

# THE NORTHEAST SECTION OF THE WILDLIFE SOCIETY NEWSLETTER

*Wayne Kliever*

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## A Message from President, Emily Just!

Summer is always a busy time for field work and other fine weather-dependent pursuits, such as hiking, gardening or horse-back riding (if you're me). The NE Section was no exception as we were hard at work making improvements to the Section!

I've been busy this summer planning for our fall NE TWS Leadership Meeting coming up in October. The meeting will be held at the Bald Eagle Nature Inn in Howard, PA on October 11. We will have a welcome social on October 10<sup>th</sup> with a fire pit and s'mores. Our executive staff, state chapter leaders, and committee members will have a chance to discuss what's happening and what's next. I am really looking forward to meeting so many people in just a few short weeks.

Our committees have been super busy this summer as well, recruiting new members (let us know if you want to be on one of our great committees!) and working hard on letters of support, workshops, nominees and other awesome stuff. The NE TWS Conservation Affairs Committee had a productive summer sending letters supporting the DOI National and Regional Climate Adaption Science Centers and maintaining the 27 National Monuments and Marine National Monuments. They are also hard at work on a draft position paper on "Managing for Biodiversity in Northeastern Forests." The Workshop Committee have already begun preparations to hold more workshops at the Northeast Fish and Wildlife Conference in Vermont next spring.

If there is anything related to the conservation and management of our section's wildlife that you would like to share with the membership in one of our newsletters, please email our Newsletter Editor Sydney Spicer ([SPICESA15@juniata.edu](mailto:SPICESA15@juniata.edu)). We want to hear from you!

Here's to a great autumn - talk to you again soon.



## Featured Photographer: Wayne Kliwer!



Wayne was born and raised in Kansas, and grew up with a love of the outdoors he got from fishing and hunting with his father. He received his bachelor's degree from Wichita State University and attended graduate school at the University of Wisconsin. In 1997, Wayne moved to New Jersey to start a new position with Exxon Research and Engineering, and retired from ExxonMobil in 2014.

In 2009, he took up nature photography and began to travel in earnest. His first nature photography related trip was to the Galapagos Islands. Since then, his travels have taken him from the Serengeti to Svalbard, to Iceland in the winter and the summer to Costa Rica, and back to the rainforests of Ecuador. Besides the international travel, he has visited Yellowstone, Yosemite, White Sands National Monument among countless other locations.

His early years in Kansas woods and fields helped his nature photography greatly, giving him a better understanding of wildlife behavior and patterns. This has allowed him to get close to many of his subjects (sometimes too close, as a snake in Ecuador proved!). He was surprised to discover that hunting was much easier than photographing the same subjects. In hunting, it did not matter if the subject was in hard sun or shadows, had brush behind, or many other variables, as long as the shot was clean and sure. In photography, the light is critical. Clean backgrounds make the photo versus the clutter of branches and brush.

Since his first nature photography trip to the Galapagos Islands in 2009, he has won over 200 awards in photo contests at the local, state, and international level. His images have been published in photography magazines and in brochures from the US Fish and Wildlife, Ding Darling Wildlife Refuge and other government agencies. Recently, he was named Nikon Photo Magazine Photographer of the Year.

Currently, he is a member of three camera clubs and judges photo contests for regional camera clubs. Wayne does not have a website for his photos, nor does he have plans to post the images with social media. Wayne said that "nature photography is for my enjoyment and challenge." However, he does gladly share images with others upon request. While he will photograph all subjects, his absolute favorites are wildlife actively pursuing their daily lives: hunting, eating, breeding, raising their young etc. While he enjoys a nice image of a bird on a branch, he much prefers that bird in flight or catching a fish. As for favorite subjects, he does not have any.

