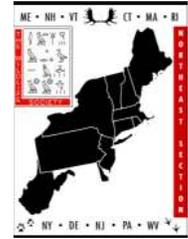




# The Wildlife Society Pennsylvania Chapter



Newsletter—Spring 2019

## President's Message

Greetings one and all!

I am honored to continue to serve the Pennsylvania Chapter of the Wildlife Society and work with the other twelve board members to promote our chapter's mission in wildlife conservation. This will be my third year on the board, and I look forward to seeing what we can accomplish in the upcoming year. For those of you who do not know me, I am currently a Wildlife and Fisheries Ph.D. candidate at Penn State University Park. During the spring semesters, I serve as adjunct faculty at the Penn State Dubois campus. I clearly bleed blue and white, having grown up and pursued multiple degrees in the Central Pennsylvania region. When I am not working in the field, lab, or classroom, I enjoy teaching hunter education, hunting, fishing, and quilting.

By all accounts, the spring meeting was a success! With 256 registrants, 31 technical sessions, 30 posters, and six workshops, I could not have been more proud to be a part of such a dedicated team of fisheries and wildlife professionals. At our joint meeting, I truly believe that we started a conversation worth having, and hope that we continue it at the national level in Reno and beyond. Again, both boards put in an incredible amount of effort to make this meeting possible. If you haven't marked your calendars yet, please do so for March 26-29, 2020. Thank you to everyone who filled out the conference survey; your suggestions will be used to set the 2020 theme!

Having had a fall field day in September of 2018 and the joint conference in February 2019, the chapter submitted a Chapter of the Year applica-

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tion to the national chapter. This application encompassed all activities from May 2018 to May 2019. Our chapter excels at facilitating communication between scientists and policymakers, a long-standing priority for TWS. My vision for the next year is to raise the profile of our chapter's successful science-policy communication initiatives, increase public awareness about TWS, and demonstrate at the state and national level how our efforts further the goals of the Commonwealth and its people. I challenge our six student chapters to make their names known in their town and own communities. The PA chapter board is furthermore considering strategies to increase visibility across Pennsylvania by establishing partnerships in citizen science programs. We look forward to sharing more of our latest ideas as more details become available!

## President's Message cont...

While the board talks amongst itself throughout the year, we would love to hear from members too! Please don't hesitate to email me ([sjm5467@psu.edu](mailto:sjm5467@psu.edu)) or the chapter email ([pachaptertws@gmail.com](mailto:pachaptertws@gmail.com)) to share your thoughts and ideas.

Cheers,

~Sara



## Executive Board Elections

The 2019 Board member election closed in February.

### **Newly-seated Board members:**

President — Sarah Mueller  
Vice President — Samara Trusso  
Past President — Calvin DuBrock  
Member At-Large — Avery Corondi  
Secretary — Emily Domoto  
NE Section Representative — Jeremy Banfield

### **Re-elected Board members:**

Treasurer — Robert W. Blye  
Member At-Large — Avery Corondi  
Member At-Large — Emily Thomas

### **Outgoing Board members:**

Jane O. Rowan  
Kyle Van Why

Special thanks are in order for our outgoing board members for their years of service. We also thank all those PA Chapter members who were willing to throw their hat in the ring. Congratulations to the new Board members.

More information on Board member terms, responsibilities, contact info, and PA TWS By-laws at our website:

<http://www.wildlife.org/pennsylvania-chapter/>

## Treasurer's Report

**PA Chapter of The Wildlife Society**  
3 April 2019

### Treasury Report

Balances as of 3 April, 2019:

Fund	Account	Annual Interest	Balance
Operating	Checking	0.0%	10,708.20
Vanguard			10,856.68
Paypal			366.35
Federal Money Mkt <sup>2</sup>			
Scholarship	STAR and Wellesley Funds	Variable	10,856.68
<b>Total:</b>			<b>\$21,931.23</b>

#### Income

Memberships, conf registrations, donations, clothing purchases and raffle proceeds

#### Expenses

Ramada and printing for conference, scholarships.

Note: We will owe about \$1500 to AFS.

**Robert Blye, Treasurer**

## The Nexus: Bridging Land and Water

The Pennsylvania Chapter of The Wildlife Society held its 2019 annual meeting jointly with the Pennsylvania American Fisheries Society February 21 - February 23 at the Ramada Inn in State College, PA. The theme for this year was “**The Nexus: Bridging Land and Water**”. Overall attendance for the conference was a staggering 265 people (184 professionals, 47 students, and 34 non-members).

