

## *Curriculum Vitae*

**JAMES T. ANDERSON**  
***Certified Wildlife Biologist®***

**Director, James C. Kennedy Waterfowl and Wetlands  
Conservation Center  
James C. Kennedy Endowed Chair of Waterfowl and  
Wetland Ecology  
Professor Wildlife and Fisheries Ecology  
Clemson University  
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### **EDUCATION**

Ph.D., 1997, Texas Tech University

Major: **Wildlife Science**

Dissertation: **Invertebrate communities in vegetated playa wetlands.**

<https://ttu-ir.tdl.org/handle/2346/20160>

M.S., 1994, Texas A&M University-Kingsville

Major: **Range and Wildlife Management**

Thesis: **Wetland use and selection by waterfowl wintering in coastal Texas.**

B.S., 1991, University of Wisconsin-Stevens Point

Major: **Wildlife**

Minors: **Environmental Law Enforcement and Resource Management**

## EMPLOYMENT

August 2021– Present:

**James C. Kennedy Endowed Chair of Waterfowl and Wetland Ecology;**  
**Director James C. Kennedy Waterfowl and Wetlands Conservation Center;**  
**Professor Wildlife and Fisheries Ecology.** Clemson University, Georgetown  
South Carolina.

August 2016 – August 2021:

**Professor of Wildlife Ecology and Management.** Davis College of Agriculture,  
Natural Resources, and Design, West Virginia University, Morgantown, West  
Virginia. 40% Research; 40% Teaching; 20% Service appointment

July 2015 – August 2016:

**Professor of Wildlife Ecology and Management; Program Coordinator**  
**Wildlife & Fisheries Resources Program.** Davis College of Agriculture, Natural  
Resources, and Design, West Virginia University, Morgantown, West Virginia.  
30% Research; 35% Teaching; 35% Service appointment

September 2012 – July 2015:

**Professor of Wildlife Ecology and Management; Director Environmental**  
**Research Center; Program Coordinator Wildlife & Fisheries Resources**  
**Program.** Davis College of Agriculture, Natural Resources, and Design, West  
Virginia University, Morgantown, West Virginia. 30% Research; 35% Teaching;  
35% Service appointment

August 2010 – September 2012:

**Professor of Wildlife Ecology and Management; Director Environmental**  
**Research Center.** Davis College of Agriculture, Natural Resources, and Design,  
West Virginia University, Morgantown, West Virginia. 45% Research; 35%  
Teaching; 20% Service appointment

August 2009 – August 2010:

**Professor of Wildlife Ecology and Management; Director Environmental**  
**Research Center; Associate Director Natural Resource Analysis Center.**  
Davis College of Agriculture, Natural Resources, and Design, West Virginia  
University, Morgantown, West Virginia. 45% Research; 35% Teaching; 20%  
Service appointment

August 2007 – August 2009:

**Associate Professor of Wildlife Ecology and Management and Associate Director Natural Resource Analysis Center.** Wildlife & Fisheries Resources Program, Division of Forestry and Natural Resources, West Virginia University, Morgantown, West Virginia. 40% Research; 40% Teaching; 20% Service appointment

August 2004 – August 2007:

**Associate Professor of Wildlife Ecology and Management.** Wildlife & Fisheries Resources Program, Division of Forestry and Natural Resources, West Virginia University, Morgantown, West Virginia. 50% Research; 50% Teaching appointment

January 1999- July 2004:

**Assistant Professor of Wildlife Ecology and Management.** Wildlife & Fisheries Resources Program, Division of Forestry, West Virginia University, Morgantown, West Virginia. 50% Research; 50% Teaching appointment

August 1997-December 1998:

**Post-doctoral Research Associate/Instructor.** Department of Range, Wildlife, and Fisheries Management, Texas Tech University, Lubbock, Texas.

May 1994-August 1997:

**Research Assistant.** Department of Range, Wildlife, and Fisheries Management, Texas Tech University, Lubbock, Texas.

June 1991-April 1994:

**Graduate Fellow.** Caesar Kleberg Wildlife Research Institute, Texas A&M University-Kingsville, Kingsville, Texas.

Summer 1990:

**Wildlife Intern.** Red Rock Lakes NWR, U.S. Fish & Wildlife Service, Lakeview, Montana.

Summer 1989:

**Biological Technician.** Upper Souris NWR, U.S. Fish & Wildlife Service, Foxholm, North Dakota.

January-May 1989:

**Private Lands Wildlife Intern.** Wisconsin DNR, Fitchburg, Wisconsin.

## **COURSES TAUGHT**

Wetland Techniques, Gujarat Environmental Education and Research Foundation, India (4-day workshop)  
Introduction to Wildlife and Fisheries, WVU  
North American Model of Wildlife Management, WVU  
Restoration Ecology, WVU  
The Tradition of Hunting, WVU (co-teach)  
Wildlife and Fisheries Techniques (co-teach)  
Advanced Wildlife and Fisheries Management (co-teach)  
Wetlands Ecology and Management, Pymatuning Lab Ecology  
Applied Wetlands Ecology and Management, WVU (Graduate)  
Renewable Resource Policy and Governance, WVU (co-teach)  
Wildlife and Fisheries Policy and Administration, WVU  
Wildlife Habitat Techniques, WVU  
Waterfowl Ecology, WVU  
Prairie Ecosystem Ecology and Management, WVU  
Directed Studies: Wildlife, WVU  
Ecology and Management of Wetland Wildlife, WVU (Graduate)  
Science and Management of Natural Resources (co-teach)  
Big Game Ecology and Management, WVU co-teach)  
Short Course: Introduction to Stream Processes and Functions, WVU (lecture and co-teach lab portions)  
Short Course: Methods for Stream Channel Assessment and Analysis, WVU (lecture and co-teach lab portions)  
Freshwater Ecology and Management, Texas Tech University  
Introductory Wildlife, Texas Tech University  
Ecology and Conservation of Natural Resources, Texas Tech University  
Wildlife Conservation and Management, Texas Tech University (Graduate)  
Principles of Waterfowl Management, Texas Tech University  
Waterfowl Ecology, Texas Tech University (Graduate)  
Wildlife Investigational Techniques, Texas Tech University

## **GUEST LECTURES**

Careers in Natural Resources  
Global Forest Resources, West Virginia University (3 times)  
Natural System Design, West Virginia University

Animal Behavior, West Virginia University  
 Forest Policy, West Virginia University (5 times)  
 Forest Resource Management Planning, West Virginia University (5 times)  
 Forest Mensuration, West Virginia University (2 times)  
 Fisheries Management, Texas Tech University (4 times)  
 Advanced Fisheries Management, Texas Tech University (4 times)  
 Wildlife Investigational Techniques, Texas Tech University (12 times)  
 Range, Forest, and Wetland Plants, Texas Tech University  
 Ecology and Conservation of Natural Resources, Texas Tech University (2 times)  
 Introductory Wildlife, Texas Tech University (8 times)  
 Principles of Waterfowl Management, Texas Tech University (5 times)  
 Waterfowl Ecology, Texas Tech University (5 times)  
 Limnological Aspects of Environmental Engineering, Texas Tech University  
 Range Plants, Texas A&M University-Kingsville  
 Wildlife Habitat Management, Texas A&M University-Kingsville  
 Waterfowl Ecology, Texas A&M University-Kingsville

## PODCASTS

McCall, J. E., J. A. Bryzek, C. L. Von Haugg, M. Boucher, S. De Silva, A. MacKenzie, A. R. Suthar, A. C. Hsiung, K. L. Noe, S. Accettullo, and **J. T. Anderson**. 2022. What is a wetland? [Audio podcast]. In *The World of Wetlands*, Episode 1. The Clemson University James C. Kennedy Waterfowl and Wetlands Conservation Center. <https://open.spotify.com/episode/4DMNeDVYeLQqFNLTeKNfs>

## PEER-REVIEWED BOOKS AND MONOGRAPHS

7. **Anderson, J. T.**, editor. 2023. *Advances in Environmental Sustainability: Proceedings of the 2022 8<sup>th</sup> International Conference on Advances in Environment Research*. Springer 172 pp. ISBN 978-3-031-26364-4, ISBN 978-3-031-26365-1 (eBook) <https://doi.org/10.1007/978-3-031-26365-1>
6. **Anderson, J. T.**, and C. A. Davis, editors. 2013. *Wetland Techniques. Volume 1: Foundations*. Springer, New York, New York. 459pp. ISBN 978-94-007-6859-8
5. **Anderson, J. T.**, and C. A. Davis, editors. 2013. *Wetland Techniques. Volume 2: Organisms*. Springer, New York, New York. 332pp. ISBN 978-94-007-6903-4