*"I truly enjoy photographing what nature has to offer."*

If you are interested or know anyone who may be interested, email Sydney at [spicesa15@juniata.edu](mailto:spicesa15@juniata.edu)

## Northeast Updates:

### Maryland-Delaware Wildlife Chapter Fall Meeting Reminder!

The MD/DE Wildlife Chapter will hold its **Fall Meeting on September 20, 2017 at the Robinson Nature Center in Columbia, MD**. We'll be revisiting a topic very important for wildlife, especially in regard to climate change & wildlife disease. We've brought together some of our area's most knowledgeable wildlife professionals to talk to us about the current state of wildlife disease. We are also trying a new type of event - a speed "dating" of wildlife professionals - but one that is filled with information on careers in the profession. It's not only for students because we can always learn from our colleagues, but I do hope as many of our student members as possible will join us!

If you plan to attend the meeting, please visit the following link to register:

<http://mddechapter.wixsite.com/mdde/upcoming-events>.

Fall Meeting: Thursday September 20, 2017

The Wildlife Society has approved a maximum of 5 Continuing Education Units for attending the Fall 2017 MD-DE Chapter Meeting.

#### Agenda

**9:00 am-** Registration, poster session

**9:30 am-** Welcome and Introduction

**9:40 am-** General Membership Meeting and Awards

**10:20 am-** "Emerging Issues in Maryland Wildlife Disease"  
- Dr. Cindy Driscoll

*Presentation on emerging issues for wildlife disease in Maryland. Update on new or changing epidemics, spread and response to current wildlife disease threats, and an assessment of future challenges. Includes updates on the MD CWD Response Plan.*

**10:50 am-** Break

**11:00 am-** "Area-Wide Integrated Lyme Management Study Update (Ticks, Mice, and Deer)" - Dr. Jennifer Murrow (UMD-College Park) and Phil Norman (Deer Management Program, Howard County Recreation and Parks)

*Update on the status of the study and what the data is indicating. Plans for future data gathering and presentation of study results to the wildlife community and the public.*

**11:30 am-** "Hemorrhagic Disease of White-tailed Deer" - George Timko, Assistant Project Leader, Maryland Department of Natural Resources, Wildlife & Heritage Service, Deer Project.

*Deer diseases have become a growing concern for biologists and outdoor enthusiasts alike. The increasing frequency and distribution of hemorrhagic disease nationwide and in Maryland has heightened public concern over the management of the deer resource. Hemorrhagic disease has no human health implications but it is one of the most significant diseases of white-tailed deer in the southeastern U.S.*

**12:00 pm-** Lunch

**12:30 pm -** Student Poster Session (Presentations)

**1:00 pm-** MD-DE Chapter Speed Networking/Professional Development Event (Dr. Carol Pollio & Dr. Jennifer Murrow to Lead)

*Speed Networking Table Topics: (7 Tables @ 10 minutes each)*

*-Navigating the federal and state hiring processes (One state rep each for MD/DE; one federal rep; Scott Bates/Dr. Cindy Driscoll)*

*-Alternative Wildlife Career Options - the Non-Profit Sector (Lowell Adams and Chris Eberly)*

*-The TWS Certification Process (Caroline Murphy and new TWS Professional Development Coordinator)*

*-The Federal 0486 Wildlife Series - what you need to know (Marnie Pepper)*

*-Building your professional experience & resume (Dr. Carol Pollio)*

*-The Academic Career track (Dr. Jennifer Murrow)*

*-Navigating the local government hiring process (Phil Norman)*

**3:00pm-** Poster Session & Awards

**3:30 pm-** Adjourn

## Northeast Updates:

### Northeast Section of The Wildlife Society Fall Meeting of the Executive Committee

October 11, 2017

Bald Eagle Nature Inn

201 Warbler Way, Howard, PA 16841

I am really excited to announce a Fall meeting for the Executive Committee, committee members and state chapter presidents (or a liaison) of the Northeast Section this year! This will be a wonderful opportunity to pull together the states and the northeast to discuss important information and get to know each other in person.

