and many of them did a lot of damage, but very few actually had sustained hurricane force winds. This wind was a new experience for many of the plants and animals living in the park. But, nature is resilient!

If you walk our trails today, you will see the remnants of Sandy: large tree trunks smashed to the ground and huge root balls ripped up out of the ground. The damage is unsettling unless you look closer. Next time you visit, look up to the canopy. Where Sandy tore out a tree an opening now let's light reach the forest floor. In these spots, look around the shadowy forest floor and look at the sunny zone. The difference is amazing. New plants fill the sunny locations; annual, biannual, and perennial plant seeds which may have lain there for years germinated in the sun.

This summer, in many of the holes created by the tipped over trees, water filled in the hole and provided refuge for frogs. During summer camp, one particular frog that chose a hole where the children play in the woods, probably was the most caught frog in the world. Almost every day, kids testing their huntsman skills plucked this individual from his or her

"hiding" place and then returned it.

With any change, there are winners and losers. In nature there is no judgment of good or bad. The trees gave their life to the brute force of Sandy, but they opened up a world for patient seeds. The frogs hiding in their holes safe from predators had an advantage.

The world has been in existence for billions of years and will remain a planet for billions of years. It has survived much larger disasters, like an asteroid crash, but still life goes on. The loss of the dinosaurs opened up opportunity for mammals to take over, especially one particular mammal—us. We are now the asteroid with our emissions and ability to alter the face of the Earth.

Most people abhor change. Life is so much easier when I am in my rut, going to work each day, going home at night, everything predictable, but change can be good. There are two types of change: the type you can control and the type you cannot. The challenge is recognizing the changes you can make to better your life and the life of those around you or adapting to the change forced upon you. Looking at nature helps one to put it all in perspective. Will we be the trees crushed and killed by the hurricane, or will we be the plants taking advantage of the new source of light or the frog with a new puddle?

Project Report

by Robert Mercer

You may not see it yet, but BIG changes are coming to the Silver Lake Nature Center. By the time you read this, two major construction projects should be in the bidding process. The first, the plan to replace our aging heating, air conditioning and ventilation system, will make our building a lot more efficient despite the insulation issues. This project will have the building ripped up while new systems are installed.

An even more drastic change, the second project, will be the new displays designed by Design Concepts. The offices will relocate, the store will be compressed, and the exterior walls will be opened up with windows to bring nature indoors. All new displays will highlight the uniqueness of the Nature Center and the Bristol community. There will be space to stretch out and relax.

The third project is already underway. You will never "see" this change, but you should experience it without ever knowing. With a grant from the National Environmental Education Foundation, the Friends of Silver Lake Nature Center purchased a new database designed to better track our volunteers, the programs, memberships, and donations. This new database should make the operation that much more efficient, saving us money and allowing us to serve you, our members, better. This should be operational by the first of January at the latest. The final project underway is our Earthship or Watershed Education Building. More on that in another article. Stay tuned!

Join us!

Memberships

Individual \$25
Household \$35

'Household' includes all at same address.

Check here for \$10 Senior discount

Special Memberships

(provide funds for additional programs)

Grey Fox \$ 50 - \$99
Red Fox \$ 100 - \$249
Willow Oak \$ 250 - \$499
Pin Oak \$ 500 - \$999
Legacy Investor \$ 1000



Silver
Lake
Nature
Center

Please Print

Name: _____

First _____

Last _____

Address _____

house number/street name _____

Apt. _____

City _____

State _____

Zip _____

Phone _____

E-mail _____

Application for Membership

Gift

New

Renewal

All contributions and dues are tax deductible to the extent allowed by law - IRS code section 501 (c)(3).
Checks should be made payable to: FOSL (Friends of Silver Lake)

1306 Bath Road, Bristol, PA 19007

phone: 215 785-1177

fax: 215 785-3228

website: www.silverlakenaturecenter.org

"A copy of the official registration and financial information may be obtained from the PA Department of State by calling toll-free within PA, 1-800-732-0999. Registration does not imply endorsement.

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Fidelity Savings & Loan of Bucks County	Representative Tina Davis
P. J. Fitzpatrick, Inc.	Sims Metal Management
Four Lanes End Garden Club	

Please support our Business Partners whenever you can!



Winners of a free FOSL Membership:

September Donna Stanish
October Richard Cordisco
November Christian Riefner

CONGRATULATIONS!

