

JOHN P. VANEK

CURRICULUM VITAE

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EDUCATION

- 20xx. **Ph.D. in Biological Sciences**
Department of Biological Sciences
Northern Illinois University, Dekalb IL
Major Advisor: Dr. Richard B. King
2015. **M.S. in Biology with distinction**
Department of Biology
Hofstra University, Hempstead, NY
Advisor: Dr. Russell L. Burke
2010. **B.S. in Wildlife Science cum laude**
Department of Environmental and Forest Biology
SUNY College of Environmental Science and Forestry, Syracuse NY
Advisor: Dr. Mark V. Lomolino

PUBLICATIONS

Refereed Journal Articles and Notes

2017. **Vanek, J.P.** and Wasko, D.K. Spatial ecology of the eastern hog-nosed snake (*Heterodon platirhinos*) at the northeastern limit of its range. Herpetological Conservation and Biology. 12(1): 109-118.
2016. **Vanek, J.P.** “*Heterodon platirhinos* (Eastern Hog-nosed Snake). Minimum Size at Sexual Maturity.” Herpetological Review. 47(4): 683-684.
2016. **Vanek, J.P.** “*Hemidactylium scutatum* (Four-toed Salamander). Saratoga County, New York. Geographic Distribution.” Herpetological Review. 47(3): 417-417.
2015. Brown, J.P., Kanonik, A., **Vanek, J.P.**, Crown, CA, and Burke, RL. “Quantifying New York’s diamondback terrapin habitat.” Northeastern Naturalist. 22(3): 630-642
2014. **Vanek, J.P.**, Mullin, R., and Wasko, D.K. “*Heterodon platirhinos* (Eastern Hog-nosed Snake). Reproduction / Nest Site Fidelity.” Herpetological Review. 45(4): 710-711.

Submitted Manuscripts

2017. Schmidt, R.E., Kiviat E., Trigoboff, N., and **Vanek, J.P.** New Records of Clam Shrimp (Laevicaudata, Spinicaudata) from New York. Northeastern Naturalist. Accepted pending minor revision.
2016. **Vanek, J.P.**, Brown, J.P., and Crown, C.A. Observations on estuarine breeding birds in New York State. The Kingbird. Accepted pending minor revision.

Technical Reports

2016. **Vanek, J.P.**, E. M. Schaubert, and Nielsen, C.K. “Ecology of Striped Skunks in Southern Illinois” in Annual Report for Federal Aid in Fish and Wildlife Restoration Project W-135-R Cooperative Furbearer and Nongame Mammal Investigations. Illinois Department of Natural Resources. 1 pg.
2016. **Vanek, J.P.**, E. M. Schaubert, and Nielsen, C.K. “Ecology of Striped Skunks in Southern Illinois”

in 4th Quarter Report for Federal Aid in Fish and Wildlife Restoration Project W-135-R Cooperative Furbearer and Nongame Mammal Investigations. Illinois Department of Natural Resources. 1 pg.

2015. **Vanek, J.P.**, E. M. Schaubert, and Nielsen, C.K. "Ecology of Striped Skunks in Southern Illinois" in 3rd Quarter Report for Federal Aid in Fish and Wildlife Restoration Project W-135-R Cooperative Furbearer and Nongame Mammal Investigations. Illinois Department of Natural Resources. 1 pg.
2013. **Vanek, J.P.** and Wasko, D.K. Ecology of the Eastern Hog-nosed Snake at Moreau Lake State Park. NY Office of Parks, Recreation, and Historic Preservation. 51 pg.

Manuscripts in Preparation

2016. **Vanek, J.P.** and Duchak, T. "*Heterodon platirhinos* (Eastern Hog-nosed Snake). "Communal Denning." Target Journal: Herpetological Review.
2016. **Vanek, J.P.** "*Heterodon platirhinos* (Eastern Hog-nosed Snake). "Communal Hibernation." Target Journal: Herpetological Review.
2016. **Vanek, J.P.** and Cook, R. "Island occupancy of *Heterodon platirhinos* does not depend on anuran richness." Target Journal: Herpetological Review.
2016. **Vanek, J.P.** and Burke, R.B. Ecology of the Eastern Hog-nosed Snake at Jones Beach State Park. Technical Report for the NY Office of Parks, Recreation, and Historic Preservation.