On Thursday February 21st a student focused seminar was held. The session started with a panel of 6 professionals, all with varying backgrounds and experiences, enthralling the audience with their career journey and some life lessons and advice they have picked up along the way. After each panel member provided their story the panel opened up into a Q&A session where participants could ask panel members anything from, ‘how did you get your first job?’ to ‘do you have any opportunities you regret passing up?’. After the panel, past president, Cal DuBrock led the discussion on resumes, the job hunt, and interviews as well as the how’s and why’s of wildlife biologist certification through The Wildlife Society’s Professional Certification Program. Listeners learned about the qualification process and class requirements to become a certified biologist through The Wildlife Society.

Six workshops were held on Saturday February 23rd covering a wide range of topics. Unfortunately, the geological tour, was canceled due to weather and road conditions.

Fish and wildlife disease was led by Justin Brown, participants were able to ‘get their hands dirty’ and delve into necropsies to grasp a better understanding of potential disease threats fish and wildlife many encounter in their natural habitat.

Another workshop led by Lillie Langlois provided an introductory GIS course for natural resource professionals. Participants involved in this workshop had a chance to explore the growing im-

portance of geographical information systems in the computer lab on Penn State campus. The workshop provided the opportunity for both new users to ‘dip their toes in the water’ as an intro course, and as a welcomed refresher for those with more experience.



Friday’s plenary sessions were divided by land and water. The first plenary session was provided by Dustin Shull from the PA Dept of Environmental Protection where he works as a Water Program Specialist.

The second plenary session speaker was Cindy Adams Dunn, the sixth secretary of the Dept of Conservation and Natural Resources where she is a leader in land conservation, outdoor recreation, green practices, and public land management.



Three concurrent sessions were held in the afternoon focusing on a variety of topics. Thirty-one student and professional speakers gave presentations on topics ranging from water quality management practices to species specific studies in varying habitats. There was a large turnout for the poster session with 28 contributors. The afternoon was capped off with the Executive Board business meetings, which was open to all members and well-attended.

PA TWS welcomed past president Cal DuBrock and president Sara Mueller as our banquet speakers. Together they presented awards, welcomed new board members, and gave thanks to the outgoing executive board members.

Thank you all for attending, contributing, and presenting, your involvement makes our annual conference what it is—a true success.

## *Annual Conference Summary*

We had 265 registrants for the joint 2019 PA TWS and PA AFS annual conference, including 184 active and retired professionals, 47 students and 34 non-members. There was about 65% attendance by PA TWS and 35% attendance by PA AFS. A total of six Saturday workshops and a Friday student seminar.

A total of 47 students from 11 colleges attended. Colleges included: Clarion University, Indiana University of PA, Juniata College, Millersville University, Penn State University Park, Penn State DuBois, Lycoming College, SUNY College, Susquehanna University, Bloomsburg University, Temple University, and California University of PA.

The Wildlife Leadership Academy, a 501(c)(3) non-profit organization, that engages and empowers high school age youth to become Conservation Ambassadors to ensure a sustained wildlife, fisheries and natural resource legacy for future generations were in attendance at the conference. Other conservation organizations in attendance included the Wildlife Habitat Council, Middle Susquehanna River Association, Susquehanna River Basin Commission, Western PA Conservancy, Pheasants Forever, and Hawk Mountain Sanctuary.

Professionals working for a variety of different environmental and wildlife consulting and service organizations also attended. Among the organizations represented were Normandeau Associates Inc., AECOM, EA Engineering Science and Technology Inc., and Terwilliger Consulting Inc.

Finally, several government agencies were represented by professionals including the PA Game Commission, USDA Wildlife Services, PA DCNR Bureau of Forestry, USDA Forest Services, PA Department of Conservation, and the US Geological Survey PA Cooperative Fish and Wildlife Research Unit.



# Raffle and Auction Donations

The following individuals, businesses, and organizations donated items for the fundraising raffle this year. Information on donors is located at each raffle bucket. Please consider patronizing these businesses and thank those individuals and organizations for their commitment to improving the profession of wildlife management in Pennsylvania. Thanks to all donors!