Fill out a form in the lobby and drop it in the 'birdhouse.' You may win a Free, one-year Individual Membership!

One free membership drawn for each month

Welcome New Members

New Members from August 1 thru October 31, 2013

Fred Baumgarten	Natassia Hyman	Chris Powers
Rebecca & Jean-Pierre Bisilliat	Noah Kilgore	Michelle Russo & Philip Quirk
Patricia Burd	Linda & Bob Konyves	Daniel Reynolds
Kevin & Dawn Cook	Michelle Kowalski	Amanda Roos
William & Barry Davis	George & Anne Lauth	Judy Schilla
Judith Fischer	Avery Martin	Stephanie Sinkiewicz
Matthew Gentile	Karen Merrihew	Nadine Skirka
Malcolm Harwood	Jason Muir	Andrew Thompson
Roland & Megan Hems	Roseanne Oscovitch	Cherie Vanbuskirk
Ester Hughes	Jessica Petro	Theresa Vassallo
	Maryann Phinney	

We hope to see you often!

Volunteers



Calling all volunteers!

Volunteer Work Days from 9 am-2 pm

Saturday, January 4th
Saturday, February 1st
Saturday, March 1st

Volunteer Recognition and Annual Meeting

Saturday, March 15th from 11 am to 1 pm
(RSVP by March 14th)

Join us for this special event as we recognize the hard working efforts of an ever-growing family of volunteers, without whom we could never do the extraordinary things we do!

Contact Jenn Bilger at 215 785.1177 ext 14 or jlbilger@co.bucks.pa.us

Storekeeper

We are in need of volunteers to work in our gift shop greeting visitors, answering phones, and running the cash register. Open shift: Saturdays from 1 to 5 pm.

Trails Crew

We need 2 or 3 regular volunteers to help us maintain our trails between work days.

Animal Care

We are in need of volunteers to come one time per week for about an hour to feed our exhibit animals and clean their tanks.

Animal Sponsors Needed

We are in need of Animal Sponsors who are willing to donate funds for our exhibit area and educational animals. These animals include two box turtles, two aquatic turtles, two snakes, and a pond tank full of fish, snails, clams, and crayfish. We would like to have regular donations made to contribute to their food, filters, tank maintenance, habitat improvement, and regular veterinary check-ups.

for the Kids

Come Celebrate at Silver Lake!



We offer a variety of options for children of all ages and grown-ups: birthday parties, bridal showers, baby showers, anniversaries, meetings, and other important events.

Our regular two-hour party includes: one theme-related party craft; nature walk with theme-related activities (indoor activities in case of bad weather); and use of building, auditorium or pavilion, kitchen, restrooms, tables, and chairs.

Fee per child: \$9 member
\$12 non-member

Fee includes one free adult per child. Minimum: 10

Some of our additional options include night hikes, campfires, and kayak trips. We'll work with you to find the right program for your event. Fees vary according to type of party. For pricing info, visit www.silverlakenaturecenter.org or contact PattiAnn at 215-785-1177- ext. 12 or palynn@co.bucks.pa.us.

Preschool Update

So far this year, Silver Lake Nature Center has presented Early Childhood Education programs to about 40 Preschools and Parent/Child Groups!

These programs, designed to educate children and increase their awareness about our natural world, can be conducted at our location or at local Preschools.

A fun fall program, *Life in a Log*, has been enjoyed by many Preschoolers this season! What fun it is to crawl through a giant "log" and learn all about what happens to a tree when it falls to the ground!

One of our popular winter programs is *Hibernation Happens*. During this program, children get to discover what it's like to be in the "Groundhog's Home" and learn from puppet friends what animals do during winter.



Ready for the puppet show!



Hibernation Hut

Some of our other program themes include: *Fancy Feet Feats*, *Ponds & Puddles*, *Frog Friends*, *Bugs & Beasties*, *Five Senses*, *Winter Wonders*, and *Discovery*.

For more information on our Early Childhood Education programs and to schedule a program, please visit our website at www.silverlakenaturecenter.org or contact PattiAnn at palynn@co.bucks.pa.us or 215 785-1177 ext. 12.

Results of Marketing Survey

Thank you!

