

Hawk Mountain Sanctuary

Teresa McCarthy

Inside Berks Business

June 14, June 16, July 11, July 12

2017

Inside Berks Business

- The Inside Berks Business program puts teachers from Berks County schools into businesses in Berks County for four days. The teachers are spending time to find out what skills are needed for students to be successful in the various jobs throughout Berks County. By spending the time with the business hosts, the teachers learn about the different careers so they can help their students determine which path might be best.



www.hawkmountain.org

“The mission of Hawk Mountain Sanctuary Association is to conserve birds of prey worldwide by providing leadership in raptor conservation science and education, and by maintaining Hawk Mountain Sanctuary as a model observation, research and education facility.”

June 14, 2017

- We visited 8 kestrel nesting boxes in the Kempton and New Tripoli areas.
- Someone went up the ladder to look in to see what was there. They had a basket to remove the kestrels and then each was weighed, wings measured, tail measured, checked to see if food was in throat, banded, and put back in the box.
- Some were more feisty than others.
- Ages ranged from 14-20 days old.
- Group of volunteers and two student interns. Some teachers took a workshop and this was a follow up activity.
- One was empty, one had eggs, one had birds too young to band, and four of the others had 5 kestrels and one had 2.

Banding Kestrels

- “Hawk Mountain monitors more than 200 kestrel nestboxes within a 25-mile radius surrounding the Sanctuary. Following a cleaning in March, the nest boxes are checked regularly until the young fledge in June and July. All nestlings are banded with numbered U.S. Fish and Wildlife Service aluminum bands, and most adults are color banded with a unique combination of three plastic color bands and a numbered NBS aluminum band. The former enables us to determine the subsequent one-site breeding status of birds born in the area, and the latter the lifetime reproductive success of individual adults.”

Jean-Francois Therrien, Ph.D

- Ph.D. Biology
- Academic internship fall of 2002, returned in 2011 as Senior Research Biologist.
- Leads Sanctuary's research projects in the Arctic and involved in several studies including the movement ecology of New World Vultures and Peregrine Falcons across the Americas.
- Monitors long-term American kestrel nest-box program and helps with the migration counts.











June 16, 2017

- Native Plant Garden - A group of volunteers worked on taking plugs home and filling pots with soil so they can care for the plants at home before the fall plant sale.
- The other volunteers were in the native garden pulling teasel.
- We did that for about 90 minutes, and then I got a tour of the entire garden area from two regular volunteers who maintain the space.
- Garden includes a pond, waterfall, and various native plants along with seating areas and identification plaques to explain what visitors are seeing.

Native Plant Garden

- Ryan Beltz – Engineer, dedicates time each Friday to help the volunteers maintain the space
- “The two-acre Native Plant Garden boasts more than 250 species of native flowers, trees, shrubs, grasses and vines which attract more than 40 species of butterflies and countless birds. In the pond can be seen painted turtles, frogs, and newts, as well as dragonflies and damselflies. A bird blind overlooks a second, smaller pond, with meadow in the rear.”







