
THE FROGHORN

Introducing Our Two New Environmental Interns!

Please join us in welcoming “Maz” Mazuchowski and Sarah Wirth, our environmental interns for the next few months! Maz and Sarah started at the beginning of April and will be with us until the end of September. We are excited to have them as part of the Friends of Silver Lake Nature Center Staff for the season!

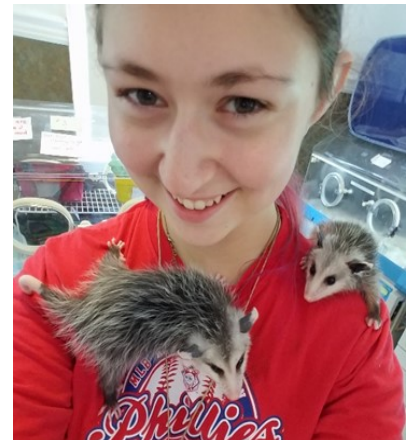


Sarah Wirth

Sarah is a junior at Drexel University, currently majoring in Environmental Studies & Sustainability. She grew up in Florida, but hopes to move out west after completing her degree. She loves hiking and being outside and is excited to gain more experience working with kids and animals during her time here at the nature center!

“Maz” Mazuchowski

Maz is a sophomore at Drexel University, double majoring in Environmental Studies & Sustainability and Criminology and Justice Studies, with a concentration in Criminal Justice. She lives in Bensalem, but plans to explore the world after earning her degrees. She has a lot of experience working with children and animals through years of working at Girl Scout camp and a wildlife rehabilitation center.



Here are some words from the interns themselves:

*We feel so fortunate to have the opportunity, through Drexel’s co-op system, to be gaining such extensive internship experience in our fields. We’d like to extend a very special **thank you** to every member, donor, and supporter of Silver Lake Nature Center who helps in allowing us to be here and make a difference in the community. We are currently staying in the intern cottage located in front of the Earthship, which celebrates its 100th anniversary this June. We’d love to have you come out and celebrate with us! We hope to have the chance to meet and interact with each and every one of you during our next few months here. Thank you again for this wonderful opportunity!*

The Froghorn

This Newsletter is published quarterly by the Friends of Silver Lake Nature Center for the Silver Lake Nature Center, a facility of the Bucks County Parks and Recreation Department.

CONTACT US

Silver Lake Nature Center

1306 Bath Road

Bristol, PA 19007

215-785-1177

SilverLakeNatureCenter@buckscounty.org

www.SilverLakeNatureCenter.org

NATURE CENTER HOURS

Tuesday - Saturday, 10 am - 5 pm

Sunday- 12 pm - 5 pm

Monday- Closed

Trails are open daily from Sunrise to Sunset

STAFF

Jerry Kozlansky, Director/Naturalist

PattiAnn Cutter, Assistant Director/Naturalist

Arden Williams, Volunteer Coordinator/
Administrative Assistant

Danielle Morrisey, Office Manager/
Earthship Steward

Kassandra Archer, Summer Camp Director /
Environmental Educator

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



Our Mission:

The Silver Lake Nature Center inspires connections with nature for people of all ages, interests, and abilities through education, recreation, preservation, research, and advocacy.

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Have questions about the Earthship?
Contact Danielle Morrisey at dmmorrisey@buckscounty.org

Earthship - The Next Chapter!

Steward's Log, Earth-date June 1, 2018.

SLNC Earthship (1306 Bath Road, Bristol PA, USA- Earth)

2018 has been an exciting year at the Earthship so far. Our new *Evenings at the Earthship* series has begun and we have had a great time. The Seed Starting workshop held in April was well attended and lots of fun. In May, Joe Rakowski from Noble Earth on Mill Street led an informative mushroom workshop. The next workshop will be on June 14 - Wild-Crafted Herbal Tea led by Kassandra.

The Earthship also continues to play a part in our extremely popular Silver Lake After Dark series of programs as well. These night hikes end at the Earthship with a campfire and marshmallow roast. We are also opening the Earthship for tours 2 weekends a month starting in June. Please see our website for the actual dates. The Nature Book Club, facilitated by Lee Roach, PA Master Naturalist, will continue to meet monthly.

W.M. Roger Clark, has begun working on his latest mural project on the back of our kayak garage— stop by and take a look!