The meeting will be held at the beautiful Nature Inn at Bald Eagle State Park in Howard, Pa starting on October 10 at 8pm with a welcome social which will include s'mores by the fire. The main meeting will begin at 8am on October 11 with introductions, executive committee reports and updates from the state chapters and committees on what's being going on. Our big goals for this meeting are to network in person, develop position descriptions for executive committee members, discuss recruitment into the Section, and brainstorm how the section and chapters can better connect.

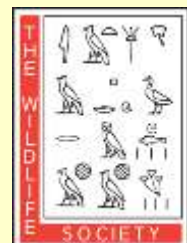
I look forward to seeing many of you in October!

-Emily Just

*Today is the final day to RSVP, so be sure to come if you can!*



### Save the Date!



The 2018 PA TWS Conference will be held March 23-24, 2018 at the Toftrees Resort in State College, PA.

## Northeast Updates:



*Photo courtesy of Penn State*

### Cooperative Fish and Wildlife Research Unit honored by U.S. Geological Survey

UNIVERSITY PARK, Pa. – The Pennsylvania Cooperative Fish and Wildlife Research Unit in Penn State's College of Agricultural Sciences has received the Excellence of Science Award from the U.S. Geological Survey.

John Organ, chief of cooperative research units for the federal agency, based in Reston, Virginia, noted that the Pennsylvania unit was honored for the quality of its science, the applicability of

its science to state cooperators, and the integration of basic and applied science in its work.

"The Pennsylvania unit, led by Duane Diefenbach, does an outstanding job of meeting cooperator research information needs," Organ wrote. "Both the Pennsylvania Game Commission and the Pennsylvania Fish and Boat Commission repeatedly state that they are highly dependent on the high-quality and timely research information provided by the Pennsylvania unit."

Diefenbach, adjunct professor of wildlife ecology, Tyler Wagner, adjunct professor of fisheries ecology, and David Walter, adjunct assistant professor of wildlife ecology – all on assignment in the Department of Ecosystem Science and Management – are very productive, Organ pointed out, having published 65 papers over the last four years. "They are highly engaged with their state cooperators," he added.

The Pennsylvania Cooperative Fish and Wildlife Research Unit is a very important component of the Department of Ecosystem Science and Management, according to Mike Messina, professor and department head. "The unit's contribution to the department's research and graduate education missions is substantial," he said. "Our relationship with the co-op unit is truly mutually beneficial to Penn State and our federal partners."

The co-op unit's scientists recruit and support graduate students, plus serve on the committees of other students and teach graduate courses, Messina explained. "They also serve on important departmental committees, and in many ways, function very much like Penn State faculty."

For its award, the Pennsylvania Cooperative Fish and Wildlife Research Unit will receive a plaque and a one-year add-on of \$1,500 to its base funds.

*This article was originally published in [Penn State News](#)*

## TWS National Updates:

### It's All About the Impact!

TWS Journals Deliver Science-Based Wildlife Management and Conservation to a Broad Audience

By Nancy Sasavage  
Director of Publications and Communications for  
The Wildlife Society and the Editor-in-chief of *The Wildlife Professional*

At the beginning of 2017, The Wildlife Society made a major commitment to increasing the impact of the Society's peer-reviewed publications: online access to TWS' three journals for all members – from students to retirees – became our newest membership benefit. This means that you can read all the latest papers in each issue of *The Journal of Wildlife Management*, the *Wildlife Society Bulletin*, and *Wildlife Monographs* on any internet-connected device, anywhere, at any time. Plus, you have access to the complete archives of these journals as part of your TWS membership.

This new benefit, worth \$75 and nearly the cost of an \$81 full membership, reinforces TWS' mission to inspire, empower and enable wildlife professionals to sustain wildlife populations and habitats through science-based management and conservation.

It also means that everything TWS publishes, which includes *The Wildlife Professional* and Technical Reviews, is free to all members.