4. **Anderson, J. T.**, and C. A. Davis, editors. 2013. Wetland Techniques. Volume 3: Applications and Management. Springer, New York, New York. 270pp. ISBN 978-94-007-6906-9
3. Cokendolpher, J. C., S. M. Torrence, **J. T. Anderson**, W. D. Sissom, N. Duperre, J. D. Ray, and L. M. Smith. 2008. Arachnids associated with wet playas in the Southern High Plains (Llano Estacado), U.S.A. Special Publications, Museum of Texas Tech University Number 53. 77 pages. ISBN: 1-929330-16-2.  
<https://www.depts.ttu.edu/nsrl/publications/downloads/SP54.pdf>
2. Rentch, J. S., and **J. T. Anderson**. 2006. A floristic quality index for West Virginia wetland and riparian plant communities. West Virginia Agricultural and Forestry Experiment Station Bulletin 730, Morgantown, WV. 65 pages.  
[https://researchrepository.wvu.edu/cgi/viewcontent.cgi?article=1620&context=wv\\_agricultural\\_and\\_forestry\\_experiment\\_station\\_bulletins](https://researchrepository.wvu.edu/cgi/viewcontent.cgi?article=1620&context=wv_agricultural_and_forestry_experiment_station_bulletins)
1. **Anderson, J. T.**, T. C. Tacha, G. T. Muehl, and D. Lobpries. 1996. Wetland use by waterbirds that winter in coastal Texas. National Biological Service Information and Technology Report 8. 40 pages. <https://apps.dtic.mil/dtic/tr/fulltext/u2/a347391.pdf>

## PEER-REVIEWED PUBLICATIONS

### *In Press*

- Masto, N. M., A. C. Hsiung, R. M. Kaminski, B. E. Ross, M. R. Kneece, G. L. Wilkerson, R. F. Baldwin, R. D. Hanks, E. P. Wiggers, T. H. Folk, R. D. Perry, R. H. Coen, R. C. Leland, and **J. T. Anderson**. Waterbird-habitat relationships in South Carolina: Implications for protection, restoration, and management of coastal and inland wetlands. *Restoration Ecology*. *In Press*  
<https://onlinelibrary.wiley.com/doi/full/10.1111/rec.13956>

### 2023

153. Skelly, B. P., H. L. Clipp, S. M. Landry, R. Rogers, Q. Phelps, **J. T. Anderson**, and C. T. Rota. 2023. A flexible Bayesian approach for estimating survival probabilities from age-at-harvest data. *Methods in Ecology and Evolution* 14:1061-1073. <http://doi.org/10.1111/2041-210X.14077>
152. Millikin, A. R., S. Coster, A. Welsh, and **J. T. Anderson**. 2023. Pool age and local habitat are associated with effective number of breeders in spotted salamander

- populations colonizing created vernal pools. *Diversity* 15(124):1-17. <https://doi.org/10.3390/d15020124>.
151. Millikin, A. R., D. R. Davis, D. J. Brown, S. K. Woodley, S. Coster, A. Welsh, J. L. Kerby, and **J. T. Anderson**. 2023. Prevalence of ranavirus in spotted salamander larvae from created vernal pools in West Virginia, USA. *Journal of Wildlife Diseases* 59:24-36. <https://doi.org/10.7589/JWD-D-22-00032>
150. Naunyal, M., B. Khadka, and **J. T. Anderson**. 2023. Effect of land use and land cover change on plant diversity in the Ghodaghodi Lake Complex, Nepal. *Forests* 14:(3) 529. <https://doi.org/10.3390/fl4030529>
- 2022**
149. Becker D. N., J. A. Hubbart, and **J. T. Anderson**. 2022. Biodiversity monitoring of a riparian wetland in a mixed-use watershed in the Central Appalachians, USA, before restoration. *Diversity* 14(4):304. <https://doi.org/10.3390/d14040304>
148. Brown, D. J., A. L. Gulette, K. J. Oxenrider, D. N. Becker, **J. T. Anderson**, L. Schumacher, J. L. Mota, M. B. Watson, and T. K. Pauley. 2022. Distribution records for *Trachemys scripta elegans* (red-eared slider) in West Virginia, USA. *Herpetological Review* 53:93-94.
147. Bryzek, J. A., K. L. Noe, S. De Silva, A. MacKenzie, C. L. Von Haugg, D. Hartman, J. E. McCall, W. Veselka IV, and **J. T. Anderson**. 2022. Obligations of researchers and managers to respect wetlands: practical solutions to minimizing field monitoring impacts. *Land* 11(4):481. <https://doi.org/10.3390/land11040481>
146. Landry, S. M., J. E. Roof, R. E. Rogers, A. B. Welsh, C. W. Ryan, and **J. T. Anderson**. 2022. Dietary patterns suggest West Virginia bobcats are generalist carnivores. *Journal of Fish and Wildlife Management* 13(2):447-459; e1944-687X. <https://doi.org/10.3996/JFWM-22-001>
145. Noe, K. L., C. T. Rota, M. W. Frantz, and **J. T. Anderson**. 2022. Restored and natural wetland small mammal communities in West Virginia, USA. *Land* 11(9):1482. <https://doi.org/10.3390/land11091482>
144. Olaniyi, O., D. Hlengwa, and **J. T. Anderson**. 2022. Assessing the driving forces of Guinea savanna transition using geospatial technology and machine learning in Old Oyo National Park, Nigeria. *Geocarto International* 37(27):17242–17259. <https://doi.org/10.1080/10106049.2022.2127922>

143. Rounsville Jr., T. F., R. E. Rogers, A. B. Welsh, C. W. Ryan, and **J. T. Anderson**. 2022. Novel hair snare and genetic methods for non-invasive bobcat detection. *Ecology and Evolution* 12(1):1-12. <https://doi.org/10.1002/ece3.8435>
142. Slabe, V.A., **J. T. Anderson**, B. A. Millsap, J. L. Cooper, A. R. Harmata, Marco Restani, R. H. Crandall, B. Bodenstern, P. H. Bloom, T. Booms, J. Buchweitz, R. Culver, K. Dickerson, R. Domenech, E. Dominguez-Villegas, D. Driscoll, B. W. Smith, M. J. Lockhart, D. McRuer, T. A. Miller, P. A. Ortiz, K. Rogers, M. Schwarz, N. Turley, B., M. E. Finkelstein, C. A. Triana, C. R. DeSorbo, and T. E. Katzner. 2022. Demographic implications of lead poisoning for eagles across North America. *Science* 375:779-782. <https://www.science.org/doi/10.1126/science.abj3068>
141. Xia, W., B. Zhu, Z. Shuanghu, H. Liu, X. Qu, Y. Liu, L. G. Rudstam, **J. T. Anderson**, L. Ni, and Y. Chen. 2022. Climate, hydrology, and human disturbance drive long-term (1988-2018) macrophyte patterns in water diversion lakes. *Journal of Environmental Management* 319:115726. <https://doi.org/10.1016/j.jenvman.2022.115726>

## 2021

140. Boucher, M., M. Tellez, and **J. T. Anderson**. 2021. Activity budget and behavioral patterns of American crocodiles (*Crocodylus acutus*) in Belize. *Herpetological Conservation and Biology* 16:86-94. [Boucher\\_etal\\_2021.pdf \(herpconbio.org\)](#)
139. Mota, J. L., D. J. Brown, D. M. Canning, S. M. Crayton, D. N. Lozon, A. L. Gulette, **J. T. Anderson**, I. Mali, B. E. Dickerson, M. R.J. Forstner, M. B. Watson, and T. K. Pauley. 2021. Influence of landscape condition on relative abundance and body condition of two generalist freshwater turtle species. *Ecology and Evolution* 11:5511-5521. <https://doi.org/10.1002/ece3.7450>
138. Veselka, W. IV, W. S. Kordek, and **J. T. Anderson**. 2021. Using multiple taxa and wetland classification schemes for enhanced detection of biological response signatures to human impairment. *Ecological Indicators* 133:1-6. <https://doi.org/10.1016/j.ecolind.2021.108391>
137. Zhai, J., **J. T. Anderson**, G. Yan, L. Cong, Y. Wu, L. Dai, J. Liu, and Z. Zhang. 2021. Decomposition and nutrient dynamics responses of plant litter to interactive



effects of flooding and salinity in Yellow River Delta wetland in northeastern China. *Ecological Indicators* 120:1-8. <https://doi.org/10.1016/j.ecolind.2020.106943>

## 2020

136. Boucher, M., M. Tellez, and **J. T. Anderson**. 2020. Differences in distress: variance and production of American Crocodile (*Crocodylus acutus*) distress calls in Belize. *Ecology and Evolution*. 10:9624-9634. <http://dx.doi.org/10.1002/ece3.6556>
135. Keten, A., E. Eroglu, S. Kaya, and **J. T. Anderson**. 2020. Bird diversity along a riparian corridor in a moderate urban landscape. *Ecological Indicators* 118: 106751. <https://doi.org/10.1016/j.ecolind.2020.106751>
134. Lewis, K. A., C. T. Rota, and **J. T. Anderson**. 2020. A comparison of wetland characteristics between Agricultural Conservation Easement Program and public lands wetlands in West Virginia. *Ecology and Evolution* 10:3017-3031. <http://dx.doi.org/10.1002/ece3.6118>
133. Love, J. P., and **J. T. Anderson**. 2020. Invertebrate abundance, biomass, and richness associated with an exotic invasive shrub (*Lonicera morrowii* A. Gray). *Natural Resources* 11:257-282. [https://www.scirp.org/pdf/nr\\_2020071616141128.pdf](https://www.scirp.org/pdf/nr_2020071616141128.pdf)
132. McPherson, L. A., I. Holásková, and **J. T. Anderson**. 2020. Functional equivalence of created wetland water quality: a comparison of amphibian metamorphic success. *Open Journal of Ecology* 10:418-439. <https://doi.org/10.4236/oje.2020.107027>
131. Mota, J. L., D. N. Lozon, M. N. Tenney, **J. T. Anderson**, and D. J. Brown. 2020. *Chrysemys picta marginata* (Midland Painted Turtle). Head abnormality. *Herpetological Review* 51:828.
130. Petrauski, L., S. Owen, G. Constantz, and **J. T. Anderson**. 2020. Developing a historical phenology dataset through community involvement for climate change research. *American Journal of Climate Change* 9:11-22. <https://doi.org/10.4236/ajcc.2020.91002>
129. Slabe, V. A., **J. T. Anderson**, J. Cooper, T. A. Miller, B. Brown, A. Wrona, P. Ortiz, J. Buchweitz, D. McRuer, E. Dominguez-Villegas, S. Behmke, and T. Katzner. 2020. Feeding ecology drives lead exposure of facultative and obligate avian scavengers in the eastern United States. *Environmental Toxicology and Chemistry* 39:882-892. <https://doi.org/10.1002/etc.4680>