In October, we sent out an email survey to our members and to our friends on Facebook. At the time of this writing, 180 people completed the survey. We will keep the survey open until January 1. We realize that using email to ask people to complete a survey creates a bias, but it allowed us to get some important information rapidly. If we do not have your email, but you do have internet access, you can complete the survey by going to the following website: <http://www.surveymonkey.com/s/WL7Z3DH> This is particularly important if you want to be heard.

By November, we had learned that most people who completed the survey (57%) are members. It makes us wonder what we can do to convince the other 43% to not just like us, but to support us by becoming a member.

We also learned that most people liked the Silver Lake Nature Center for our trails (76%), Special Event (62%), Environmental Issues (58%), Adventure Activities (54%), Environmental Education (54%), and Adult Programs (49%). There was not as much interest in our teen programs (7%), Music (17%), Preschool Programs (11%), Summer Camp (16%), Arts and Culture (26%), or Children's Programs (23%).

Anecdotally, when we asked people what audience the Center serves, they invariably said children. Yet the survey indicates a much higher interest in adult activities. This may reflect the bias of those who took the time to respond. The respondents were over 54 years of age (56%) or between 35-54 (31%). Thirty percent were single, while 54% were couples. We do know that 20% had children at home and 16% had grown children.

Since this was an email survey, we were not too surprised that 66% learn about our activities via an email. It was nice to see that 49% read our newsletter, and 41% use the website. Very few people used traditional media: Radio (1%) and Newspapers (16%).

Forty-six people provided comments. Fifteen people offered concrete suggestions for programs or activities they think would improve the Center. Twenty-two said very nice and encouraging things. Two people were dissatisfied for various reasons. The remaining seven were neutral or told us something about the respondent.

These answers will help the Friends of Silver Lake Nature Center's Marketing Committee and Education Committee direct our programs and marketing towards the desired audiences and information sources. Do you agree with the results? If not take some time to complete the survey at <http://www.surveymonkey.com/s/WL7Z3DH>

What do you think this tells us about the people who use the Nature Center?

- All the volunteers, vendors, members, and FOSL Board members who helped make our Nature Fest a success.
- Bonnie O'Boyle for keeping our Gift Shop well stocked and for hosting the special private sale to benefit SLNC.
- Joanne Kyle for supporting Silver Lake Nature Center animals monthly.
- Joan Foley for relieving us of our unsold white elephant items by taking them to her church's bazaar.
- Animal caregivers, who not only take care of our critters, but regularly bring in fresh food for them.
- Pat Rossi for creating the color fliers of our programs and events and for keeping the bulletin board at the lake up-to-date.
- Everyone who has helped with our recent mailings, including invitations, program schedules, the newsletter, and the annual appeal mailing: Diana Bullard, Marie Wojcik, Glenn Rodkey, Jeanne Winerip, Walt Lorchak, Joan Foley, John McGrath, Mary Ida Reitz and Elaine Gramlich.
- All our volunteers who show up for our Volunteer Work Day on the first Saturday each month. You're terrific!
- Hope Sauppe, Jeanne Stemmer, Glenn Rodkey, Sr., and Joan Foley - and everyone else - for donations of food for our Volunteer Work Days.
- Marie Wojcik and Madeline Bobst for preparing and decorating Rosco's Giving Tree, and for decorating throughout!
- Volunteers who helped with our Bird Seed Sales: Mary Beth Hartmann, Jeanne Stemmer, Marie Wojcik, Jason Stewart, and Marquice Evans.
- Jason Stewart and Marquice Evans for taking the time to set up and decorate the Christmas tree, complete with lights and natural ornaments. It looks great!
- All the who came to our annual Holiday Potluck Dinner. Your food and friendship is delightful!
- All our birders for keeping us aware of the birds in our area, and for helping with the Christmas Bird Count.

Upcoming Events



Join Us for Kids & Nature!
Thursday, December 26th - 9 am to 4 pm
and/or
Friday, December 27th - 9 am to 4 pm

Spend some of your winter break with us!

Six to ten-year-olds are invited to join us as we explore the trails, play games, make a craft, and visit with our animals. Light snacks will be provided, but please be sure to bring a lunch.

Fee, per day: \$35 member ; \$40 non-member

Sign up for one day—or both!

Registration and payment are due by December 21st. Please call 215-785-1177 or e-mail palynn@co.bucks.pa.us.

Winter Birding

We will carpool from SLNC. Bundle up! We will bird all day and then warm up at a local restaurant.