### Higher Impact in 2016

Of course, a journal's impact is also measured by its impact factor. Love them or hate them, impact factors have a large, but controversial, influence on the way published scientific research is perceived and evaluated.

We were pleased to learn that the impact factors for each of TWS' three journals increased in 2016. The Thomson Reuters' impact factor ranking system is based on the number of times an average article is cited during the previous two years.

The *Journal of Wildlife Management's* 2016 impact factor was 1.897, up from 1.725, *Wildlife Monographs'* was 5.750, up from 5.125, and the *Wildlife Society Bulletin's* was 0.967, up from 0.781.



This good news is truly a testament to the leadership of each journal. Paul Krausman serves as editor-in-chief of the *Journal of Wildlife Management*, Dave Haukos is the *Bulletin's* editor-in-chief and Eric Hellgren, who recently stepped down, served as editor-in-chief of *Wildlife Monographs* for 10 years. Merav Ben-David was selected to replace him earlier this year.

### Planning for Future Impact

The impact factor increases are an important milestone in TWS' 2015 – 2019 strategic plan, which includes themes of being an organization recognized for expertise in science-based wildlife management and conservation and supporting, encouraging, and enabling members to conserve and manage wildlife through the application of science.

You may also recall that earlier this year, you received an invitation to participate in a survey conducted by the Publications Subcommittee chaired by Mike Conner. We were pleased that nearly 900 members participated in the survey, as well as 79 individuals who are not members, but have published in a TWS journal. The results, which are now being analyzed, will help inform the next steps we can take to improve our journals and attract more submissions.

Speaking of submissions, member interested in submitting papers to TWS' journals, can easily access the recently updated unified author guidelines to find out more. We want to encourage all members to submit papers to our journals.

## TWS National Updates:

**“It’s All About the Impact” continued...**

### More Readers Equals More Impact

Without a doubt, the impact of TWS’ journals is growing! In 2017, when online journal access became a TWS membership benefit, we greatly expanded the number of members who can regularly read each issue. In addition, last year the number of subscribing institutions grew by 25 percent for *Journal of Wildlife Management* to 4,251 worldwide and nearly tripled for the *Wildlife Society Bulletin* to 1,503. This means wildlife biologists nearly everywhere have access to and potentially can read our journals.

By more widely disseminating research on wildlife management and conservation that is scientifically based, TWS is working to have a positive impact on the sustainability of wildlife populations for future generations.

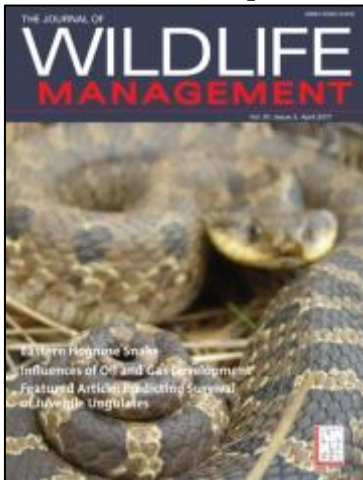
As always, watch for announcements about TWS’ journals on [www.wildlife.org](http://www.wildlife.org) and in the weekly *eWildlifer*.

### How to Access TWS Journals

To view the journals in the Wiley Online Library, simply **login** to the TWS website. Under the “Publications” tab, you will find the list of journals. Click on the one you want to view, which will take you directly to that journal’s landing page on the Wiley website.