**2019**

128. Coster, S. S., A. B. Welsh, G. Costanzo, S. Harding, **J. T. Anderson**, and T. E. Katzner. 2019. Gene flow connects coastal populations of a habitat specialist, the clapper rail (*Rallus crepitans*). Ibis 161:66-78. <http://dx.doi.org/10.1111/ibi.12599>
127. Duerr, A. E., M. Braham, T. A. Miller, J. Cooper, **J. T. Anderson**, and T. E. Katzner. 2019. Roost- and perch-site selection by golden eagles (*Aquila chrysaetos*) in eastern North America. Wilson Journal of Ornithology 131(2):310-328.
126. Flaherty, K. L., P. J. Turk, and **J. T. Anderson**. 2019. Comparing stakeholder attitudes toward white-tailed deer and rare plant management in Canaan Valley, West Virginia. Global Ecology and Conservation 16(2019) e00519. <https://doi.org/10.1016/j.gecco.2018.e00519>
125. Goodman, N. S., J. C. Eitniear, and **J. T. Anderson**. 2019. Time-activity budgets of stiff-tailed ducks in Puerto Rico. Global Ecology and Conservation 19 e00676. <https://doi.org/10.1016/j.gecco.2019.e00676>
124. Gulette, A.L., **J. T. Anderson**, and D. J. Brown. 2019. Influence of hoop-net trap diameter on capture success and size distribution of comparatively large and small freshwater turtles. Northeastern Naturalist 26:129-136. <https://doi.org/10.1656/045.026.0111>
123. Keten, A., E. Sarcan, and **J. T. Anderson**. 2019. Temporal patterns of wetland-associated bird assemblages in altered wetlands in Turkey. Polish Journal of Ecology 67:316-330. <https://doi.org/10.3161/15052249PJE2019.67.4.004>
122. Lewis, K. E., C. T. Rota, C. M. Lituma, and **J. T. Anderson**. 2019. Influence of the Agricultural Conservation Easement Program wetland practices on winter occupancy of Passerellidae sparrows and avian species richness. PLoS ONE 14(1): e0210878. <https://doi.org/10.1371/journal.pone.0210878>
121. Miller, T. A., J. L. Cooper, A. E. Duerr, M. A. Braham, **J. T. Anderson**, and T. E. Katzner. 2019. Implications for bird aircraft strike hazard by bald eagles. Journal of Wildlife Management 83:879-892. <https://DOI:10.1002/jwmg.21647>
120. Millikin, A., S. K. Woodley, D. R. Davis, and **J. T. Anderson**. 2019. Habitat characteristics in created vernal pools impact spotted salamander water-borne corticosterone levels. Wetlands 39:803-814. <https://doi.org/10.1007/s13157-019-01130-5>

119. Millikin, A. R., S. K. Woodley, D. R. Davis, I. T. Moore, and **J. T. Anderson**. 2019. Water-borne and plasma corticosterone are not correlated in spotted salamanders. *Ecology and Evolution* 9:13942-13953. <https://doi.org/10.1002/ece3.5831>
118. Petruski, L., S. F. Owen, G. D. Constantz, and **J. T. Anderson**. 2019. Changes in flowering phenology of *Cardamine concatenata* and *Erythronium americanum* over 111 years in the Central Appalachians. *Plant Ecology* 220:817-828. <https://doi.org/10.1007/s11258-019-00956-7>
117. Slabe, V., **J. T. Anderson**, J. Cooper, B. Brown, P. Ortiz, J. Buchweitz, D. McRuer, and T. Katzner. 2019. Lead in piscivorous raptors during breeding season in the Chesapeake Bay region of Maryland and Virginia, USA. *Environmental Toxicology and Chemistry* 38:862-871. <https://doi.org/10.1002/etc.4376>
116. Slabe, V. A., **J. T. Anderson**, J. Cooper, P. Ortiz, A. Wrona, M. K. Jensen, J. Buchweitz, and T. Katzner. 2019. Lead exposure of red-shouldered hawks during the breeding season in the central Appalachians, USA. *Bulletin of Environmental Contamination and Toxicology* 103:783-788. <https://doi.org/10.1007/s00128-019-02732-9>

## 2018

115. Beskardes, V., A. Keten, Z. Arslangundogdu, and **J. T. Anderson**. 2018. Habitat use by tit species in the Yuvacik Watershed, Turkey. *Fresenius Environmental Bulletin* 27:9033-9039.
114. Coster, S. S., A. B. Welsh, G. Costanzo, S. Harding, **J. T. Anderson**, S. B. McRae, and T. E. Katzner. 2018. Genetic analyses reveal cryptic introgression in secretive marsh bird populations. *Ecology and Evolution* 2018(8):9870-9879. <https://doi.org/10.1002/ece3.4472>
113. Flaherty, K. L., W. N. Grafton, and **J. T. Anderson**. 2018. White-tailed deer florivory influences the population demography of *Polemonium vanbruntiae*. *Plant Biosystems* 152:453-463.
112. Flaherty, K. L., J. S. Rentch, W. N. Grafton, and **J. T. Anderson**. 2018. Timing of white-tailed deer browsing affects wetland plant communities. *Plant Ecology* 219:313-324.

111. Flaherty, K. L., J. S. Rentch, and **J. T. Anderson**. 2018. Wetland seed dispersal by white-tailed deer in a large freshwater wetland complex. *AoB PLANTS* 10(1):plx074, <https://doi.org/10.1093/aobpla/plx074>.
110. Goodman, N. S., J. C. Eitniear, and **J. T. Anderson**. 2018. Flock size of West Indian Whistling-Ducks (*Dendrocygna arborea*) in Puerto Rico. *Journal of Caribbean Ornithology* 31:23-25.
109. Katzner, T. E., M. J. Stuber, V. A. Slabe, **J. T. Anderson**, J. L. Cooper, L.L. Rhea, and B. A. Milsap. 2018. Origins of lead in populations of wild raptors. *Animal Conservation* 21:232-240. DOI: 10.1111/acv.12379
108. McCoard, K. R. P., N. S. McCoard, and **J. T. Anderson**. 2018. Observations of wood turtle activity, diet, movements, and morphometrics in the Central Appalachians. *Northeastern Naturalist* 25:513-531.
107. Stiffler, L. L., **J. T. Anderson**, and T. E. Katzner. 2018. Evaluating autonomous acoustic surveying techniques for rails in tidal marshes. *Wildlife Society Bulletin* 42:78-83. DOI: 10.1002/wsb.860
106. Stiffler, L. L., **J. T. Anderson**, and T. E. Katzner. 2018. Occupancy modeling of autonomously recorded vocalizations to predict distribution of Rallids in tidal wetlands. *Wetlands* 38:605-612.
105. Stiffler, L. L., K. M. Schroeder, **J. T. Anderson**, S. B. McRae, and T. E. Katzner. 2018. Quantitative acoustic differentiation of cryptic species illustrated with king and clapper rails. *Ecology and Evolution* 2018(8):12821-12831  
<https://doi.org/10.1002/ece3.4711>

## 2017

104. Boucher, M., M. Tellez, and **J. T. Anderson**. 2017. A tail of two crocs: coding tail-spot patterns for individual identification of American (*Crocodylus acutus*) and Morelet's (*Crocodylus moreletii*) crocodiles. *Mesoamerican Herpetology* 4:760-772.
103. Clipp, H. L., M. L. Peters, and **J. T. Anderson**. 2017. Winter waterbird composition and use at created wetlands in West Virginia, USA. *Scientifica* 2017. Article ID 1730130. 13 pp. doi:10.1155/2017/1730130.  
<https://www.hindawi.com/journals/scientifica/2017/1730130/>