Derek DeYoung  
Dr. David Argent  
Dr. Michael B. Cole  
Droll Yankees Inc.  
Estate of James Demcheck  
Hawk Mountain Sanctuary Association  
Jim's Sports Center  
Lincoln Caverns  
Midstate Engineering  
Pennsylvania AFS Chapter Members  
Pennsylvania Game Commission  
Pennsylvania TWS Chapter Members  
QDMA, Southeast Pennsylvania Branch  
Ron Argent  
Salmon Sisters  
Trident Enterprises Deer Fence / Deerbusters  
Woolrich Inc,



## Sponsorships

Back Country Hunters and Anglers (Bronze level)  
BASH Contracting Inc. (Bronze level)  
Cussewago Farms (Bronze level)  
Ernst Seed (Silver level)  
Lotek (Bronze level)  
Normandeau Associates, Inc. (Bronze level)  
Pennsylvania Game Commission (Gold Level)  
Pennsylvania Trappers Association (Gold Level)  
William Kimmel (Bronze level)



## Student Scholarship and Award Recipients



**Name:** Jeremiah Irwin  
**School:** Penn State DuBois

**Name:** Tony Kumetis  
**School:** Clarion University



**Name:** Lane Naugle  
**School:** Penn State University



The Best Student Presentation Award was earned by **Grace Lewis**, a student at Juniata College. Grace's poster was entitled "*Impact of Environmental Factors, Predators and Patch Size on the Distribution of Allegheny Woodrats.*"

**N. Scott Parkhill** received the Best Student Paper Award. Scott is a masters student at Penn State University. Scott's paper was entitled "*Using multi-scalar habitat modelling of wood thrush in central Pennsylvania to inform novel forest management.*"

## Student Scholarship Recipients

**Jessica Brown**, an undergraduate student in the Wildlife and Fisheries Science major at Penn State University, was the recipient of the 2019 Frank Felbaum Scholarship. The award is intended to assist outstanding students who are pursuing a career in the wildlife field.

Jessica plans to begin a MSc degree in entomology in the Fall of 2019. With her background in wildlife biology, she will be uniquely positioned to conduct valuable research from a one-health perspective as a Wildlife Parasitologist. Furthermore, she has a sincere desire to serve as a teacher and mentor for other students, and to represent and promote women in STEM extending the impact of her education and research. Jessica has also extended herself beyond the classroom and in a research lab, she is also a leader in the Penn State student chapter of the Wildlife Society, and she also has ridden for the Penn State Equestrian Team.



*Frank Felbaum Scholarship Winner: Jessica Brown*

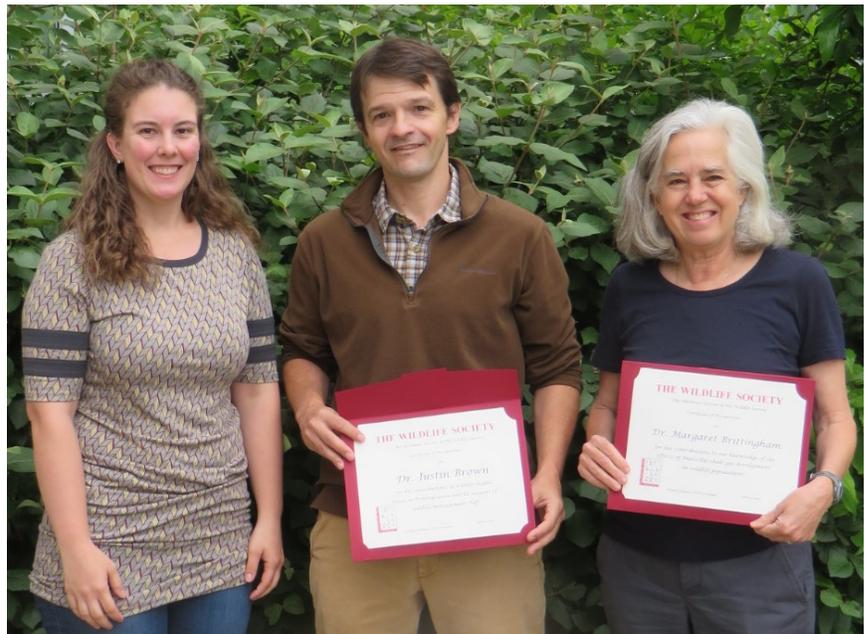
**Lauren Helms**, a student at Delaware Valley University, was the recipient of the 2019 NE field course scholarship. Lauren is the student who received the scholarship to attend the NE TWS Field Training Course for wildlife management this May.

## Professional Accolades

Congratulations to two of our PA TWS members; Dr Justin Brown and Dr Margaret Brittingham for receiving certificates of recognition from TWS Northeast Section!

Dr Justin Brown received his certificate of recognition for his contributions to wildlife health issues in Pennsylvania and his support of wildlife management staff.

Dr Margaret Brittingham received her certificate of recognition for her contributions to our knowledge of the effects of Marcellus shale gas development on wildlife populations.