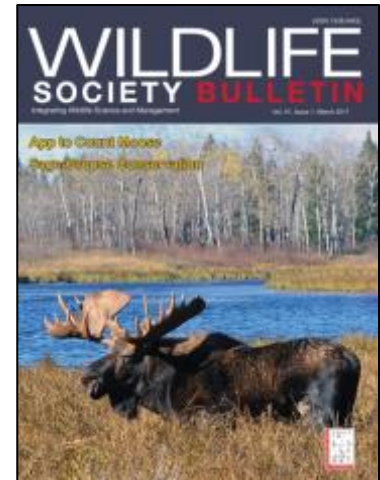
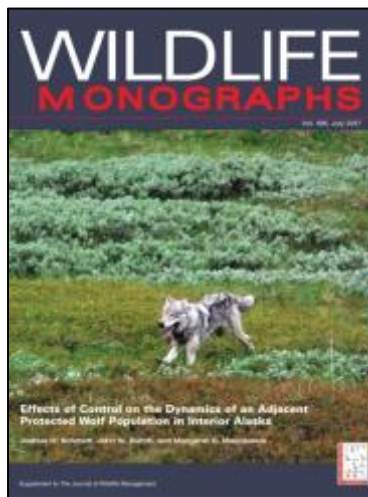
You can also **sign up** for automated delivery of the table of contents so that you are notified when each new issue is posted. This service is not part of your membership, so must register on the Wiley website.

Free apps for the TWS’ journals are available for both Apple and Android users. Go to the app store and search for the name of the journal to download the app. To access the content, you will need to enter your TWS user name and password



Published eight times per year, Editor-in-chief Paul R. Krausman emphasizes that the journal publishes papers focusing on aspects of wildlife that can assist management and conservation by providing life-history data, modeling, new analytical and quantitative approaches, theory, and new approaches to understand human dimensions.

*Wildlife Monographs, published since 1958, are single-topic, peer-reviewed studies on specific problems and issues in wildlife science, management and conservation. After 10 years, Editor-in-chief Eric Hellgren stepped down early this year. He was replaced by Merav Ben-David.*



Editor-in-chief David Haukos says the *Wildlife Society Bulletin* is an online format that focuses on manuscripts that directly assist with on-the-ground management and conservation. This peer-reviewed publication, published four times per year, contains papers related to wildlife management, law enforcement, education, economics, administration, ethics and more.

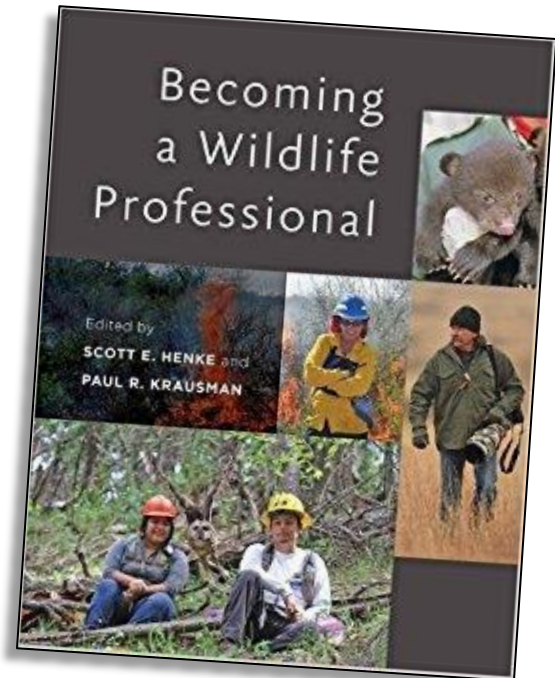
## TWS National Updates

### Becoming A Wildlife Professional:

A must have book for future wildlife professionals

“Becoming a Wildlife Professional” is the *first* comprehensive book to describe the entry-level jobs available for the next generation of wildlife biologists and conservationists. If you are a student preparing for a wildlife career or new professional looking for career advice, this new book published by The Wildlife Society in cooperation with Johns Hopkins University Press belongs in your library!

Editors Scott E. Henke and Paul R. Krausman include detailed chapters on how students should prepare for a vocation in the wildlife profession while offering pragmatic advice about applying for and obtaining a job. The book presents over 100 diverse career options that are available to aspiring wildlife workers, including work in biological field research, forestry, rehabilitation, ranching, photography and refuge management. It also details each position’s educational and technical requirements, challenges, salaries and opportunities for advancement and offers advice from a range of seasoned experts who actually hold these jobs and have used these techniques to secure employment.