102. Goodman, N. S., J. C. Eitniear, and **J. T. Anderson**. 2017. Diurnal and nocturnal dive durations and inter-dive intervals of stiff-tailed ducks in Puerto Rico. *Waterbirds* 40:396-402.
101. McPherson, L. A., I. Holásková, and **J. T. Anderson**. 2017. Improved retention of visible implant alphanumeric tags in green frog (*Rana clamitans*) tadpoles. *Herpetological Review* 48:53-57.
100. Stiffler, L. L., **J. T. Anderson**, A. B. Welsh, S. R. Harding, G. R. Costanzo, and T. E. Katzner. 2017. Diel variation in detection and vocalization rates of king (*Rallus elegans*) and clapper (*R. crepitans*) rails in intracoastal waterways. *Waterbirds* 40:263-271.
99. Strain, G. F., P. J. Turk, A. N. Tri, and **J. T. Anderson**. 2017. Anuran occupancy of created wetlands in the Central Appalachians. *Wetlands Ecology and Management* 25:369-384.
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21. Rentch, J.S., **J. T. Anderson**, and R. H. Fortney. 2009. Plant communities of Abe's Run wetland, Canaan Valley State Park. *In* Canaan Valley and its Environs: A Landscape Heritage Celebration. Canaan Valley Institute, Davis, West Virginia.  
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20. Smith, J. S. A. Welsh, **J. T. Anderson**, and R. H. Fortney. 2009. Water quality trends (1980-1993) in the Blackwater River Watershed, West Virginia. *In* Canaan Valley and its Environs: A Landscape Heritage Celebration. Canaan Valley Institute, Davis, West Virginia.  
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19. Warren, K.A., and **J. T. Anderson**. 2009. Vegetation of old-field habitats on the Canaan Valley National Wildlife Refuge. *In* Canaan Valley and its Environs: A Landscape Heritage Celebration. Canaan Valley Institute, Davis, West Virginia.  
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16. Edwards, J. E., **J. T. Anderson**, and M. Jones. 2008. WMAN 100: The tradition of hunting. Transactions of the 73<sup>rd</sup> North American Wildlife and Natural Resources Conference 73:153-160.
15. Rentsch, J. S., and **J. T. Anderson**. 2008. Trembling aspen dynamics in Canaan Valley, West Virginia. Pages 413-422 *in* D. F. Jacobs and C. H. Michler, eds. Proceedings, 16th Central Hardwood Forest Conference; 2008 April 8-9; West Lafayette, IN. Gen. Tech. Rep. NRS-P-24. Newtown Square, PA: USDA Forest Service, Northern Research Station.

### 2007

14. Hedrick, L. B., S. A. Welsh, **J. T. Anderson**, and J. D. Hedrick. 2007. Evaluation of a new sediment sampling device. Proceedings of the Annual Conference Southeast Association of Fish and Wildlife Agencies 61:35-39.
13. Tatu, K. S., **J. T. Anderson**, and L. J. Hindman. 2007. Predictive modeling for submerged aquatic vegetation (SAV) decline due to mute swans in the Chesapeake Bay. North American Swans: Bulletin of the Trumpeter Swan Society 33:140-147.

### 2004

12. **Anderson, J. T.**, J. D. Osbourne, and R. L. Ward. 2004. Integrating riparian restoration to promote wildlife habitat with natural stream channel design on mine land habitats. Proceedings of the Twenty-first Annual American Society of Mining and Reclamation Meeting 21:47-73.
11. Helon, D. A., **J. T. Anderson**, C. P. Dwyer, and J. W. Edwards. 2004. Summer home range size and habitat use by river otters in Ohio. Proceedings IX<sup>th</sup> International Otter Colloquium Volume 21A.  
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### 2003

10. Weaver, H. W., **J. T. Anderson**, J. W. Edwards, and T. Dotson. 2003. Physical and behavioral characteristics of nuisance and non-nuisance black bears in southern West Virginia. Proceedings of the Southeastern Association of Fish and Wildlife Agencies 57:308-316. <https://seafwa.org/sites/default/files/journal-articles/Weaver-308-316.pdf>

**2002**

9. **Anderson, J. T.**, G. M. Forcey, J. D. Osbourne, and A. B. Spurgeon. 2002. The importance and use of wildlife management plans: an example from the Camp Dawson Collective Training Area. *Proceedings of the West Virginia Academy of Sciences: Camp Dawson Symposium* 74:8-17.
8. Butler, L., V. A. Kondo, and **J. T. Anderson**. 2002. Moth occurrence and abundance on the Camp Dawson Collective Training Area, Kingwood, West Virginia. *Proceedings of the West Virginia Academy of Sciences: Camp Dawson Symposium* 74:27-38.
7. Forcey, G. M., and **J. T. Anderson**. 2002. Variation in bird detection probabilities and abundances among different point count durations and plot sizes. *Proceedings of the Southeastern Association of Fish and Wildlife Agencies* 56:331-342.
6. Forcey, G. M., and **J. T. Anderson**. 2002. An assessment of avian fauna on the Camp Dawson Collective Training Area, Kingwood, West Virginia. *Proceedings of the West Virginia Academy of Sciences: Camp Dawson Symposium* 74:39-55.
5. Osbourne, J. D., and **J. T. Anderson**. 2002. Small mammal response to coarse woody debris in the Central Appalachians. *Proceedings of the Southeastern Association of Fish and Wildlife Agencies* 56:198-209.  
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4. Osbourne, J. D., **J. T. Anderson**, D. A. Helon, M. A. Menzel, J. M. Menzel, J. B. Johnson, S. F. Owen, and J. W. Edwards. 2002. Mammals of the Camp Dawson Collective Training Area in Preston County, West Virginia. *Proceedings of the West Virginia Academy of Sciences: Camp Dawson Symposium* 74:56-71.
3. Osbourne, J. D., **J. T. Anderson**, L. B. Williams, and J. A. Simcoe. 2002. Natural resource management on the Camp Dawson Collective Training Area in Preston County, West Virginia. *Proceedings of the West Virginia Academy of Sciences: Camp Dawson Symposium* 74:1-7.
2. Spurgeon, A. B., and **J. T. Anderson**. 2002. Herpetofaunal abundance and distribution on the Camp Dawson Collective Training Area, Preston County, West Virginia. *Proceedings of the West Virginia Academy of Sciences: Camp Dawson Symposium* 74:72-86.

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### PEER EDITED (or INVITED) PUBLICATIONS

#### 2023

56. MacKenzie, A., W. E. Veselka, P. Kinder, M. P. Strager, S. T. Grushecky, J. A. Hubbart, and **J. T. Anderson**. 2023. Restoring a first order stream and adjacent riparian wetlands in West Virginia: Integrating lessons from wetland science and practice. *Wetland Science and Practice* 41(2):61-69. 10.13140/RG.2.2.12667.49443
55. Xi, C., W. Jixan, X. Geng, W. Dong, A. Chronis, and **J. T. Anderson**. 2023. Guangdong-Hong Kong-Macao Greater Bay Area. Harbor Overseas, Institute for Global Cooperation and Understanding (iGCU) at Peking University, Hong Kong Institution for International Finance. *Asia Smart City Quarterly Review* 2023Q2:1-9. <https://en.igcu.pku.edu.cn/info/1015/3590.htm>

#### 2022

54. Gulette, A. L., D. J. Brown, and **J. T. Anderson**. 2022. Geographical distribution. *Chelydra serpentina* (snapping turtle). *Herpetological Review* 53:440-441.
53. Gulette, A. L., D. J. Brown, and **J. T. Anderson**. 2022. Geographical distribution. *Apalone spinifera* (spiny softshell). *Herpetological Review* 53:260.
52. Gulette, A. L., D. J. Brown, and **J. T. Anderson**. 2022. Geographical distribution. *Sternotherus odoratus* (Eastern musk turtle). *Herpetological Review* 53:261-262.
51. Gulette, A. L., D. J. Brown, L. Schumacher, and **J. T. Anderson**. 2022. Geographical distribution. *Pseudemys rubriventris* (Northern red-bellied cooter). *Herpetological Review* 53:261.

#### 2021

50. **Anderson, J. T.** 2021. Harvest of fish and wildlife: New paradigms for sustainable management. (Book Review). *Journal of Field Ornithology* 92:537. <https://doi.org/10.1111/jof.12391>

**2020**

49. **Anderson, J. T.**, and K. Dodge. 2020. In MEMORIAM. Robert Craig Whitmore, 1947 – 2019. *The Auk: Ornithological Advances* 137:1-2.  
<https://doi.org/10.1093/auk/ukaa013>.

48. **Anderson, J. T.** 2020. My journey as a wetland scientist: from under the *Sphagnum* moss to the top of the mountain. Pages 6 – 10 (Chapter 2) in *History of Wetland Science: A perspectives from Wetland Leaders*, D. A. Wilcox, editor. Amazon Press.

**2019**

47. **Anderson J. T.**, L. Petrauski, S. Owen, and G. Constantz. 2019. Flowering phenology of spring ephemerals in the Appalachians. *Research OUTREACH* (111:34-37. <https://researchoutreach.org/articles/flowering-phenology-of-spring-ephemerals-in-the-appalachians/> (Accessed 2020/01/06)

**2017**

46. **Anderson, J. T.** 2017. Jalaplavit's Wetland Guru conducts a wetland techniques workshop at Nal Sarovar, India. *Jalaplavit* 7(1):15-18.

45. Yannuzzi, S. and **Anderson, J. T.** 2017. North America's Duck Factory: the prairie Pothole Region. *Jalaplavit* 7(2):5-15.