Popular Articles

2015. **Vanek, J.P.** "Timber Rattlesnake, *Crotalus horridus*." Herper's Guide. <<https://web.archive.org/web/20150115225848/http://herpersguide.com/timber-rattlesnake-crotalus-horridus/>>
2015. **Vanek, J.P.** "Eastern Hognose Snake, *Heterodon platirhinos*." Herper's Guide. <<https://web.archive.org/web/20141210014438/http://herpersguide.com/eastern-hog-nosed-snake-heterodon-platirhinos/>>

Miscellaneous Publications

2014. NEPARC Disinfection Protocol. NEPARC Publication 2014-02. One of several authors as part of the Emerging Disease Working Group Members. <http://www.northeastparc.org/products/pdfs/NEPARC_Pub_2014-02_Disinfection_Protocol.pdf>
2014. **Vanek, J.P.** "Identification Guide to the Snakes of Vermont." Created for the NE Section of The Wildlife Society's Wildlife Techniques Summer Field Course. Available on request.

GRANTS, AWARDS, AND HONORS

2017. reimbursement for Laramie Occupancy modelling workshop
2016. Mileage reimbursement to present at the Madison Area Herpetological Society. \$120.
2016. Conference Fee waived to attend the Midwest Herpetological Symposium. \$50.
2015. Airfare costs to deliver Invited Talk at the Long Island Natural History Conference. \$415.
2014. Graduate Student Research in Herpetology. Chicago Herpetological Society. \$1000.
2014. Theodore Roosevelt Memorial Grant. American Museum of Natural History. \$2200.
2014. Experiment.com Crowdfunding Platform. \$1500.
2014. Summer Fellowship. Hofstra University Department of Biology. \$1800
2013. Summer Fellowship. Hofstra University Department of Biology. \$1000
2013. Donald Axinn Fellowship in Ecology and Conservation. Hofstra University. \$2500
2011. Five Hundred Hour Volunteer Award. Coastal Refuge Society.
2010. Outstanding Undergraduate Student Award, The Wildlife Society NYS Chapter.
2010. 1st Place. Student Quiz Bowl. The Wildlife Society NY Chapter Annual Meeting.
2010. 1st Place. Student Quiz Bowl. The Wildlife Society NE Student Conclave.
2009. 1st Place. Student Quiz Bowl. The Wildlife Society NE Student Conclave.

2008. 3rd Place. Student Quiz Bowl. The Wildlife Society Annual Conference.
 2006. Eagle Scout. Suffolk County Council, NY.

CONFERENCE ACTIVITY

Papers (* Invited Talks)

- 2017* **Vanek, J.P.** King, R.E., and Glowacki, G. "Dynamic Occupancy of Sympatric Ambystomatids: Landscape and Management Factors." Midwest Partners in Amphibian and Reptile Cons. Martinsville, IN. Aug 19.
2017. King, R.E. and **Vanek, J.P.** "Snake Occupancy and Abundance in Restored Grasslands" Midwest Partners in Amphibian and Reptile Conservation. Martinsville, IN.
- 2016* **Vanek, J.P.** Long Island Natural History Conference, Brookhaven National Laboratory, Upton NY. "Ecology and Natural History of the Eastern Hog-nosed Snake on Long Island." March 16.
2016. **Vanek, J.P.** and Burke, R.L. "Spatial Ecology and of Dwarfed Eastern Hog-nosed Snakes on a Barrier Island." Joint Meeting of Ichthyologists and Herpetologists. New Orleans, LA.
2013. **Vanek, J.P.** and Wasko, DK. "Spatial Ecology of the Eastern Hog-nosed Snake at the Northern Extent of its Range." Northeast Fish and Wildlife Conference. Saratoga, NY.