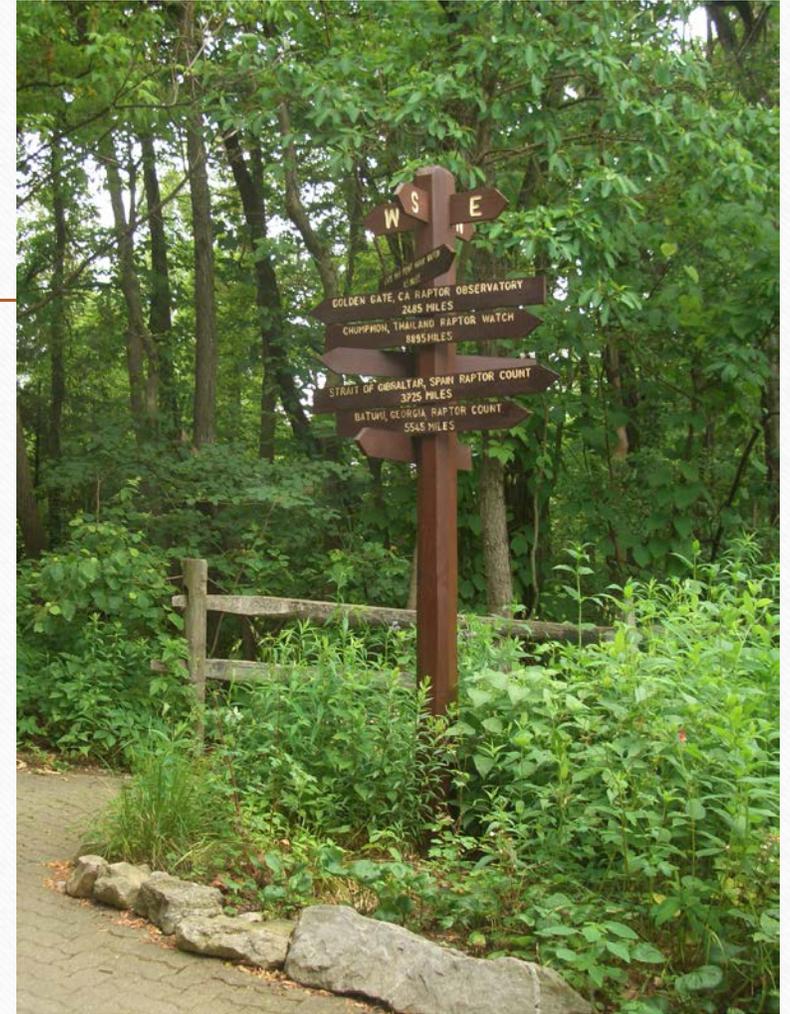
Tammy Jandrasitz

- Membership and Volunteer manager
- B.A. English. Joined Hawk Mountain in 1998.
- In charge of membership, mailings, Benefit for Birds gala, 150-200 volunteers
- Maintains database and preparing for tables at festivals to share information and gain new members
- Coordinates all volunteer activities: invasive plant pulling, trail maintenance, cleaning, membership, data entry