Earthship Steward's Log, Supplemental- For additional information about programs being held at the Earthship, please see our event calendar at <http://silverlakenaturecenter.org/events/month/>



Evenings at The Earthship

SEED STARTING WORKSHOPS

Held on the 2nd Thursday of each month, these unique workshops are geared for adults and cover a variety of topics from edible plants to hands-on creative projects

Current Workshops

- Essential Oils ----- March 8
- Seed Starting ----- April 12
- Mushroom Hike w/ Joe @ Noble Earth ---- May 10
- Herbal Tea ----- June 14
- Crystal Terrariums w/ Rainbows of Healing -- July 12
- Natural Dyes ----- August 9

\$12-\$15 for most workshops

Pre Registration is REQUIRED

For more details contact Silver Lake Nature Center

www.SilverLakeNatureCenter.org





The barren trees dripped water in the soft April rain. The forest was quiet and cool as the small class of students and I crossed the flooded boardwalk to the vast woods full of Vernal Pools. The students peered into the dark, tea-colored water looking for signs of life. All appeared still save for the water droplets disturbing the surface.

The small collecting nets were handed out, and the children eagerly dipped them into the shallow forest pools searching for an elusive find. One young lady had an intense look on her face as she stared into her dripping net. Something was wriggling about among the brown, decaying leaves. A very small aquatic creature that appeared to have many legs...or were they gills? We could not tell. This certainly needed further investigation! We placed this most unusual, half inch, creature into a pan of clear water under a magnification lens. What looked curious to the plain eye looked other-worldly under the lens! We studied the animal closely as it swam upside down propelled by eleven sets of legs!

Quickly everyone was searching the internet for answers to this mystery. The same young lady shouted out "We have found a Fairy Shrimp!" Other students were finding them as well, and soon we had dozens of what we could only guess were the elusive Eastern Fairy Shrimp of the Vernal Pools.

In Pennsylvania, fairy shrimp are only found in temporary pools of standing water where fish cannot survive. Otherwise, the fish would eat the Fairy Shrimp and decimate



the population. They have no shell, compound eyes, two antennae, and lack a skeleton. They are related to lobsters and crabs and are actually a type of crustacean. These fascinating animals can lay their hard shelled eggs, called cysts, at the bottom of these pools where they dry up completely in the summer and may lie dormant for years until the spring rains wake them to life again. The eleven sets of legs are not only for swimming but help in breathing and feeding as well. It is easy to see how these creatures got their name. While watching them swim, their legs appear almost to dance like a fairy under water.

For decades the destruction of Vernal Pools by humans has threatened the existence of Fairy Shrimp. With a more modern understanding of how ecosystems function, humans have helped the populations of these hardy crustaceans flourish. Next spring we encourage you to visit a vernal pool in search of these underwater dancing fairies!

Friends of Silver Lake Nature Center

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Dave Gibbon

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William M. Mitchell, CPRP-

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Craig Bowen, *Vice Chairman*

Todd Kowalski, *Secretary*

Nelson E. Clements

Andrea Coaxum

Penrose Hallowell

Lowell Musselman

Charles Raudenbush, Jr.

William Wert



Calendar of Events

June 2018

Sun	Mon	Tue	Wed	Thu	Fri	Sat
					1	2 Volunteer Work Day 9 am - 2 pm Kayaking 101 3 pm - 5 pm Full Moon Kayaking 6:30 pm - 9:30 pm
3	4	5	6 1st Day Endless Bounty Dynamic CSA Pickup @	7 Yoga 7:30pm	8	9 Earthship Tours 11 am - 1 pm 5 Senses of Trees 1 pm - 2:30 pm
10	11 Focal Planes 7pm	12	13 Artists of Bristol 7pm	14 Evenings @ Earthship: Herbal Teas 6:30 pm - 8 pm	15	16 Habitats Walk 1 pm - 2:30 pm
17	18 WCU Harps 6pm	19	20	21 After Dark Series: Summer Solstice Firefly Hike 7 pm - 8:30 pm	22	23 Pond Study & Earthship Lab 1 pm - 2:30 pm
24	25 Summer Camp Week One Focal Planes 7pm	26	27 Del River Fishermen's Assoc. 7pm	28 Nature Book Club 6pm Yoga 7:30pm	29	30 Kayak Fishing 9 am - 12 pm Kayaking 101 3 pm - 5 pm Full Moon Kayaking 6:30 pm - 9:30 pm