Posters

2016. **Vanek, J.P.**, Schauber, EM, and Nielsen, CK. "Ecology of Striped Skunk in Southern Illinois." The Wildlife Society IL Chapter Annual Meeting. Makanda, IL.
2015. **Vanek, J.P.** and Burke, R.L. "Island dwarfism in Eastern Hog-nosed Snakes on a New York barrier island." Joint Meeting of Ichthyologists and Herpetologists. Chattanooga, TN.
2014. **Vanek, J.P.** and Burke, R.L. "Ecology and body size variation of Eastern Hog-nosed Snakes in New York." The Wildlife Society National Conference. Pittsburgh, PA.
2014. **Vanek, J.P.** and Burke, R.L. "Ecology of Eastern Hog-nosed Snakes on a barrier island." Northeast Natural History Conference. Springfield, MA.
2014. **Vanek, J.P.** and Burke, R.L. "Natural history and ecology of *Heterodon platirhinos* on a New York barrier island." Long Island Natural History Conference. Upton, NY.
2014. **Vanek, J.P.** and Burke, R.L. "Island dwarfism in Eastern Hog-nosed Snakes on a NY barrier island." NE Partners in Amphibian and Reptile Conservation Annual Meeting. Salamanca, NY.
2014. **Vanek, J.P.** and Burke, R.L. "Natural history and ecology of *Heterodon platirhinos* on a New York Barrier Island." Student Conference for Conservation Science. New York, NY.
2013. **Vanek, J.P.** and Wasko, D.K. "Spatial Ecology of the Eastern Hognose Snake near its Northeastern Range Limit." Student Conference for Conservation Science. New York, NY.
2013. Figueras, M., Burke, R.L, Green, T, Calicho, A, **Vanek, J.P.** and Simon, D. "Eastern Box Turtle, *Terrapene carolina*, Home Ranges at Brookhaven National Laboratory, NY." NE Partners in Amphibian and Reptile Conservation. Branchville, NJ.
2013. **Vanek, J.P.** and Wasko, D.K. "Spatial Ecology of the Eastern Hognose Snake near its North-eastern Range Limit." NE Partners in Amphibian and Reptile Conservation. Branchville, NJ.
2013. **Vanek, J.P.** and Wasko, DK. "Spatial Ecology of the Eastern Hognose Snake near its North-eastern Range Limit." Joint Meeting of Ichthyologists and Herpetologists. Albuquerque, NM.

Attendance Only

- 2016. Midwest Herpetological Symposium. Lisle, IL.
- 2013. Pine Barrens Research Forum. Upton, NY.
- 2012. Northeast Partners in Amphibian and Reptile Conservation Annual Meeting. Bretton Woods, NH.
- 2011. The Wildlife Society IN Chapter Annual Meeting. IN.
- 2010. The Wildlife Society National Conference. Monterey, CA.
- 2010. The Wildlife Society NY Chapter Annual Meeting. NY.
- 2009. The Wildlife Society National Conference. Miami, FL.
- 2009. The Wildlife Society NY Chapter Annual Meeting. NY.
- 2008. The Wildlife Society NY Chapter Annual Meeting. NY.

TEACHING EXPERIENCE

Guest Instruction

- 2017. Northern Illinois University. Dekalb, IL. Introduction to Environmental Science. **Conservation Careers**
- 2017. Northern Illinois University. Dekalb, IL. Conservation Biology. **TBA**
- 2017. Northern Illinois University. Dekalb, IL. Conservation Biology. **Ecosystem Services.**
- 2016. Northern Illinois University. Dekalb, IL. Conservation Biology. **Herpetology and Conservation Careers.**
- 2016. Northern Illinois University. Dekalb, IL. General Ecology. **Reproductive Strategies.**
- 2016. Southern Illinois University. Carbondale, IL. Wildlife Techniques. **Radio-telemetry.**
- 2015. Montclair State University. Montclair, NJ. Herpetology Workshop. **Herpetological Field Methods.**
- 2014. Castleton University. Castleton, VT. Wildlife Techniques. **Herpetology Field Methods and Radio-telemetry.**
- 2013. Castleton University. Castleton, VT. Wildlife Techniques. **Herpetology Field Methods and Radio-telemetry.**

Adjunct Teaching

- 2014. Hofstra University, Hempstead, NY. Animal Form and Function. Fall Semester. **Instructor of Record.**
- 2014. Hofstra University, Hempstead, NY. Animal Form and Function. Spring Semester. **Instructor of Record.**
- 2014. Hofstra University, Hempstead, NY. Human Biology for Non-majors. Spring Semester. **Instructor of Record.**
- 2013. Hofstra University, Hempstead, NY. Animal Form and Function. Fall Semester. **Instructor of Record.**
- 2013. Hofstra University, Hempstead, NY. Animal Form and Function. Spring Semester. **Instructor of Record.**
- 2012. Hofstra University, Hempstead, NY. Animal Form and Function. Fall Semester. **Instructor of Record.**