**2015**

44. **Anderson, J. T.** 2015. Exploring wetlands with the Wetland Guru..! *Jalaplavit* 6(2):15-22.

43. Boucher, M. and **J. T. Anderson.** 2015. Conservation and ecology of American crocodiles in Belize, Central America. *Jalaplavit* 6(2):5-14.

**2014**

42. **Anderson, J. T.** 2014. Arise. (Video Review). *Science Books and Films* 50(4):110.

41. **Anderson, J. T.** 2014. Light from light and power of flowers. (Video Review). *Science Books and Films* 50(2):57.

### **2013**

40. **Anderson, J. T.** 2013. Exploring wetlands with the Wetland Guru..! *Jalaplavit* 4(2):11-14.
39. **Anderson, J. T., H. Clipp, R. Hager, A. Ketan, and Z. Zaimoglu.** 2013. Conceptualizing a wetland research agenda for developing countries. *Jalaplavit* 4(3):5-13.
38. **Anderson, J. T.** 2013. Birds of paradise: revealing the world's most extraordinary birds. (Book Review). *Science Books and Films* 49(5):116-117.
37. **Anderson, J. T.** 2013. Chesapeake Bay. Pages 454–457 *in* *Biomes and Ecosystems: An encyclopedia*, Golson Media.
36. **Anderson, J. T.** 2013. Wetlands. Pages 92–97 *in* *Biomes and Ecosystems: An encyclopedia*, Golson Media.

### **2012**

35. **Anderson, J. T.** 2012. Exploring wetlands with the Wetland Guru..! *Jalaplavit* 3(2):7-9.
34. **Anderson, J. T.** 2012. Barn owl. (Book Review). *Science Books and Films* 48(1):23-24.
33. **Anderson, J. T.** 2012. SoLa: Louisiana water stories. (DVD Review). *Science Books and Films* 48(9):255.
32. **Anderson, J. T.** 2012. A defining moment for wetlands: Is it a wetland or is it not a wetland? *Jalaplavit* 3(1):5-9.
31. **Anderson, J. T.** 2012. Carnivores of the world. (Book Review). *Science Books and Films* 48(2):52.

### **2011**

30. **Anderson, J. T.** 2011. Super species: The creatures that will dominate the planet. (Book Review). *Science Books and Films* 47(9):189-190.

### **2010**

29. **Anderson, J. T.** 2010. 100 heartbeats: The race to save the earth's most endangered species. (Book Review). *Science Books and Films* 46(9):237.
28. **Anderson, J. T.** 2010. *Species: a history of the idea* (Book Review). *Science Books and Films* 46(2/3):50.
27. **Anderson, J. T.** 2010. A place for frogs (Book Review). *Science Books and Films* 46(10):275.
26. **Anderson, J. T.** 2010. Panda nursery (DVD Review). *Science Books and Films* 46(12):325.

### **2009**

25. **Anderson, J. T.,** and A.M. Anderson. 2009. What's being taught in wetland classes? *Wetland Science and Practice* 26(2):22-26.
24. **Anderson, J. T.** 2009. Adventures of a wetland naturalist. *Jalaplavit*. August 2009:3-6.
23. **Anderson, J. T.** 2009. Tuna: a love story. (Book Review). *Science Books and Films* 45(2): March/April 2009.
22. **Anderson, J. T.** 2009. Flip, Float, Fly: Seeds on the Move (Book Review). *Science Books and Films* 45(1): January/February 2009.
21. **Anderson, J. T.** 2009. Wild blue: A natural history of the world's largest animal (Book Review). *Science Books and Films* 45(6):211.

### **2008**

20. **Anderson, J. T.** Peterson Field Guide to Birds of North America (Book Review). *Science Books and Films* 44(6): November/December 2008.

### **2007**

19. **Anderson, J. T.** 2007. Ecology of Freshwater and Estuarine Wetlands (Book Review). *Journal of Wildlife Management* 71:2114-2115.
18. **Anderson, J. T.** 2007. This Tender Place: the Story of a Wetland Year. (Book Review). *Science Books and Films* 43(6):262.



17. **Anderson, J. T.** 2007. Invasive aquatic and wetland plants. (Book Review). Science Books and Films 43(3): May/June 2007.
16. **Anderson, J. T.** 2007. Just for Elephants. (Book Review). Science Books and Films 43(2):87.
15. **Anderson, J. T.** 2007. Lost Mountain: a Year in the Vanishing Wilderness: Radical Strip Mining and the Devastation of Appalachia. (Book Review). Science Books and Films 43(1):27.

#### **2006**

14. **Anderson, J. T.** 2006. Invertebrates of Central Texas Wetlands. The Quarterly Review of Biology. (Book Review). 81:181.

#### **2004**

13. **Anderson, J. T.** 2004. The Beaver: Natural History of a Wetlands Engineer. (Book Review). Science Books and Films 40:29-30.

#### **2003**

12. **Anderson, J. T.** The Salmon Forest (Video Review). Science Books and Films 39:184.
11. **Anderson, J. T.** Ecosystems in Action 2: The Web of Life, The Great Lakes Ecosystem, A New England Pond (DVD Review). 2003. Science Books and Films 39:282-283.

#### **2002**

10. **Anderson, J., B. Grafton, and C. Shrader.** 2002. Many programs help protect wetlands. West Virginia Farm Bureau News Special Insert 10(5):3.
9. **Anderson, J. T.** 2002. Conservation Biology: Research Priorities for the Next Decade (Book Review). Science Books and Films 38(2):353.
8. **Anderson, J. T.** 2002. Endangered Animals (Book Review of Grolier Series). Science Books and Films 38:548-549.

#### **2001**

7. **Anderson, J. T.** 2001. Ring-necked pheasant. The Texas Breeding Bird Atlas. Version 1.10. Texas A&M University System, College Station and Corpus Christi, TX. <https://txtbba.tamu.edu/species-accounts/ring-necked-pheasant/>
6. **Anderson, J.**, and B. Grafton. 2001. West Virginia's wetlands are wonderful. West Virginia Farm Bureau News Special Insert 9(8):1.
5. **Anderson, J.**, R. Fortney, B. Grafton, R. Heaslip, and C. Shrader. 2001. Legal wetlands may be difficult to recognize. West Virginia Farm Bureau News Special Insert 9(10):1.

### 1996

4. **Anderson, J. T.**, and P. J. DuBow. 1996. The importance of coastal Texas wetlands for wintering and migrating waterbirds. Wetland Journal 8:10-13.
3. Anderson, A. M., and **J. T. Anderson.** 1996. Geographical distribution. *Bufo woodhousii woodhousii*, *Rana blairi*, *Rana catesbeiana*, *Spea multiplicata*. Herpetological Review 27:29-31.
2. Conway, W. C., and **J. T. Anderson.** 1996. The seaside sparrow (*Ammodramus maritimus*): Barometer of the coastal salt marsh. Wetland Journal 8:9-14.

### 1995

1. Anderson, A. M., **J. T. Anderson**, and D. A. Haukos. 1995. Geographic distribution. *Gastrophryne olivacea*, *Pseudacris clarkii*. Herpetological Review 26:207-208.

## TECHNICAL PRESENTATIONS (Presenting Author)

### 2023

166. **Anderson, J. T.** 2023. My journey as a wetland scientist: Under the sphagnum moss to the mountain top and down the other side. 96<sup>th</sup> Annual Meeting of the West Virginia Academy of Sciences, Pipestem, WV. (Invited-Keynote Speaker)
165. MacKenzie, A., W. E. Veselka, P. Kinder, S. T. Grushecky, and **J. T. Anderson.** 2023. Early indications: using a biochar soil amendment to enhance woody vegetation growth and survivorship in two north central West Virginia riparian

wetlands. Society of Wetland Scientists South Atlantic Chapter 2023 Conference, Georgetown, SC.

## 2022

164. **Anderson, J. T.** 2022. Identifying wetlands and their importance. North Carolina Wetlands Law and Compliance Webinar. Half Moon Education, Inc. Virtual. (Invited)
163. **Anderson, J. T.** 2022. Wetland preservation, restoration, creation and enhancement. North Carolina Wetlands Law and Compliance Webinar. Half Moon Education, Inc. Virtual. (Invited)
162. **Anderson, J. T.** 2022. Overview of the James C. Kennedy Waterfowl and Wetlands Conservation Center. South Carolina Department of Natural Resources and Clemson University Annual Cooperators Meeting, Clemson, South Carolina. (Invited)
161. **Anderson, J. T.** 2022. Identifying wetlands and their importance. South Carolina Wetlands Law and Compliance Webinar. Half Moon Education, Inc. Virtual. (Invited)
160. **Anderson, J. T.** 2022. Wetland preservation, restoration, creation and enhancement. South Carolina Wetlands Law and Compliance Webinar. Half Moon Education, Inc. Virtual. (Invited)

## 2021

159. **Anderson, J. T.** 2021. An overview of the Kennedy Waterfowl and Wetlands Conservation Center. Pate Foundation. Virtual. (Invited)
158. **Anderson, J. T.** 2021. Faunal response to wetland mitigation. 2021 2nd International Symposium on Water, Ecology and Environment. Virtual. (Invited—Plenary Speech).
157. **Anderson, J. T.** 2021. If we build it, will they come? Response of biota to wetland mitigation in the Central Appalachians. Department of Forestry and Environmental Conservation, Clemson University. Virtual. (Invited)

156. **Anderson, J. T.** 2021. My journey as a wetland scientist: from under the sphagnum moss, to the top of the mountain, and down the other side. James W. Kennedy Wetlands and Waterfowl Center, Clemson University. Virtual. (Invited)
155. **Anderson, J. T.** 2021. If we build it, will they come? Wetland mitigation in the built environment for promotion of wildlife diversity. 2021 12th International Conference on Environmental Science and Development. Virtual. (Invited-Keynote Speaker)
154. **Anderson, J. T.** 2021. Two decades of assessing biodiversity in created wetlands of central Appalachia. 76<sup>th</sup> Annual Northeast Fish and Wildlife Conference. Virtual.
153. **Anderson, J. T.,** and S. E. Yannuzzi. 2021. Daily energy expenditure and time activity budgets of wintering American black ducks in the Central Appalachians. Society of Wetland Scientists 2021 Annual Meeting. Virtual.