Saturday, January 11- Barnegat Bay, 8 am - 5 pm

Saturday, February 22 - New Jersey's North Shore, 8 am - 5 pm

**Fee: \$15 member
\$19 non-member**

Please register and pay at least three days prior to the trip date.

For details, call Bob Mercer at 215 785-1177.



Earth Living Skills Series 1 - 4 pm each day

Staying Warm in the Winter Woods...Primitively

Join our primitive skills instructors for hands-on instruction that will save your life in a survival situation.

Saturday, January 25: Primitive Shelter Construction

With no special gear, learn to build a warm and dry shelter.

Sunday, January 26: Fire by Friction

Make a fire by rubbing two sticks together. Create a fire kit.

Open to all ages, 10 and up; no experience necessary. Under 13 must be with adult family member. Scouts and other groups are welcome. Must pre-register. Come to one or both days!

Fee, per day: \$35. Each additional family member: \$10
 No refunds for cancellations less than 10 days before program.

Annual Meeting and

Volunteer Recognition Lunch Saturday, March 15, 2014 10 am - 12 noon

Join us as we recognize our volunteers' hard work and thank everyone for sharing their time, talent and friendship this year. We hope to see you all there!

RSVP to Jenn by Friday, March 14th at jlbilger@co.bucks.pa.us or 215 785-1177 ext. 14.

Symbionts -

Clubs that meet at the Nature Center:

New members welcome - and needed!

West Chester University Harp Ensemble -

Rehearses on third Monday at 6 pm. Come & listen. For info: Gloria Galante, 215 342-9397

Focal Planes Foto Club -

Meets on the second and fourth Tuesdays at 7 pm. For info: Steve Waite at 215 736-1834

S. Bucks Garden Club -

Meets on the first Tuesday at 7 pm. Call Ellen Miller at 215 788-0651 for information.



Artists of Bristol -

Meet on the second Wednesday at 7 pm. Contact: John Styner at 215 595-8295 or by e-mail at johnstyner@verizon.net

NEW! Delaware River Fisherman's Association -

Meet on the last Wednesday at 7 pm. Join us! For information: Scott at 215 989-0153.

Yoga - Meets every Thursday at 7:30 pm.

This is a class for all ages and abilities. For information call Deb & Joe at 267 808-1071.

Free

Naturalist Aide Training
Fridays, February 21 & 28
and March 7, 14, 21, & 28
10 am - noon



If you have a few hours to spend and enjoy the outdoors and people, then this may be for you. We will train you to help us teach the programs we offer.



Call Lorraine at 215 785-1177

More Bird Seed Sales



Order your sunflower seed, Silver Lake mix, conservation mix, thistle, peanut hearts, sunflower chips and suet by:

January 22nd for pick up February 1st
 March 26th for pick up April 5th

Order online, by phone, or in person. We accept Visa, MasterCard, and Discover.

Note: After April, our next Sale will be in October 2014!





Silver Lake Nature Center
1306 Bath Road
Bristol, PA 19007

NON-PROFIT ORG
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Permit #302

Address service requested.

Mark Your Calendar

It's Maple Syrup Time!

For *one week* in February, we will be demonstrating the old-fashioned process of collecting sap from trees and boiling it down to make maple syrup. Participants will learn the history, legends, early collection, and modern production of this sweet, nutritious treat.

Come out and join the fun!

February 8th is open to the public.
February 11th - 14th is reserved for groups.



Call the Nature Center for details
and to register:

215 785-1177

or check out our website
www.silverlakenaturecenter.org.

Fine Wine and Fare on the Delaware
Saturday, April 26, 2013
5 - 7 pm

*Join us for an evening of fine wine
and food pairings
at the beautiful home
of Cissi and Louis Quattrocchi,
800 Radcliffe Street in the historic town
of Bristol Borough.
Enjoy a wonderful evening on the Delaware!*

***Tickets: \$55 per person**
\$100 per couple
All proceeds benefit the Silver Lake Nature Center.*

Coming soon:

SLNC's Summer Camp!

We offer 8 weeks of full and half day camp,
Monday thru Friday, beginning June 24th,
plus special weeks for preschoolers and for teens!
Sign the kids up for one week — or all of them!

Call Jenn for details at 215 788-1177.

Please share this newsletter with a friend. Thanks!

Thank you, Volunteers - and Happy Holidays!