Undergraduate Teaching

- 2009. SUNY ESF, Syracuse, NY. Herpetology. **Undergraduate Teaching Assistant.**
- 2009. SUNY ESF, Syracuse, NY. Applied Wildlife Science. **Undergraduate Teaching Assistant.**

Environmental Education

- 12-14. Per diem Environmental Educator. Provided education for K-12, summer camps, special needs groups, **community colleges**, the general public, and Merit Badge classes for scout groups.

RESEARCH EXPERIENCE

- 16-19. **Graduate Research Assistant. Northern Illinois University, Carbondale IL.**
Investigated the impacts of management on biodiversity based on a long-term wildlife monitoring program from Lake County, IL. Also examined the efficiency of the program.
- 15-16. **Graduate Research Assistant. Southern Illinois University, Carbondale IL.**
Investigated spatial, population, and disease ecology of Striped Skunks (*Mephitis mephitis*) across an urban-rural gradient in Southern Illinois.
- 12-15. **Masters Student. Hofstra University, Hempstead NY.**
Investigated spatial ecology, island dwarfism, and natural history of Eastern Hog-nosed Snakes (*Heterodon platirhinos*) at Jones Beach State Park, Wantagh NY.
- 12-13. **Masters Student. Hofstra University, Hempstead NY.**
Investigated spatial ecology and natural history of Eastern Hog-nosed Snakes

(*Heterodon platirhinos*) at Moreau Lake State Park, Saratoga NY.

2010. **Post-baccalaureate Intern. Archbold Biological Station, Venus FL.**
Investigated occupancy of anurans in ephemeral pools of the Lake Wales Ridge.
2007. **Literature reviewer.** SUNY-ESF. Syracuse, NY. Contributed to online field guide on the frogs of Tanzania: http://www.cepf.net/Documents/bilingual_field_guide_eacf.pdf

PROFESSIONAL SERVICE

Working Group Participation

2017. MW Partners in Amphibian and Reptile Conservation. **Citizen Science Working Group.**
14-15. NE Partners in Amphibian and Reptile Conservation. **Disease Working Group.**
2013. NE Partners in Amphibian and Reptile Conservation. **Year of the Snake Working Group.**
2010. The Wildlife Society. **Student Professional Development Working Group.**

Manuscript Review

2017. Herpetological Review. **Referee.**
2010. The Journal of Herpetology. **Referee.**

Other

- 16-xx. The Wildlife Society IL Chapter. **Social Media Content Administrator.**
14-xx. The Wildlife Society NY Chapter. **Social Media Content Administrator.**
2014. Nassau County, NY Science Fair. **Student Poster Judge.**
2013. Peconic Dunes 4-H Camp. Peconic Dunes, NY. **Science Fair Judge.**
2013. Northeast Fish and Wildlife Association Annual Meeting. **Student Poster Judge.**
2013. Northeast Fish and Wildlife Association Annual Meeting. **Student Quiz Bowl Judge.**

Professional Society Memberships

Midwest Partners in Amphibian and Reptile Conservation
Northeast Partners in Amphibian and Reptile Conservation
The Society for the Study of Amphibians and Reptiles
American Society of Ichthyologists and Herpetologists
Coastal Wildlife Refuge Society
The Wildlife Society
The Wildlife Society NE Section
The Wildlife Society NY Chapter
The Wildlife Society IL Chapter

LEADERSHIP

- 17-xx. Biological Science Graduate Student Association. Northern Illinois University, IL. **President.**
2014. Biology Club. Hofstra University, NY. **Executive Officer/Founding Member.**
10-11. Boy Scouts of America. Tidewater Council, NC. **Assistant Scoutmaster.**
2010. Syracuse Public School System National Team. Syracuse, NY. **Science Olympiad Coach.**
09-10. The Wildlife Society Student Chapter. SUNY-ESF. **President.**
- Tripled meeting attendance from previous years.
 - Doubled organization membership from previous years.
 - Earned RSO recognition for first time since club founding in the 1970s.
 - Co-organized multi-department/multi-campus Earth Day event, **raised \$2000** to pay for speaker fees (Dr. Randy Olson, Author and Filmmaker).
2009. NYS Department of Environmental Conservation. Onondaga County, NY. **Crew Leader.**
- Organized and ran field crew for distance sampling of White-tailed Deer.