## 2020

152. **Anderson, J. T.** 2020. Creating wetlands for biodiversity and ecosystem services. 2020 11<sup>th</sup> International Conference on Environmental Science and Development. Barcelona, Spain. (Invited-Keynote Speaker)
151. **Anderson, J. T.** 2020. Herpetofaunal response to restored wetlands in central Appalachian wetlands. Delaware Wetlands Conference, Wilmington, Delaware.

## 2019

150. **Anderson, J. T.** 2019. Amphibian and turtle response to created wetlands in Central Appalachian wetlands. Society of Wetland Scientists 2019 Annual Meeting, Baltimore, Maryland (Invited).
149. **Anderson, J. T.,** S. E. Yannuzzi, M. L. Peters, I. Gregg, and C. T. Rota. 2019. American black duck and mallard wintering habitat use in western Pennsylvania and West Virginia. Society of Wetland Scientists 2019 Annual Meeting, Baltimore, Maryland.
148. **Anderson, J. T.,** S. E. Yannuzzi, M. L. Peters, I. Gregg, and C. T. Rota. 2019. Wintering American black duck time activity budgets and daily energy

- expenditure. Society of Wetland Scientists 2019 Annual Meeting, Baltimore, Maryland (Poster).
147. **Anderson, J. T.** 2019. Plastic planet: an informative panel discussing pollution and water conservation. Plastic Planet Earth Day Panel. WVU Libraries, Morgantown, West Virginia (Invited).
146. **Anderson, J. T.** 2019. Peer review for publishing scientific research (or how to review a paper). WVU Davis College of Agriculture, Natural Resources and Design Graduate Student Workshop, Morgantown, West Virginia (Invited).
145. **Anderson, J. T.** 2019. What the duck is a wetland? Alpha Gamma Rho WVU, Morgantown, West Virginia (Invited).
144. **Anderson, J. T.,** N. S. Goodman, and J. C. Eitniear. 2019. Nocturnal and diurnal time-activity budgets of masked ducks and ruddy ducks in Puerto Rico. 4th Caribaea Initiative Research & Conservation Conference, Santo Domingo, Dominican Republic.

## 2018

143. **Anderson, J. T.** 2018. Can we build functional wetlands? 6<sup>th</sup> International Conference on Environmental Pollution and Prevention. Hong Kong Chemical, Biological, and Engineering Society, Brisbane, Australia (Invited Keynote).
142. **Anderson, J. T.** 2018. Two decades of wetland research in West Virginia. WVU Extension Service-Davis College of Agriculture, Natural Resources and Design Research Symposium, Morgantown, West Virginia (Invited).
141. **Anderson, J. T.** 2018. Compositional and functional attributes of mitigated and natural wetlands in West Virginia. 2018 Universities Council on Water Resources and the National Institutes for Water Resources, Pittsburgh, Pennsylvania.
140. **Anderson, J. T.** 2018. Wetland creation on reclaimed landscapes. Chinese University of Mining and Technology—Davis College Visit, Morgantown, West Virginia (Invited).

139. **Anderson, J. T.**, and Y. Halley. 2018. AFI-related eDNA research and related student research projects in the West Run watershed.—National Science Foundation Site Visit, Morgantown, West Virginia (Invited).
138. **Anderson, J. T.**, A. Gulette, K. Lewis, D. J. Brown, and C. T. Rota. 2018. Function of Agricultural Conservation Easement wetlands in West Virginia. Northeast Agricultural and Biological Engineering Conference, Morgantown, West Virginia (Invited).

### 2017

137. **Anderson, J. T.** 2017. Pollution effects on fish and wildlife communities. 2017 Hong Kong Chemical, Biological, and Engineering Society, Singapore (Invited Keynote).
136. **Anderson, J. T.** 2017. Environmental Stewardship Panel. US Army Corps of Engineers-Pittsburgh District, Coraopolis, Pennsylvania (Invited).
135. **Anderson, J. T.**, K.R. P. McCoard, and A. A. Billings. 2017. Riparian wildlife response to stream restoration. Association for the Sciences of Limnology and Oceanography 2017, Honolulu, Hawaii. (Poster)
134. **Anderson, J. T.**, C. T. Rota, S. M. Landry, S. Cua, and H. L. Clipp. 2017. The role of hunters and trappers in citizen-scientist initiatives. 73<sup>rd</sup> Annual Northeast Fish and Wildlife Conference, Norfolk, Virginia.
133. **Anderson, J. T.**, N. S. Goodman, and J. C. Eitniear. 2017. West Indian whistling-duck flock size in Puerto Rico. BirdsCaribbean 21<sup>st</sup> International Conference, Topes de Collantes, Cuba. (Poster)
132. **Anderson, J. T.**, N. S. Goodman, and J. C. Eitniear. 2017. Nocturnal and diurnal variation in time-activity budgets of masked ducks and ruddy ducks in Puerto Rico. BirdsCaribbean 21<sup>st</sup> International Conference, Topes de Collantes, Cuba.
131. **Anderson, J. T.**, N. S. Goodman, and J. C. Eitniear. 2017. Time-activity budgets of Masked Ducks and Ruddy Ducks in Puerto Rico. Waterbirds, Reykjavik, Iceland.

### 2016

130. **Anderson, J. T.** 2016. Wetland research. Institute of Water Security and Science, Morgantown, West Virginia (Invited).
129. **Anderson, J. T.** 2016. America's wetland conservation and restoration policies. Gujarat Ecological and Education Research Foundation Wetland Seminar, Gandhinagar, Gujarat, India (Invited).
128. **Anderson, J. T.** 2016. A world view of climate change impacts on wetlands. Gujarat Ecological and Education Research Foundation Wetland Seminar, Gandhinagar, Gujarat, India (Invited).
127. **Anderson, J. T.** 2016. How to make your wildlife studies on par with international standards. Ahmedabad Wilderness Insiders, Ahmedabad, Gujarat, India (Invited).
126. **Anderson, J. T.** 2016. Wetland mitigation success: examples from the Appalachians. Texas Tech University Graduate Wildlife and Fisheries Seminar Series, Lubbock, Texas (Invited).
125. **Anderson, J. T.,** K.R. P. McCoard, and A. A. Billings. 2016. Riparian wildlife response to stream restoration. 72<sup>nd</sup> Annual Northeast Fish and Wildlife Conference, Annapolis, Maryland. (Poster)
124. **Anderson, J. T.,** K.R. P. McCoard, and A. A. Billings. 2016. Ecology of wood turtles in West Virginia. 72<sup>nd</sup> Annual Northeast Fish and Wildlife Conference, Annapolis, Maryland.
123. **Anderson, J. T.,** C. T. Rota, S. M. Landry, S. Cua, and H. L. Clipp. 2016. Hunters and trappers as citizen-scientists. XVI Nordic Congress of Wildlife Research, Rovaniemi, Finland.

## 2015

122. **Anderson, J. T.** 2015. Wetland ecosystem services. Fifth International Conference on Biotechnology and Environmental Management, Milan, Italy (Invited—keynote address).
121. **Anderson, J. T.** 2015. Evaluating Mitigated Wetlands. Twenty-second Environmental Conference, Mid-Atlantic Chapter of the International Erosion Control Association, Morgantown WV (Invited).

120. **Anderson, J. T.** 2015. America's wetland conservation and restoration policies. Beijing Forestry and Parks Department of International Cooperation, Beijing, China (Invited).
119. **Anderson, J. T.** 2015. Evaluating ecosystem services in created wetlands. Beijing Forestry University, Beijing, China (Invited).
118. **Anderson, J. T.** 2015. Wetland mitigation policies and functional assessments. Beijing Forestry Carbon Administration, Beijing, China (Invited).
117. **Anderson, J. T.** 2015. Drain 'em, fill'em, preserve 'em, and restore 'em: a natural and unnatural history of wetland ecology and conservation. West Virginia University Plant and Soil Science Club, Morgantown, WV (Invited).
116. **Anderson, J. T.,** K.R. P. McCoard, and A. A. Billings. 2015. Short-term response of riparian biodiversity to stream restoration. Annual meeting 2015 Society of Wetland Scientists, Providence, Rhode Island.
115. Flaherty, K. L., J. S. Rentch, and **J. T. Anderson.** 2015. Germination of seeds from white-tailed deer pellet piles in Canaan Valley, West Virginia wetlands. Annual meeting 2015 Society of Wetland Scientists, Providence Rhode Island (Poster).