*Left to Right: Sara Mueller, PA TWS Chapter President, Dr Justin Brown, Dr Margaret Brittingham*

## *Get to Know Your Board: Cal DuBrock, Past President*



In our continuing effort to acquaint PA TWS members with the PA Chapter's Executive Board Members, I was asked by newsletter editor Samantha DiLorenzo, to provide a personal profile. No guidelines...no constraints...just the fine example provided by PA TWS Treasurer Rob Blye last issue. My goal is to be relatively succinct, but share relevant professional and personal identity information so that you 'get to know me.' Some stuff you'll probably wish you never knew!

Calvin W. 'Cal' DuBrock...born in 1953...you can figure it out...born/grew up in and around New Castle, PA; first in my immediate family to graduate from high school and first to go to college. I aspired to become a physician (I was a charter member of the Lawrence County Future Physicians Club in high school), but got hooked on wildlife biology and applied ecology – I really didn't know it was a professional option – from my interest in hunting and opportunities to assist in removing nuisance wildlife, stocking fish and conducting aerial wildlife surveys during my military service.

*Personal:* Christian; married to my best friend Cindy for 45 years; 2 sons, 2 grandchildren

*Military Service:* US Army veteran (1972-1975), primarily in Alaska

*Education:* Michigan State University (BS, high honors), Virginia Tech (MS), Penn State (post graduate

work in public administration)

*TWS:* VP/P/Past President-PA TWS (2017-19 and 1985-87) and current member of the PA TWS executive board, certified wildlife biologist, TWS Certification Review Board, TWS Fellow, The 1000, TWS mentor

Professional jobs...Officially retired from daily, compensated employment...formerly the Goddard Chair in Forestry and Environmental Resource Conservation at Penn State University (2015-2018). Other jobs... Coordinator, Appalachian Landscape Conservation Cooperative (2015); Wildlife Management Director/Research Division Chief/Planning Section Chief/Biometrician, Pennsylvania Game Commission (1982-2014); Ecologist/Wildlife Biologist, U.S. Fish and Wildlife Service (1980-1982); Survey Statistician, US Department of Energy (1979-1980).

Other professional stuff I had the privilege of doing in my career...PA representative and Chair, Atlantic Flyway Council; Atlantic Flyway Council representative and Chair, National Flyway Council; member and on executive board, US North American Bird Conservation Initiative; member and NE Regional Director for the Organization of Wildlife Planners; member and Chair, Northeast Wildlife Administrators Association; Northeast Association of Fish and Wildlife Agencies representative on AFWA's CITES Technical Work Group and conference delegate to the Convention on International Trade in Endangered Species of Wild Fauna and Flora

Professional stuff I'm still engaged in...TWS certification program, PA One Health Task Force and Fellowship of Christian Conservationists.

*My most valued recognition award:* PA TWS Gordon Kirkland Lifetime Achievement Award

Some influential development stuff I took during the journey...Executive Management Program for Natural Resource Managers; Systematic Development of Informed Consent; Citizen Participation-by-Objective; Conflict Management; Accounting for Nonfinancial Managers; Decision Making/Problem Solving; Strategic Planning; Responsive Management; and Time Management

Things I most appreciate and value from my work...opportunity to meet, work with and serve others, travel, and impact conservation policy.

The most difficult and challenging aspects of my professional career...meeting and working with others, especially policy makers and political figures; teaching undergraduates

Some favorite quotes...there are dozens but here are a few...“People don’t care how much you know until they know how much you care.” *Theodore Roosevelt*; “A lie doesn’t become truth, wrong doesn’t become right and evil doesn’t become good, just because it’s accepted by the majority.” *Rick Warren*; “choose the hard right over the easy wrong” *Unknown* ; finally, none of us should ignore the obvious, “If you’re gonna be dumb, you gotta be tough.” *Roger Alan Wade*

Things I’ve learned along the way...being successful in life, professional and personal, is fundamentally about relationships, which depends on open and effective communications (I’m still working at this!); and being a life-long learner, willing to change and say “Yes” even when it takes you outside your comfort zone.

Interesting facts about me you might not know...I was curator of the US Army’s Fish and Wildlife Museum in Alaska; I am a master gardener with Penn State Extension; I’ve had the privilege of traveling to every US state and to countries on 6 continents.

Favorite day...Friday the 13<sup>th</sup> (day I met my best friend and future wife)

Stuff I like to do to relax and enjoy life...biking, walking, golfing, wine ‘tasting’, skiing, gardening, ballroom dancing, racquetball, reading and playing games

What I’d like to be known for...servant leader in my church, home and profession

How may I serve you?