“Becoming a Wildlife Professional” also conveys important philosophical messages about the responsibilities and challenges of a career in wildlife conservation and management.

With all this information in one place, the book is an essential text for wildlife science students interested in making themselves marketable for employers across a wide spectrum of wildlife jobs.

TWS members receive a 30 percent on all titles published by the Society in cooperation with Johns Hopkins University Press. Be sure to enter the discount code HTWS at checkout.

[Order your copy today.](#)





## Wildlife News



©Staci Amburgey

### Climate Change Brings Varying Risks to Wood Frogs

By Julia John

Wood frogs (*Lithobates sylvaticus*) can survive freezing solid in the winter, but they may have a harder time facing warmer temperatures brought on by climate change.

A paper published in *Global Change Biology* modeling the frogs' response to climate change throughout the United States and Canada found that southern populations of the species would be most affected by warming temperatures.

Cold-adapted animals that inhabit ephemeral wetlands from Tennessee and Kentucky to Canada and Alaska, wood frogs experience a wide variety of climates throughout their range.

"Southern populations were declining in years that were really warm," said Staci Amburgey, a PhD candidate at Pennsylvania State University and first author on the paper published in *Global Change Biology*. "With the warming climate, those populations would be the first to go locally extinct and might result in a range shift north."

Scientists often assume fluctuations in climate impact populations similarly across a species' range. But Amburgey and her colleagues wanted to analyze how a wood frog population's location in the range and the usual climate there affected its capacity to adapt to annual climatic variation.

A female wood frog lays one egg mass every year, so examining egg mass counts from the last two decades to estimate how many breeding females a population had each year, the biologists modeled populations throughout their range.

Researchers have long been interested in how rising temperatures and altered precipitation shift the ranges of such amphibians, a class of high conservation concern due to habitat loss and disease, such as the chytrid fungal disease.

The findings suggest that biologists must consider amphibian populations at a fine scale within the species' ranges, Amburgey said.

"Southern species in warming areas that are going to experience less water are going to feel the impact of climate change," she said. "If you want to predict how a species' range is going to shift, it is important to account for variability in where they are."

Article originally published by [The Wildlife Society](#)

**Featured Photos: Long Island Shorebirds**



Above: Reflecting  
Top left: Clam for Breakfast... Maybe  
Center left: Black Skimmer  
Bottom left: Cormorant Eating Large Mullet  
Below: Oystercatcher with Crab



## Membership Application

# NORTHEAST SECTION OF THE WILDLIFE SOCIETY: Membership Application

Stay connected and engaged! Please use this form to apply for membership in the Northeast Section of The Wildlife Society:

- ❖ Regular Membership [ ] (\$8 per year)
- ❖ Retired Membership [ ] (\$8 per year)
- ❖ Student Membership [ ] (\$5 per year)

Make checks payable to: “The Northeast Section, TWS.”

Mail to: Tammy Colt  
226 Hamill School Road  
Bolivar, PA 15923

Email: [tcolt@pa.gov](mailto:tcolt@pa.gov)

Name: \_\_\_\_\_

Institution/Address: \_\_\_\_\_

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

City: \_\_\_\_\_ State/Province: \_\_\_\_\_

Country/Zip (Postal) Code: \_\_\_\_\_ Daytime telephone number: ( \_\_\_\_\_ ) \_\_\_\_\_

E-mail: \_\_\_\_\_

Alternatively—

Apply for or renew your Section membership when you apply for or renew your National membership online! Visit <http://wildlife.org/membership> to complete your application.