- 08-10. The Wildlife Society Student Chapter. SUNY ESF. **Quiz-Bowl Captain.**
- 08-09. The Wildlife Society Student Chapter. SUNY ESF. **Secretary.**
- 06-10. Boy Scouts of America. Suffolk County Council, NY. **Assistant Scoutmaster.**

PUBLIC OUTREACH

Public Presentations

- 2017. Boone, Dekalb, and Ogle County Master Naturalists. Russel Woods Nature Center. Geona, IL. "Reptiles and Amphibians of Northeastern Illinois." September 16.
- 2016. Madison Area Herpetological Society, Madison, WI. "Ecology of Eastern Hog-nosed Snakes on a Barrier Island." October 7.
- 2016. Chicago Herpetological Society. Peggy Notebaert Nature Museum. Chicago, IL. "Ecology of Eastern Hog-nosed Snakes on a Barrier Island." September 28.
- 2016. Southern Illinois Master Naturalists. Crab Orchard NWR. Marion, IL. "Little Armored One: Natural History of the Nine-banded Armadillo." Date.
- 2015. Herpetology Enthusiasts of Southern Illinois. Southern Illinois University, Carbondale, IL. "Island Dwarfism in the Eastern Hog-nosed Snake on a Barrier Island." Date.
- 2015. NYS Parks, Recreation, and Historic Development. Theodore Roosevelt Nature Center. Wantagh, NY. "Ecology and Natural History of the Eastern Hog-nosed Snake." Date.

Primary and Secondary School Presentations

- 2017. Fairview Early Education Center. "Turtles!" Rockford, IL.
- 2016. Murphysboro High School. "Venomous Snakes of Southern Illinois." Murphysboro, IL.
- 2015. Adams School. "Reptiles and Amphibians." Creal Springs, IL.
- 2015. DuQuoin Middle School. "Careers in Science." DuQuoin, IL.
- 2014. Farmingdale High School. "Reptiles and Amphibians." Farmingdale, NY.

Miscellaneous Outreach

- 2017. Skype a Scientist. TBA.
- 2016. Genius Hour. "Amphibians." Elementary School. Allen, TX.
- 2016. Science Night, 1st Annual. "Wildlife Biology." Sparta Public School District. Sparta, IL.
- 2015. Science in the South at SIU. "Wildlife Biology." Carbondale, IL.
- 2014. Naturefest. "Reptiles and Amphibians." Moreau Lake State Park. Ganesvoort, NY.
- 2013. Naturefest. "Reptiles and Amphibians." Moreau Lake State Park. Ganesvoort, NY.
- 2012. Moreau Lake State Park Nature Center. "Eastern Hog-nosed Snakes." Ganesvoort, NY.
- 2012. Naturefest. "Reptiles and Amphibians." Moreau Lake State Park. Ganesvoort, NY.
- 2012. Balston Spa 4-H Club. "Snakes of Saratoga County." Balston Spa, NY.

PROFESSIONAL EXPERIENCE

- 2015. USDA APHIS Wildlife Services. Jamaica, NY. **Wildlife Specialist.**
Nuisance wildlife control and management at JFK International Airport.
- 2015. Florida State University. Tallahassee, FL. **Biological Technician.**
Chorus Frog field sampling and behavioral experiments.
- 2014. M&B Environmental Consulting. Rochester, NY. **Wildlife Monitor.**
Peregrine falcon nest monitoring and behavioral observations.
- 2013. Nelson Byrd Woltz Landscape Architects. Charlottesville, VA. **Herpetological Consultant.**
Pre-restoration biodiversity survey of a PA farm.