Julian Albero
 Bryan & Melissa Allen
 Jane Allen
 Michelle & Victoria Anger
 Dave & Bill Atkinson
 Hilal Ayarci
 Christa Bain
 Kevin Barlow
 Jonathan Barnes
 Juliane & Christopher Barreto
 Ted Baugh
 Jimmy Bayer
 Bucks County Conservation District
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 Nancy Bilheimer
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 Brandon Bloomer
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 Madeline Bobst
 Mark Bortman
 Mary Lou Boyer
 Matthew Boyle
 Jeanne Bray
 Justine Broadbelt
 Samantha Brooks
 Dylan Brown
 Eileen & Michael Brown
 Delores Brown
 Richard Bryan
 Zaida Bryant
 Diana Bullard
 Patricia Burd
 Neil Burd
 Melissa Busch
 Rachel Butler
 Cairn
 Barbara Campbell
 Donna Cayford
 David Chalfant
 Jackie Cintron
 Evelyn Cintron
 Wm. Roger Clark
 Dan and Pat Coleman
 Anthony Colon
 Joe Comitale
 Andrea Cappola
 Brian Coppola
 Joann Cosgrove
 Shaun Coyle
 David & Jeffrey Craigin
 Rob Crain
 Cub Scout Pack/Bradley Stein
 Marissa Cusick
 Devon Daughtry
 Dave Davis
 Lloyd Davis
 Gailen Davis
 Danielle "Rikki" Del Donno
 Delta Community Ctr
 Michelle Deodati
 Elizabeth DeRosa
 Lauren DeSilva
 Aparna Dev
 Eric Diaz
 Michael DiChristofaro
 Chris Dillon
 Shannon Dixon
 Will Dunn
 Thomas Earp-Pitkins
 Karen and Keith Effinger
 Chris Egnoto
 Nicholas Elliot
 Herb Eoll
 Joanne Smith Estee
 Lauder/Northtec
 Marquice Evans
 Katrina Farley
 Judith Fischer
 Karen Flanigan
 Carolyn Foley
 Joan Foley
 Dale Frazier
 Cathryn + Ryan Frazier
 John Galloway
 John Gamel
 Jackie Garber
 S. Bucks Garden Club
 Anthony Garwood
 Kathy Gill
 Roberto Giunta
 Lois Glasscock
 Carli Goodgion
 Tyler Grainey
 Elaine Gramlich
 Green Jobs Club
 Marge Gujda
 Beth Gutierrez
 Elaine Hagey
 Tom Hankerson
 Hankinson Family
 Brian Harris
 Bruce Harris
 Mary Beth Hartmann
 Matt Heft
 Bob & Melissa Heller
 Jeannette Henrie
 Maria Hernandez
 Joe Hewleft
 Tameryn Hoffman
 Olivia Hopkins
 Leonard Jankowski
 Brian Jensen
 Emily Job
 Dan Johansson
 Faith Johns
 Samantha Johnson
 Chris & Andrea Kalb
 David Karasow
 Lois Katz
 Eileen Kelliher
 Jennifer Kelly
 Shawn Kelly
 Trevor Kennedy
 Justin Kerner
 Andrew Kline
 Matthew Kicinski
 Clarence King
 Susan Kiernan
 Samuel Kim
 Clarence King
 Andrew Kline
 Karina Knapp
 Justin Knoblauch
 Christopher Knoblauch
 Mark Kogan
 Norm Krier
 Courtney Krier
 Jim Kristofic
 Michael Kurtz
 Thomas Kutz
 James Lamantia
 Michelle Lavery
 Jordan Lee
 Daren Lester
 Helene Lewis
 Lieberman Family
 Amanda Liebig
 Werner Liebig
 Christina Lips
 Amanda Long
 Marc Long
 Walter Lorchak
 Chuck Lufkin
 Patricia Lufkin
 John Lukatchik
 Anthony Lutkus
 Mryon Macenka
 Carol Mane
 Antonio Massanet
 Richard Mayberry
 Michael McCall
 Theresa McCartin
 Kelly McCloskey
 Edward McDonald
 Christopher McEachron
 Margaret McGinnis
 Elizabeth McGoldrick
 John McGovern
 John McGrath
 Jessica McLaughlin
 Jennifer McLean
 Jacqueline McNeil
 Alexis McNeil
 Aidan Meister
 Eileen Mercer
 Alyssa Merk
 Betsy Micir
 Ellen Miller
 Del Val Model Boat Club
 Wayne Moore
 Ryan Moran
 Pam Morris
 Oleksandra Motovylets
 Bobby Moyer
 Bryan Muller
 Shane Muller
 Brittany Murphy
 Murray Family
 Karen Myers
 Henry Nagel II
 Dakota Napierkowski
 Heather Neuman
 Ryan Neuman
 Jennifer New
 Roland New
 Jason Nguyen
 Laurie and Todd Nixon
 Becky Obert-Thorn
 Bonnie O'Boyle
 Mary O'Connor
 Ashley Scott/Tim Raines
 One Brick Volunteers
 Alexandra Padilla
 Elaine Panuccio
 Zachary Parziale
 Dhruvi Patel
 Susan Paulsworth
 David Pearson
 Robert Pearson
 Jacinda Pease
 John Pedrick
 Pennel Mental Health
 Michael Perfidio
 Fred Perkins
 Jack Person
 Cindy Peto
 Jean Petryszak
 Ridhima Phukan
 Alyssa Polyak
 Anthony Pratt
 Justin Pratt
 Jessie Prendergast
 Dana Prendergast
 Julia Price
 Holly Priestly
 ProAct of Lower Bucks
 Youth Services Agency
 Progress
 Cissi Quattrocchi
 Colleen Quigley
 Christopher Rager
 Timothy Raines
 Keelyn Ramirez
 Jennifer Raps
 Cathy Raupp
 Jim Reese
 Mary Ida Reitz
 Mary Ann Richardson
 Mitchell Riley
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 Nick Spada
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 Nicholas Spiel
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 Willaim Stabler
 Bradley Stein
 Mark Steinberg
 Jeanne Stemmer
 Florence Stepenaskie
 Jason Stewart
 Mick Stowe
 Ryan Stroud
 Dana Sullivan
 Billy Surrick
 Steven Surrick
 Albert Sutter, Jr.
 Eileen Swank
 Connor Sweeney
 Christopher Sweeney
 Ian Sweeney
 Zauraiz & Hubza Syeda
 Billy Tamanini
 Cheng Tarn
 Eric Tarn
 Eloise Tatro
 Brad Tebeest
 Jessica Tokarczyk
 Jonathan Torres
 Katie Tower
 Quierra Townes
 Troop 2531
 Roberta Turner
 Theresa Vassallo
 Sondra Wah
 Carrie & Larry Walinsky
 Tyler Walters
 Francis Waters
 Thomas Waters
 Webelos Pack/Bradley Stein
 Gloria West
 Donald West
 Torrin Williams
 Jeanne Winerip
 Marie Wojcik
 Mason Yost
 Robert Young
 Rudy Young
 Suzanne Zajewski
 John Ziegler
 George Zitzler