## Who's who in the Northeast?

### Executive Board:

<p><b>President :</b> Emily Just Email: <a href="mailto:emjust@pa.gov">emjust@pa.gov</a></p> <p><b>Secretary:</b> Michael Schiavone Email: <a href="mailto:Michael.schiavone@dec.ny.gov">Michael.schiavone@dec.ny.gov</a></p> <p><b>Representative:</b> Paul Johansen Email: <a href="mailto:Paul.R.Johansen@wv.gov">Paul.R.Johansen@wv.gov</a></p>	<p><b>President-elect:</b> Michael Fishman Email: <a href="mailto:Michael.s.fishman@gmail.com">Michael.s.fishman@gmail.com</a></p> <p><b>Treasurer:</b> Tammy Colt Email: <a href="mailto:tcolt@pa.gov">tcolt@pa.gov</a></p>
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### Audit Committee

Chair	Mitch Hartley	<a href="mailto:Mitch_hartley@fws.gov">Mitch_hartley@fws.gov</a>
Treasurer	Scott Williams	<a href="mailto:Scott.Williams@ct.gov">Scott.Williams@ct.gov</a>

### Awards Committee

Chair	Gordon Batcheller	<a href="mailto:gordon.batcheller@gmail.com">gordon.batcheller@gmail.com</a>
Co-chair	Jim Anderson	<a href="mailto:jim.anderson@mail.wvu.edu">jim.anderson@mail.wvu.edu</a>

### Communications Committee

Newsletter Editor	Sydney Spicer	<a href="mailto:spicesa15@juniata.edu">spicesa15@juniata.edu</a>
Webmaster	Ken MacKenzie	<a href="mailto:Ken.mackenzie@state.ma.us">Ken.mackenzie@state.ma.us</a>
NE Representative to TWP	Shawn Haskell	<a href="mailto:Shawn.haskell@maine.gov">Shawn.haskell@maine.gov</a>

### Conservation Affairs Committee

Chair (NJ)	Eric Schradling	<a href="mailto:Eric_schradling@fws.gov">Eric_schradling@fws.gov</a>
Member (DE)	Emily Boyd	<a href="mailto:emily.boyd@state.de.us">emily.boyd@state.de.us</a>
Member (PA)	Reg Hoyt	<a href="mailto:Reginald.hoyt@delval.edu">Reginald.hoyt@delval.edu</a>
Member (ME)	Rodney Kelshaw	<a href="mailto:Rodney.kelshaw@stantec.net">Rodney.kelshaw@stantec.net</a>
Student Member	Rene Tam	<a href="mailto:rctam@syr.edu">rctam@syr.edu</a>

### Operations Committee

Chair	Tim Green	<a href="mailto:tgreen@bnl.gov">tgreen@bnl.gov</a>
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### Student Affairs Committee

Chair	Shawn Cleveland	<a href="mailto:smclevel@esf.edu">smclevel@esf.edu</a>
Member (PA)	Kyle Van Why	<a href="mailto:Kyle.r.vanwhy@aphis.usda.gov">Kyle.r.vanwhy@aphis.usda.gov</a>
Member (CT)	Dr. Miranda Davis	<a href="mailto:mldavis13@gmail.com">mldavis13@gmail.com</a>
Member (PA)	Frederic Brenner	<a href="mailto:fjbrenner@gcc.edu">fjbrenner@gcc.edu</a>
Conclave Representative	Val Titus	<a href="mailto:Valorie.titus@greenmtn.edu">Valorie.titus@greenmtn.edu</a>
Student Development Working Group Rep	Laken Ganoe	<a href="mailto:Gan5557@calu.edu">Gan5557@calu.edu</a>
Field Course Representative	Bill Healy	<a href="mailto:healybg@hotmail.com">healybg@hotmail.com</a>
Field Course (Alternate)	John McDonald	<a href="mailto:twsmdonald@gmail.com">twsmdonald@gmail.com</a>

### Workshop (ad hoc) Committee

Chair	Allen Gosser	<a href="mailto:Allen.l.gosser@aphis.usda.gov">Allen.l.gosser@aphis.usda.gov</a>
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