Cal DuBrock, PA TWS Past President, at 2018 TWS National Conference

## Raptor Field Techniques Course at Hawk Mountain Sanctuary

Introduction To Raptor Field Techniques Course at Hawk Mountain Sanctuary: **September 12th-15th, 2019**

Raptors...four days of just raptors! The goal of this workshop is to help you build confidence in your raptor field techniques. Join Gene Jacobs of Raptor Services, LLC to learn new methods or hone existing skills at world-renowned Hawk Mountain Sanctuary during the spectacular Fall migration.

Throughout the course you will receive hands-on learning experiences with raptor: trapping methods; handling; banding; measurements; blood sampling; broadcast call surveys; telemetry and more. The course can be taken

for one credit from UW-Stevens Point Outreach Program (optional). No special training is necessary, and the class is open to the public. The workshop fee is \$525 and includes a course manual and a certificate of completion. On-site camping is available, please call for more lodging details and options. To register contact Jamie Dawson at 610-756-6000 x 209 or [dawson@hawkmountain.org](mailto:dawson@hawkmountain.org).



## BOOK CLUB: *Deer Management for Forest Landowners and*

Dr. David deCalesta and 12 other wildlife/forestry biologists have just published a book on deer management titled Deer Management for Forest Landowners and Managers based on their collective decades of research, teaching, consulting, and managing of white-tailed deer. The book is designed to help forest landowners and managers, public and private, develop programs to reduce deer density and impact on forest resources. The book is also designed to help agency biologists, college educators, consultants, and hunters understand the needs of forest landowners/stewards in managing deer impact at the actual deer management landscape level - individual forest lands owned by private landowners or managed by stewards (such as forest service biologists).

The principles and practices detailed in the book are applicable to management of all forest resources, especially as it integrates science and human dimension factors including culture, values, and perspectives. The book

includes 9 case histories that serve as examples of how incorporating the factors described in the book resulted in successful management of deer and other forest resources.

INTERESTED?

Check it out at : [www.deer-management-book.com](http://www.deer-management-book.com)

Or

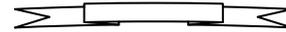
Purchase from CRC Press in paperback, hard cover and e-book formats.

### **Pennsylvania TWS Objectives**

1. To develop and promote sound stewardship of wildlife resources and of the environments upon which wildlife and humans depend.
2. To undertake an active role in preventing human-induced environmental degradation.
3. To increase awareness and appreciation of wildlife values.
4. To seek the highest standards in all activities of the wildlife profession.
5. To serve the specialized needs of Pennsylvania in wildlife resource management.

### **—Who's Who on the Board—**

2019 Executive Board Members  
Pennsylvania Chapter of The Wildlife Society



*President*.....Sara Mueller  
*Vice-President*.....Samara Trusso  
*Past President*..... Calvin DuBrock  
*Secretary*.....Emily Domoto  
*Treasurer*.....Robert W. Blye  
*Northeast Section Representative*.....Jeremy Banfield  
*Website Manager*.....Jennifer Dzimielia Martin  
*Newsletter Editor*.....Samantha DiLorenzo  
*Membership Coordinator*.....Keely Tolley Roen  
*At-Large Members*.... Emily Thomas  
Stacy Wolbert  
Aaron Haines  
Avery Corondi

## Save the Date

### **September 29th - October 3rd 2019**

#### ***The Wildlife Society & American Fisheries Society:***

American Fisheries Society and The Wildlife Society will come together for the first-ever joint national conference of these two organizations. The event will likely be the largest gathering of fish and wildlife professionals ever, registration opens in May! Conference will be in Reno, Nevada.

### **March 26th 2020**

#### ***The 2020 PA Wildlife Society Annual Meeting***



Follow us: @PA\_TWS



**Pennsylvania Chapter**

**THE WILDLIFE SOCIETY  
PENNSYLVANIA CHAPTER**

**2019 Membership Application**

Check One:  Renewal  New Member  Student Member  Lifetime Member  Dues Paid through National Headquarters

Annual Dues: \$10.00  
Student Dues: \$6.00  
Life Membership: \$200.00

The following information is  new, updated, or corrected  
 unchanged

Name:  Dr.  Mrs.  Miss  
 Mr.  Ms. \_\_\_\_\_

Address: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Telephone: Home: (\_\_\_\_) \_\_\_\_ - \_\_\_\_\_  
Office: (\_\_\_\_) \_\_\_\_ - \_\_\_\_\_ Ext. \_\_\_\_\_  
Fax: (\_\_\_\_) \_\_\_\_ - \_\_\_\_\_  
E-mail: \_\_\_\_\_

Please make checks payable to: **PA-TWS**  
(Pennsylvania Chapter of The Wildlife Society)

Mail to: Robert W. Blye  
34603 Doe Run  
Lewes DE 19958-3332

*Updated 12-2018*