July 2018

Sun	Mon	Tue	Wed	Thu	Fri	Sat
1	2 Summer Camp Week Two	3 CSA Pickup @ Earthship 3 pm - 5:30 pm	4 No Summer Camp Today (Holiday)	5 Yoga 7:30pm	6	7 Volunteer Work Day 9 am - 2 pm Earthship Tours 11 am - 1 pm
8	9 Summer Camp Week Three	10	11 Artists of Bristol 7pm	12 Evenings @ Earthship: Crystal Terrariums 6:30 pm - 8 pm	13	14 Tracking Wild Animals! 1 pm - 2:30 pm
15	16 Summer Camp Week Four WCU Harps 6pm	17	18	19 Yoga 7:30pm	20	21 Summer Hike Delhaas Woods 1 pm - 2:30 pm
22	23 Summer Camp Week Five Focal Planes 7pm	24	25 Del River Fishermen's Assoc. 7pm	26 Nature Book Club 6pm Yoga 7:30pm	27 After Dark Series: Night Hike Campfire 7:30 pm - 9 pm	28 Kayaking 101 3 pm - 5 pm Full Moon Kayaking 6:30 pm - 9:30 pm
29	30 Summer Camp Week Six	31				

August 2018

Sun	Mon	Tue	Wed	Thu	Fri	Sat
			1	2 Yoga 7:30pm	3	4 Volunteer Work Day 9 am - 2 pm Earthship Tours 11 am - 1 pm
5	6 Summer Camp Week Seven Focal Planes 7pm	7	8 Artists of Bristol 7pm	9 Evenings @ Earthship: Natural Dyes 101 6:30 pm - 8 pm Yoga 7:30pm	10	11 Live Animals w/ Interns 1 pm - 2:30 pm
12	13 Summer Camp Week Eight	14	15	16 Yoga 7:30pm	17	18 Live Animals w/ Interns 1 pm - 2:30 pm
19	20 Summer Camp Week Nine Pre-K Nature Camp WCU Harps 6pm	21	22	23 Yoga 7:30pm	24	25 Kayaking 101 9 am - 11 am Live Animals w/ SLNC Interns 1 pm - 2:30 pm Full Moon Kayaking 6:30 pm - 9:30pm
26	27 Focal Planes 7pm	28	29 Del River Fishermen's Assoc. 7pm	30 Nature Book Club 6pm Yoga 7:30pm	31 After Dark Series: Night Hike Campfire 7:30 pm - 9 pm	

Friends of Silver Lake

New Members:	Elmore, Sonya	Hutchinson, Faith	Meister, Kathleen	Tomassi, Sara & Robert
Betts, Maureen	Errico, Lisa	Jenchowski, Brian & Annick	Monte, Christiane & Joseph	Toner, Monica
Bitting, Melissa	Factor, Glenn	Kearney, Tina	Oliverio, Cindy & Brian	Walsh, Shannon
Bradlow, Amy & Harrison	Felberg, Joyce	Knox, John	Pitts, Rochelle & Phillip	Ware, Gwendolyn
Bux, Laura & Dave	Ferello, Thomas	Korboukh, Elena	Rumpf, Erika & Joe	
Coomes, Shannon	Flauchner, Craig	MacKinnon, Sandra	Schultz, Amanda	
Degtyarev, Rachel	Gentile, Caren & Richard	Mazur, Karena & Martin	Shaw, Bridget & Matthew	
Derosier, Susan	Hausner, Elizabeth & Douglas	McMaster, Jacki	Shirey, Barbara & Gerald	
			Stoneberg, Terry	

Business Thank You:

Action Manufacturing Company
Advanced Sports, Inc.
Ann Ma's Attic
Anthony's Hair Styling Salon
Aquatech Tropical Fish, Inc
Beglin, Carlin & Mandio, LLP
Attorneys at Law
Birds of Paradise Flowers
Bucks County Community College—
Kids on Campus
Bucks County Hot Glass, LLC
Calm Waters Coffee Roasters
Center for Holistic Health & Education
Christine Fury
Chuck's BBQ
Dad's Hat Pennsylvania Rye Whiskey
Darlene Carey's Something Special Desserts
Dog n' Bull Brew & Music House
Earl W. Lehman, Artist
Flynn & O'Hara Uniform