### **2014**

114. **Anderson, J. T.** 2014. Assessing functional equivalency in created wetlands. Sixth International Conference on Chemical, Biological, and Environmental Engineering, Paris France (Invited—keynote address).
113. **Anderson, J. T.,** and J. L. Bonner. 2014. Modeling habitat suitability for beaver (*Castor canadensis*) using Geographic Information Systems. Fourth International Conference on Future Environment and Energy, Melbourne, Australia. (Awarded Excellent Paper in Session).
112. **Anderson, J. T.** 2014. Waterfowl hunting in West Virginia. Atlantic Flyway Council Annual Meeting, Charleston, WV. (Invited).
111. **Anderson, J. T.** 2014. An overview of the Environmental Research Center (ERC) at West Virginia University. Paraguay Delegation (Universidad Nacional de Asuncion), Morgantown, WV. (Invited).

### **2013**



110. **Anderson, J. T.** 2013. Wetland monitoring and assessment: West Virginia Wetland Rapid Assessment Procedure as a case study. Sino-American Workshop on Wetlands and Protected Areas, Ithaca, NY (Invited).
109. **Anderson, J. T.** 2013. An interactive lecture approach for teaching wetland science. Society of Wetland Scientists Annual Meeting 2013, Duluth, MN.
108. **Anderson, J. T.,** and J. A. Vance. 2013. Effects of a newly created Ohio River bridge on riparian and riverine wildlife communities. Society of Wetland Scientists Annual Meeting 2013, Duluth, MN. (Poster)
107. **Anderson, J. T.,** and K. S. Tatu. 2013. What makes a Ramsar wetland a good waterbird habitat-some hints for the Nal. Workshop on Wetland Nalsarovar: Steps ahead after Ramsar recognition, Nalsarovar, India (Invited).
106. **Anderson, J. T.,** J. L. Pitchford, S. M. Selego, K. R. P. McCoard, L. Lin, G. T. Merovich, Jr., and S. A. Welsh. 2013. Biotic and abiotic response to stream restoration on the Cacapon River. West Virginia Academy of Sciences 88<sup>th</sup> Annual Meeting, Davis, WV.
105. **Anderson, J. T.,** R. L. Ward, J. T. Petty, J. S. Kite, and M. P. Strager. 2013. Culvert effects on stream and stream-side salamander habitats. 2013 International Conference on Environmental Science and Biotechnology, Kuala Lumpur, Malaysia. (Awarded Excellent Paper in Session)

## 2012

104. **Anderson, J. T.** 2012. Environmental research at West Virginia University. Universidade Federal Do Oeste Do Pará, Santarem, Brazil (Invited).
103. **Anderson, J. T.** 2012. Can we effectively create wetlands to replace lost wetland function? Duzce University, Turkey (Invited).
102. **Anderson, J. T.** 2012. West Virginia's biochar strategy. Appalachian Institute of Wheeling Jesuit University, Morgantown, WV (Invited).
101. **Anderson, J. T.** 2012. Ecology of wood turtles in West Virginia. Smithsonian Ecological Research Center, Edgewater, MD (Invited).

100. **Anderson, J. T.** 2012. Overview of the Environmental Research Center and wetland monitoring on minelands. Program for Mining, Transparency, and Responsibility in the U.S.: A Project for Senegal. International Visitor Leadership Program, Morgantown, WV. (Invited).
99. **Anderson, J. T.,** and W. E. Veselka. 2012. Strategic Highway Research Program (SHRP 2). Joint Meeting of the Pilot Projects on Ecological Approaches to Integration of Conservation Planning, Highway Planning, and Environmental Review. Washington, D.C. (Invited).
98. **Anderson, J. T.,** L.M. McDonald, and J. Skousen. 2012. Use of poultry-litter biochar as fertilizer products. LINK Showcase for Energy and Environmental Research. Morgantown, WV. (Invited-Poster)
97. **Anderson, J. T.,** R. Tristan Gingerich, and G. Merovich. 2012. Environmental correlates of wetland plant litter decomposition in the Mid-Atlantic Highlands, USA. 9<sup>th</sup> INTECOL International Wetlands Conference, Orlando, FL (Poster).
96. **Anderson, J. T.,** and C. L. Rose. 2012. Wildlife community response to invasive plant (Morrow's honeysuckle (*Lonicera morrowii*)) control. IV<sup>th</sup> International Wildlife Management Congress, Durban, South Africa (Poster).
95. **Anderson, J. T.,** A. B. Solis, and J. D. Osbourne. 2012. Herpetofaunal abundance in forested edge and interior locations of West Virginia. 18<sup>th</sup> Central Hardwood Forest Conference, Morgantown, WV.
94. **Anderson, J. T.,** and K. A. Riesz. 2012. Natural cavity characteristics and cavity bird abundance on forested islands of the Ohio River, WV. 18<sup>th</sup> Central Hardwood Forest Conference, Morgantown, WV.
93. **Anderson, J. T.,** C. N. Eddy, R. L. Hager, L.M. McDonald, J. L. Pitchford, J. Skousen, and W. E. Veselka IV. 2012. Reducing impacts of poultry litter on water quality by developing markets for energy and mine land reclamation. Seventh International Symposium on Environment, Athens, Greece.

### **2011**

92. **Anderson, J. T.** 2011. Cacapon River (WV) restoration: short-term response of fish and benthic macroinvertebrates. International Erosion Control Association Mid-Atlantic Chapter, Charleston, WV. (Invited)

91. **Anderson, J. T.** 2011. Cacapon River bank stabilization: ecological and physical response. West Virginia Soil and Water Conservation Society, Weston, WV. (Invited)
90. **Anderson, J. T.**, G. F. Strain, K. L. Flaherty, P. J. Turk, and E. D. Michael. 2011. Potential implications of climate change for common snapping turtle survivorship and hibernation ecology. Joint Meeting of the Society of Wetland Scientists, WETPOL, and Wetland Biogeochemistry Symposium. Prague, Czech Republic.
89. **Anderson, J. T.**, R. T. Gingerich, and D. G. Panaccione. 2011. Role of fungi and invertebrates in plant litter decomposition. Joint Meeting of the Society of Wetland Scientists, WETPOL, and Wetland Biogeochemistry Symposium. Prague, Czech Republic.

### 2010

88. **Anderson, J. T.** 2010. A science-based approach to strengthening West Virginia's wetland conservation program. West Virginia University Biology Seminar Series, Morgantown, WV (Invited).
87. **Anderson, J. T.** 2010. Wildlife and plant communities in natural and created wetlands. Instituto Internacional en Conservación y Manejo de Vida Silvestre, Universidad Nacional, Heredia, Costa Rica (Invited).
86. **Anderson, J. T.** 2010. Wetlands of West Virginia. Environmental Panel, Science to Achieve Results (STaR) Symposium 2010, Huntington, WV (Invited).
85. Gingerich, R. T., and **J. T. Anderson.** 2010. Plant litter decomposition rates in mitigated and natural wetlands of West Virginia. Thirty-first Annual Conference Society of Wetland Scientists, Salt Lake City, UT. (Poster)

### 2009

84. **Anderson, J. T.** 2009. The Wildlife Society and the certification process. West Virginia University Chapter of The Wildlife Society, Morgantown, WV (Invited).

83. Kahler, H.A., and **Anderson, J. T.** 2009. Factors influencing avian communities among subalpine, northern hardwood, and central hardwood forest cover types in the southern Allegheny Mountains. Conference on Ecology and Management of High-elevation Forests of the Central and Southern Appalachian Mountains, Slatyfork, WV. (Poster)
82. **Anderson, J. T.**, H. M. McChesney, and J. A. Edalgo. 2009. Microhabitat use of a native rodent as influenced by exotic plants. Twenty-third Annual Meeting of the Society for Conservation Biology, Beijing, China. (Poster)
81. **Anderson, J. T.**, J. S. Rentch, J. A. Thompson, D. D. Gray, T. Gingerich, and A. M. Anderson. 2009. Wetland soils, hydrology, vegetation, and wildlife in mitigated and natural wetlands of Central Appalachia, USA. Thirtieth Annual Conference Society Wetland Scientists, Madison, WI. (Poster)

### **2008**

80. **Anderson, J. T.** 2008. Evaluation of mitigation wetlands associated with Corridor H. Corridor H Agency Meeting, Charleston, WV (Invited).
79. **Anderson, J. T.** 2008. Evaluation of mitigation wetlands associated with Corridor H. Division of Highways Corridor H Meeting, Weston, WV (Invited).
78. **Anderson, J. T.** 2008. Ecology and management of exotic mute swans in the Chesapeake Bay. Davis Michaels Mid-Career Awardee Seminar. Morgantown, WV. (Invited)
77. **Anderson, J. T.** 2008. Ecological aspects of wetlands: what you need to know now. CLE International West Virginia Wetlands. Charleston, WV. (Invited)
76. **Anderson, J. T.** 2008. Wildlife and vegetation in mitigated and natural wetlands of the Mid-Appalachians. Sternberg Museum of Natural History, Hays, KS. (Invited)

75. Zadnik, A. K., **J. T. Anderson**, P. Bohall Wood, and K. Bledsoe. 2008. Wildlife use of back channels associated with islands on the Ohio River. Integrating Science into the Restoration and Management of Floodplain Ecosystems of the Southeast. Little Rock, AR.