- 12-14 Town of Hempstead Department of Conservation and Waterways. **Conservation Technician.**
GIS analysis, report preparation, aquaculture. Point Lookout, NY.
- 12-14 Cold Spring Harbor Fish Hatchery and Aquarium. CSH, NY. **Environmental Educator.**
Environmental education for K-12, special needs, community college, and summer camps.
2011. Purdue University. West Lafayette, IN. **Biological Technician.**
Timber rattlesnake telemetry and herpetological sampling.
- 10-11 US Fish and Wildlife Service. Manteo, NC. **Wildlife Monitoring Intern.**
Black bear and red wolf telemetry. Camera trap and road-kill surveys. Turtle Trapping.
2010. Archbold Biological Station. Venus, Florida. **Herpetology Intern.**
Gopher tortoise telemetry, tree frog sampling, wetland delineation.
2010. Nelson Byrd Woltz Landscape Architects, Charlottesville, VA. **Herpetological Consultant.**
Pre-restoration biodiversity survey of a VA farm.
2009. Case-Western Reserve University. Cleveland, OH. **Biological Technician.**
Drift fence sampling. Morphological measurements of wood frogs.
2008. SUNY Research Foundation. Syracuse, NY. **Biological Technician**
Hellbender and crayfish surveys. Eastern massasauga habitat management.

VOLUNTEER EXPERIENCE

2017. Northern Illinois University. Afton, IL. **Aquatic trap setting.**
2017. Northern Illinois University. Harmon, IL. **Setting artificial cover boards.**
2017. Northern Illinois University. St. Charles, IL. **Measuring pond characteristics.**
2017. Lake County Forest Preserve District. Zion, IL. **Blanding's Turtle trapping and telemetry.**
2016. Audubon Society. Dekalb, IL. **Citizen scientist for Christmas Bird Count.**
2016. Northern Illinois University. Nachusa, IL. **Seed trap removal.**
2016. Northern Illinois University. Nachusa, IL. **Small mammal monitoring.**
2016. Northern Illinois University. Nachusa, IL. **Vegetation monitoring.**
2016. Northern Illinois University. Nachusa, IL. **Snake monitoring.**
2016. Free Again Wildlife Rehabilitation. Carterville, IL. **Maintenance and animal enrichment.**
2016. Illinois Dept. of Natural Resources. Murphysboro, IL. **Canada goose roundup and banding**
2016. Cooperative Wildlife Research Lab. Carbondale, IL. **River otter trapping.**
2016. Cooperative Wildlife Research Lab. Makanda, IL. **Coyote processing.**
2016. Cooperative Wildlife Research Lab. Makanda, IL. **White-tailed deer trapping.**
2015. Cooperative Wildlife Research Lab. Jonesboro, IL. **Oak regeneration surveys.**
2015. Cooperative Wildlife Research Lab. Ullin, IL. **Swamp rabbit trapping.**
2014. Rutgers University. East Islip, NY. **Atlantic coast leopard frog surveys.**
2014. Turtle Survival Alliance. Aiken, SC. **Conservation center maintenance.**
2014. Savannah River Ecology Lab. Aiken, SC. **Gopher tortoise burrow construction.**
2014. Hofstra University. Sussex Co., NJ. **Wood and bog turtle surveys.**
2014. Lido Beach. Point Lookout, NY. **Marsh clean-up.**
2013. Lido Beach. Point Lookout, NY. **Marsh clean-up.**
2013. Robert Moses State Park. Fire Island, NY. **Dune restoration.**
2012. Hofstra University. Jamaica, NY. **Diamondback terrapin nesting surveys.**
2012. Hofstra University. Sussex Co., NJ. **Wood turtle surveys.**
2012. Cold Spring Harbor Fish Hatchery and Aquarium. CS Harbor, NY. **Animal care and cleaning.**
2011. Cold Spring Harbor Fish Hatchery and Aquarium. CS Harbor, NY. **Animal care and cleaning.**
2011. Audubon Society. Dare Co., NC. **Citizen scientist for Christmas Bird Count.**
2010. Audubon Society. Suffolk Co., NY. **Citizen scientist for Christmas Bird Count.**
2010. Santa Fe College. Santa Fe, FL. **Snapping Turtle sampling.**
2010. Brookhaven National Lab. Upton, NY. **Tiger Salamander egg mass sampling.**
2010. SUNY ESF. Cobleskill, NY. **Common Merganser mist-netting and banding.**
2010. SUNY ESF. Dutchess Co., NY. **Bog Turtle sampling.**
2010. Pennsylvania Game Commission. Susquehanna, NY. **White-tailed Deer trapping.**