Got Wine?
Harris Comfort, Inc.
Harry Gamble, Photographer/Artist
Hems Truck & Auto
Honey Sha'shaah, Reiki Master Teacher
itri Wood Fired Pizza Bar
James J. Dougherty Funeral Home Inc.
Jules @ Market
Karl Carter, Artist
Levittown Flower Boutique
Levittown Printing
Mark Carter Photography
Maureen M. Scanlin Real Estate
McCaffrey's Market
Mignoni Jewelry
Mill Street Cantina
Noahs Dove Farm
Noble Earth
Paul Cunnane, Author
Rainbows of Healing
Red Tulip Gallery

Salvatore's Cucina Pizzeria & Restaurant
Senator Robert "Tommy" Tomlinson
Spice & co.
State Representative Madeleine Dean
State Representative Tina Davis
Steve's Tees/Barking Spyder
Strauss Chiropractic Center
The Borough Pub
The Fish Factory
The Golden Eagle Diner
The O'Boyle Family
Whitaker Brothers North
Whitaker Brothers South
William Kearns Photography



Looking Ahead...

Home School Enrichment Series - Fall Session

Begins September 2018, and runs every Tuesday through November 2018. SLNC's Homeschool Enrichment Series is an option for families who take a different approach to educating their children (ages 6-18). Our 8-week program provides an opportunity for children to get hands-on experience within the STEM disciplines without the formal constraints. Each of the lessons are developed with the PA Standard Aligned System (SAS) in mind and ensure that children will excel in all settings. It is important your child dresses for the weather and is always prepared to get dirty! To register, please visit www.SilverLakeNatureCenter.org/ or call 215-785-1177.

Family Fishing Day, September 8th

This *free* event is sponsored by the Delaware River Fishermen's Association. Activities include learning about fish identification, fishing equipment, and fishing techniques. Join us for a fun and informative morning! This event is free for the family, but pre registration is required. To register, please visit www.SilverLakeNatureCenter.org/ or call 215-785-1177. Be sure to include the number of people attending.

Dog Fest Philly, October 13th - Walk 'n Roll at SLNC!

Join the fun at this accessible, family-and-dog friendly walk and festival, benefitting Canine Companions for Independence and the mission of providing highly trained assistance dogs to people free of charge. The walk includes a 1-mile route (fully accessible) around Silver Lake Nature Center followed by a celebration and family-friendly activities. All dogs (even those that are not trained service dogs) are welcome at this event!



Volunteer Opportunities

A Community Service Crafting Club

Are you tired of collecting things, but still want to craft?

Our crafting club meets the 3rd Monday of every month to make items that help other organizations fulfill their mission.

Come out and join us while earning volunteer hours for the Nature Center.

Pond and Garden Maintenance

Donate an hour a week to help to maintain the areas around the ponds, which includes weeding and mulching.

Trail Maintenance

Donate an hour a week to help maintain the trails, which includes litter removal, weeding, and the trimming back of branches.

Volunteer of the Quarter

Sue Kiernan

Sue began coming to the Nature Center when she was just nine years old (she was actually here on former SLNC Director Bob Mercer's first day on the job)! As a teenager, she became an SLNC "Eco-naut" (be sure to ask her about that next time you see her)!

As an adult, Sue became even more involved with SLNC. For several years, Sue has been assisting with the Night Hike/Campfire/Sleepover programs for Scouts, Birthdays, and Other Groups. She has also been helping out with other Special Events, including the Evening Concert Series, the White House Chef Tour, and more!

Now, we also officially welcome Sue Kiernan as a Member of the Friends of Silver Lake Board of Directors, as she has very recently been elected to this position!

Sue has been a tremendous asset to the Silver Lake Nature Center for many years and we look forward to many more!

Thank you, Sue, for generously sharing your time, talents, and resources!



Volunteer Accomplishments

This past winter and spring have been a mishmash of whirlwind weather. Fallen trees across the trail paths and rising waters kept us vigilant in our pursuit of visitor friendly trails. Our Work Day volunteers have been busy around the grounds, keeping the lawns and trails neat and tidy by removing litter, refuse and vines, along with trimming and removing branches.

In April, for our Dow-sponsored Earth Day event, we rounded up 88 volunteers from the area and partnered with organizations like Dow, G.O.A.L., Pro-Act, the Disney Store at Oxford Valley, and PA Master naturalists. Volunteers from these organizations helped to install plants in the bird blind area, split wood for the campfire programs, and removed litter from along Bath Road and Lakeland Avenue.