Thank you, Volunteers - and Happy Holidays!



Watershed Education Building (AKA Earthship) Update

We're getting close to enclosing the entire building. Walls, windows, roof, bottle walls! Once the structure is enclosed, we can work inside through the Winter, unlike last year when the freezing cold forced us to stop. This year we will begin to reap the benefits of a structure built with thermal mass and south facing windows for passive solar gain. The combination of these two basic principles of our planet will allow us to work inside the structure with no other heat source. Pretty cool!

Lots of credit goes to **Jim Skala** and **Tony Garwood** for getting us this far. Also, we couldn't have done it without the help of these additional volunteers these past few months:

Jimmy Bayer
Brian Cappola
Hope Sauppe
Barb Campbell
Chris Knoblauch
Justin Knoblauch
Bob Pearson

Jim Kristofic
Eric Tarnig
Roberto Giunta
John McGovern
Michael Jonn
Todd Nixon
Mark Bortman

Silver Lake Volunteers are the best! Many more are involved in creating our Earthship. If you'd like to help, please stop in at the Nature Center or give us a call.

We also appreciate folks who stop in to give us words of encouragement. We are doing groundbreaking work here, right in Lower Bucks, and the support of the community helps to keep us going.

And we'd be remiss if we didn't mention **CBM** and **Lou Quattrocchi** for being sooo patient when a certain project manager calls or stops in for advice. Thanks, Lou!



There's still plenty more to do, so please stop in and see how you can get involved.
Thanks for all you do!