- 2009. Montezuma National Wildlife Refuge. Auburn, NY. **Duck box mapping.**
- 2009. Montezuma National Wildlife Refuge. Auburn, NY. **Duck trapping and banding.**
- 2009. SUNY ESF. Syracuse, NY. **White-tailed Deer disease sampling.**
- 2009. Audubon Society. Suffolk Co., NY. **Citizen scientist for Christmas Bird Count.**
- 2009. SUNY ESF. Syracuse, NY. **Vernal pool sampling.**
- 2008. Montezuma National Wildlife Refuge. Auburn, NY. **Duck trapping and banding.**
- 2008. SUNY ESF. Newcomb, NY. **Beaver surveying.**
- 2008. NYS Dept. of Env. Conservation. Syracuse, NY. **Crew Leader. White-tailed deer distance sampling.**
- 2007. NYS Dept. of Env. Conservation. Ithaca, NY. **White-tailed deer distance sampling.**

MEDIA COVERAGE

- 2017. No Author. "Snakes on the Plains!". The Nature Conservancy.
<<https://www.nature.org/ourinitiatives/regions/northamerica/unitedstates/illinois/explore/snake-research-nachusa-grasslands.xml>>
- 2016. Bottini, Mike. "Notes on the Hognose Snake." 27East: Your connections to the Hamptons.
<<http://www.27east.com/news/article.cfm/East-End/474717/Notes-On-The-Hognose-Snake>>
- 2015. Searles, Rebecca. "Hognose snake playing dead – GROSS!" Experiment.com.
<<https://www.youtube.com/watch?v=BQ9GwQluFMk>>
- 2014. No Author. "WATCH: This Snake Is an Absolute Pro at Playing Dead." ScienceAlert.
<<http://www.sciencealert.com/watch-this-snake-is-an-absolute-pro-at-playing-dead>>
- 2013. Hagerty, Meg. "Shedding new light on snakes." The Post Star.
<http://poststar.com/lifestyles/shedding-new-light-on-snakes/article_f2b03850-e4e2-11e2-8e05-001a4bcf887a.html>

PHOTO CREDITS

- 2015. Eastern Hog-nosed Snake. Page # . "Tracks & Sign of Reptiles & Amphibians: A Guide to North American Species." Filip Tkaczyk. Stackpole Books. 480 pages.
- 2015. Eastern Hog-nosed Snake. Page # . "Tracks & Sign of Reptiles & Amphibians: A Guide to North American Species." Filip Tkaczyk. Stackpole Books. 480 pages.
- 2015. Eastern Hog-nosed Snake. Page # . "Tracks & Sign of Reptiles & Amphibians: A Guide to North American Species." Filip Tkaczyk. Stackpole Books. 480 pages.
- 2015. Fowler's Toad. Page # . "Tracks & Sign of Reptiles & Amphibians: A Guide to North American Species." Filip Tkaczyk. Stackpole Books. 480 pages.
- 2015. Eastern Box Turtle. Page # . "Tracks & Sign of Reptiles & Amphibians: A Guide to North American Species." Filip Tkaczyk. Stackpole Books. 480 pages.

CERTIFICATIONS AND TRAINING

- 2017. Occupancy Modelling Workshop. Proteus Wildlife Consultants.
- 2017. Firefighter Training S-130. National Wildfire Coordinating Group
- 2017. Introduction to Wildland Fire Behavior S-190. National Wildfire Coordinating Group
- 2015. Shotgun Shooting Course. National Rifle Association.
- 2015. Basic Range Safety Course. National Rifle Association.
- 2013. CPR for the Professional Rescuer and Healthcare Provider. American Red Cross.
- 2012. Hunter Education. Vermont Department of Fish and Wildlife.
- 2012. Project WILD! Council for Environmental Education.
- 2010. Wilderness First Aid. American Red Cross.
- 2010. When Help is Delayed. American Red Cross.
- 2010. CPR for the Professional Rescuer and Healthcare Provider. American Red Cross.