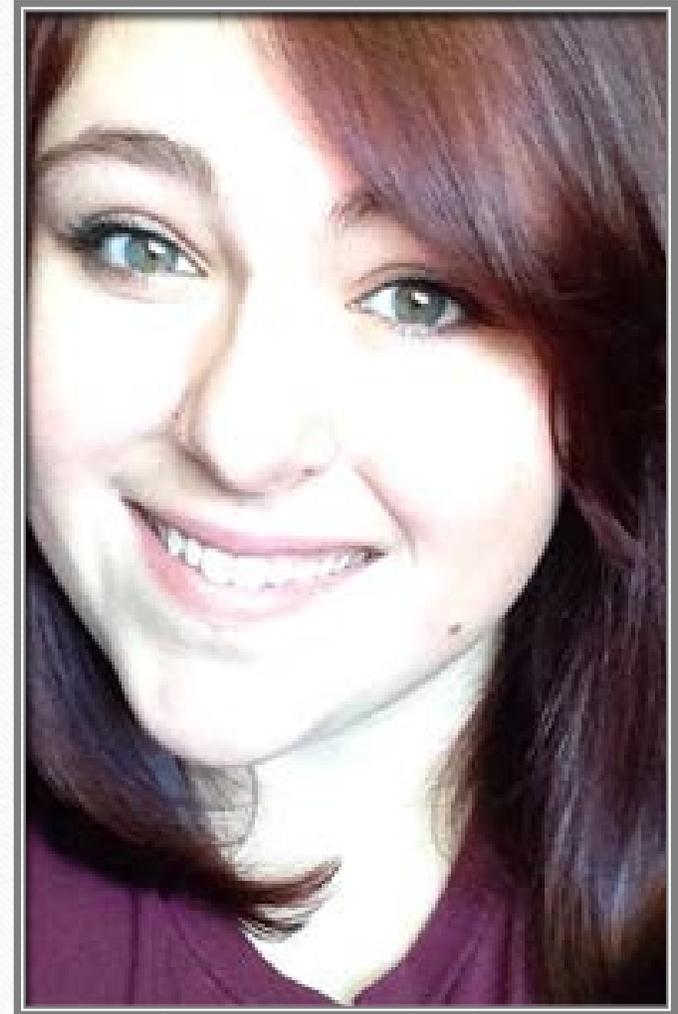
July 11, 2017

- Met with Gigi Romano, communications specialist
- Spent time with Erin Brown
- Raptor Care
- Toured Education building
- Toured Acopian Center building



Gigi Romano

- Communications Specialist
- B.A. Professional Writing.
- Joined Hawk Mountain in 2016 after internship while in college
- In charge of print and online media, newsletters (44 pages each) twice a year, annual report, website, social media, marketing, videos, photographs
- Coordinates team projects with members in other departments to support and promote their events



Erin Brown

- Director of Education
- Bachelors in Biology, Masters in Education
- Joined HM in 2014
- Curriculum development
- Contacts with schools regarding programs available at the schools or on site at Hawk Mountain Sanctuary
- Raptor care
- Paperwork for various organizations for licensing of birds and renewals
- Grant writing
- Interns
- Community Education Programs
- Guest lecturers
- Groups
- Festivals and fairs
- Public outreach programs



Raptor Care





Acopian Center

- Educational Programs
- International training/research
- Conservation science training
- Internship programs
- Library
- Maps
- Tracking devices/data
- Lodging for out of town guests and interns



July 12, 2017

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- Guided school group
 - Education building tour
 - Summer camp group – Rachel Spagnola









Greatest Asset

- Long-term monitoring of migrating birds of prey, records/data crucial to who we are and what we do
- Information and resources, science focus
- Education and learning opportunities
- Location and site

Greatest Challenge

- Fundraising unrestricted gifts
- Many staff members – communications, staying on top of all projects and communicating with all parties involved in a timely manner
- Getting everyone on board with new technology

Technology Used

- Blackbaud: Raiser's Edge
- Video
- Camera
- Mojo – for website
- MS Office
- PhotoShop
- InDesign
- MovieMaker
- Google Programs
- Dropbox
- Blogging
- Wiki Spaces
- Satellite and radio telemetry
- SMART board
- Outlook

Skills to be Successful

- Willing to learn and be truthful about not knowing something but finding the answer
- Writing
- Speaking
- Take a variety of classes
- Teamwork
- Friendly because of working with public

Hiring

- Full time staff minimum Bachelors degree
- Average salary \$30,000
- 100% paid benefits
- 3% matching retirement
- Flexible scheduling
- Sick days and personal days
- Non profit

Career Activity 1

High School 9-12

13.1.11 D. Evaluate school-based opportunities for career awareness/preparation, such as, but not limited to: • Career days • Career portfolio • Community service • Cooperative education • Graduation/senior project • Internship • Job shadowing • Part-time employment • Registered apprenticeship • School-based enterprise

- Investigate local internship and job shadowing programs in the area.
- Talk to seniors who have participated in the program.
- Talk to adults, parents, friends, to get ideas.
- Set up a time to meet with Mrs. Benz, the career specialist/counselor to share your findings and determine what else is available for you to use.

Career Activity 2

High School 9-12

13.3.11 E. Evaluate strategies for career retention and advancement in response to the changing global workplace. G. Evaluate the impact of lifelong learning on career retention and advancement.

- Interview 7-10 people in a variety of jobs
- Find out what they need to advance in the workplace
- Find out what kind of lifelong learning is required
- Do research to add to the information that the professionals shared