Our Community Crafters have completed eight more quilts for the Quilts for Kids organization, sewn surgical caps for the University of Rochester Medicine's Golisano Children's Hospital, crocheted and knitted hats and scarves for the homeless, and sewn pillowcase dresses to donate to girls in Africa.

Summer Programs and Activities

Kayaking (Beginner-Advanced) *Introduction to Kayaking, Full Moon Kayaking, Kayak Fishing*

June 2, 30, July 28, August 25
Times vary (see calendar)

Join us this summer on one of our many kayak voyages led by this years new kayak instructor, Melanie Pawlowski! Programs range from early in the morning (fishing) to late at night (full moon) and offer experiences for all skill levels. Age restrictions apply.

Space is limited.

Pre-registration required!



Before and after care available.

Join us for any one (or more) of our NINE weeks of summer camp! Children ages 6 to 14 will get personal attention with an average staff to camper ratio of 1:5.

Register Now! *In person, online at www.SilverLakeNatureCenter.org, or by phone at 215-785-1177.*

Summer Camp 2018

June 25 -
August 24
9 am - 4 pm

Calling All Preschoolers!!!

July 9 - 13, August 20 - 24
9 am - 12 pm

Four to five year olds are invited to join us for TWO weeks this summer, from July 9th - 13th AND August 20th - 24th, from 9am - 12pm.

SLNC's Preschool Nature Camp provides a half-day of fun-filled outdoor play and exploration. Our Early Childhood Education Specialist, PattiAnn Cutter, designed this program to increase children's awareness of and connection to our Natural World.



Scouting Programs & Opportunities

We offer all kinds of Girl and Boy Scout programs, including Flag Retirement Ceremonies, Badges, Journeys, Service/Volunteer Projects, and more!

Scouts can also enjoy night-time programs, such as Night Hikes and Sleepovers! Both programs include an indoor presentation focusing on nocturnal life, a walk on the trails (without flashlights), a campfire, a marshmallow roast, storytelling, and a sing-a-long.

We will also work with you to suit the needs of your group with such options as fire building, fire safety, skits, awards, and more.

Fun for Preschoolers

We offer a variety of Preschool programs. Some of the topics include: *Hibernation Happens; Ponds & Puddles; Frog Friends; Bugs & Beasties; Five Senses; Winter Wonders; and Spring Discovery.*

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



Celebrate at Silver Lake!



Silver Lake Nature Center offers many party options for children (of all ages), as well as grownup birthday parties, bridal/baby showers, anniversaries, other special events, and meetings.

Different types of parties we offer include Day-time Parties, Night Hikes, Campfires, and Kayak trips. We'll work with you to find the right program for your event. Fees vary according to program.

Some of our themes are: Butterflies; Insects; Spiders; Frogs; Rabbits; Squirrels; Worms; Dinosaurs & Cousins; Tracks & Scat; and more. If there is a nature-related theme that you'd like, but it is not listed, please let us know, and we'll work with you to make that happen, too!!

For more information on our Scouting, Preschool or Elementary Education programs and/or to schedule a program, please visit our website at www.SilverLakeNatureCenter.org and/or contact PattiAnn Cutter at pacutter@buckscounty.org or 267-880-5022.



Silver Lake Nature Center

1306 Bath Road Bristol, PA 19007

Address service requested.

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Permit #302

On The Horizon



Coming this June—

Our “Intern House” celebrates its *100th Anniversary!*

This house was built by Local Historian, Clarence King’s, father when the Silver Lake Nature Center was still farmland!

Every year, the Intern Cottage at Silver Lake Nature Center provides temporary housing for local college students working at the Nature Center. As an intern, the students get hands-on experience assisting the staff with educational programs, maintaining the grounds, and operating the Center.

To replenish some much-needed furnishings for the students and honor the Centennial Anniversary celebration of its construction, the Friends of Silver Lake Nature Center has created three donation registries at Target, Kohl’s, and Boscov’s, listing the items most in need.

To donate, simply access the registries using the First Name: *Silver Lake* and Last Name: *Nature Center* online or in store and select the item you wish to donate. Items may be dropped off at the center Tuesdays through Saturdays from 10am to 5pm, or Sundays from Noon to 5pm.

The SLNC organization thanks you for your support!