### 2007

74. **Anderson, J. T.**, K. S. Tatu, and L. J. Hindman. 2007. The necessity of good scientific data to support the lethal control of exotic mute swans in the United States. Twenty-eighth Congress of the International Union of Game and Wildlife Biologists, Uppsala, Sweden.
73. **Anderson, J. T.**, and A. M. Anderson. 2007. What's being taught in wetlands class? Twenty-eighth Annual Meeting of the Society of Wetland Scientists, Sacramento, CA. (Invited)
72. **Anderson, J. T.** 2007. Teaching college students about managing wetlands for waterbirds. Twenty-eighth Annual Meeting of the Society of Wetland Scientists, Sacramento, CA. (Invited)
71. **Anderson, J. T.**, and J. S. Rentch. 2007. Errors of wetland omission and commission in mountainous terrain. Twenty-eighth Annual Meeting of the Society of Wetland Scientists, Sacramento, CA. (Poster)
70. **Anderson, J. T.**, and J. S. Rentch. 2007. Wetland identification in West Virginia. Eighty-second Annual West Virginia Academy of Sciences Meeting, Huntington, WV.
69. **Anderson, J. T.** 2007. Wildlife habitat use and vegetation communities in mitigated and natural wetlands of the mid-Appalachians. Department of Biology, Frostburg State University, Frostburg, MD (Invited).

### 2006

68. **Anderson, J. T.** 2006. Beaver habitat modeling and their impact on vegetative communities Pymatuning Laboratory Ecology, Linesville, PA (Invited).

67. **Anderson, J. T.** 2006. A simplified method of determining seed biomass for calculating waterfowl carrying capacity. Twenty-seventh Annual Meeting of the Society of Wetland Scientists, Cairns, Australia. (Poster)
66. **Anderson, J. T.** 2006. Evaluating models for predicting seed mass: using Walter's millet as a case study. The Wildlife Society 13<sup>th</sup> Annual Conference, Anchorage, Alaska. (Poster)
65. **Anderson, J. T.** 2006. Estimating seed mass of Walter's millet for calculating waterfowl carrying capacity. 62<sup>nd</sup> Annual Meeting of the Northeast Fish and Wildlife Conference, Burlington, VT. (Poster)
64. **Anderson, J. T.,** and J. L. Bonner. 2006. Predicting and evaluating impacts of beaver on rare plants. Twenty-seventh Annual Meeting of the Society of Wetland Scientists, Cairns, Australia.
63. **Anderson, J. T.,** and J. A. Edalgo. 2006. Effects of exotic plant species on microhabitat use by white-footed mice. 62<sup>nd</sup> Annual Meeting of the Northeast Fish and Wildlife Conference, Burlington, VT.

### 2005

62. **Anderson, J. T.** 2005. Measuring success in wetland restoration: any lessons for streams? Mid-Atlantic Highlands Stream Restoration Working Group, Second Annual Conference, Cacapon State Park, WV (Invited).
61. **Anderson, J. T.,** R. H. Fortney, and S. A. Copen. 2005. Soil characteristics of mitigated wetlands in West Virginia. Twenty-sixth Annual Meeting of the Society of Wetland Scientists, Charleston, SC. (Poster)
60. **Anderson, J. T.,** H. W. Weaver, J. W. Edwards, and T. Dotson. 2005. Effectiveness of aversive conditioning on repeat nuisance black bear behavior in southern West Virginia. 61<sup>st</sup> Annual Meeting of the Northeast Fish and Wildlife Conference, Virginia Beach, VA.

### 2004

59. **Anderson, J. T.** 2004. West Virginia University Environmental Center and Interdisciplinary Research. Waterways Experiment Station, U.S. Army Corps of Engineers, Vicksburg, MS. (Invited).

58. **Anderson, J. T.** 2004. Vegetative communities and wildlife habitat use in mitigated and natural wetlands of the mid-Appalachians. Department of Forestry, Wildlife, and Fisheries, University of Tennessee, Knoxville, TN. (Invited).
57. **Anderson, J. T.**, C. K. Balcombe, R. H. Fortney, and W. Kordek. 2004. Biotic response to wetland mitigation methods. The 7<sup>th</sup> INTECOL International Wetlands Conference, Utrecht, Netherlands.
56. **Anderson, J. T.**, C. K. Balcombe, R. H. Fortney, and W. Kordek. 2004. Wildlife community structure in mid-Appalachian mitigated wetlands. The Wildlife Society 11<sup>th</sup> Annual Conference, Calgary, Canada.
55. **Anderson, J. T.**, J. D. Osbourne, R. H. Fortney, and M. Strager. 2004. A model to evaluate wetland and stream mitigation sites. The 7<sup>th</sup> INTECOL International Wetlands Conference, Utrecht, Netherlands. (Poster)
54. **Anderson, J. T.**, J. D. Osbourne, and R. L. Ward. 2004. Integrating riparian restoration to promote wildlife habitat with natural stream channel design on mine land habitats. Twenty-first Annual American Society of Mining and Reclamation Meeting and the 25<sup>th</sup> West Virginia Surface Mine Drainage Task Force Symposium, Morgantown, WV.
53. **Anderson, J. T.**, J. D. Osbourne, M. Strager, and R. H. Fortney. 2004. A hierarchical method to prioritizing wetland and stream mitigation sites in West Virginia. 60<sup>th</sup> Annual Meeting of the Northeast Fish and Wildlife Conference, Ocean City, MD. (Poster)
52. **Anderson, J. T.**, J. D. Osbourne, M. Strager, S. Copen, and R. H. Fortney. 2004. An ecological and geomorphic approach for selecting wetland and stream mitigation sites to improve wildlife habitat. The Wildlife Society 11<sup>th</sup> Annual Conference, Calgary, Canada. (Poster)
51. Osbourne, J. D., **J. T. Anderson**, and J. W. Edwards. 2004. Evaluation of 2 deer population estimation techniques used in establishing a long-term deer monitoring program. The Wildlife Society 11<sup>th</sup> Annual Conference, Calgary, Canada. (Poster)

### 2003

50. **Anderson, J. T.** 2003. Evaluating the impacts of spring migrating shorebird management on winter waterfowl habitat in the northeastern United States.

Twenty-fourth Annual Meeting of the Society of Wetland Scientists, New Orleans, LA.

49. **Anderson, J. T.**, and L. M. Smith. 2003. Influence of hydrology on mass, protein, and cellulose levels of decomposing pink smartweed in playas. Twenty-fourth Annual Meeting of the Society of Wetland Scientists, New Orleans, LA. (Poster)
48. **Anderson, J. T.** 2003. An adaptive resource management approach for wetlands and waterbirds. West Virginia University, Wildlife and Fisheries Seminar Series, Morgantown, WV. (Invited).
47. **Anderson, J. T.**, and J. D. Osbourne. 2003. Is shorebird management compatible with wintering waterfowl management? Fifty-ninth Annual Meeting of the Northeast Fish and Wildlife Conference, Newport, RI. (Poster)
46. **Anderson, J. T.** 2003. Woodcock management. NRCS WHIP/CREP Workshops. Ripley, WV.
45. **Anderson, J. T.** 2003. Habitat management for woodcock. NRCS WHIP/CREP Workshops. Moorefield, WV.
44. Balcombe, C. K., **J. T. Anderson**, R. H. Fortney, and W. S. Kordek. 2003. Characteristics of constructed wetland vegetation communities in the mid-Appalachians. Twenty-fourth Annual Meeting of the Society of Wetland Scientists, New Orleans, LA. (Poster)
43. Balcombe, C. K., **J. T. Anderson**, R. H. Fortney, and W. S. Kordek. 2003. Macroinvertebrate community structure of open water and emergent constructed wetland cells in West Virginia. Twenty-fourth Annual Meeting of the Society of Wetland Scientists, New Orleans, LA. (Poster)
42. Zadnik, A. K., **J. T. Anderson**, P. B. Wood, and K. Bledsoe. Herptile and waterbird use of back channels associated with islands on the Ohio River, West Virginia. Twenty-fourth Annual Meeting of the Society of Wetland Scientists, New Orleans, LA. (Poster)

## **2002**

41. **Anderson, J. T.** 2002. Conference summary: Canaan Valley and its environs. Canaan Valley and Its Environs: a Heritage Landscape Celebration, Canaan Valley, WV.



40. **Anderson, J. T.** 2002. Waterbird response to slow and fast drawdowns on the north and mid Atlantic Coast, USA. Society of Wetland Scientists 23<sup>rd</sup> Annual Conference, Lake Placid, NY.
39. **Anderson, J. T.**, and K. A. Warren. 2002. Temporal variation in songbird abundance on grasslands in Canaan Valley, West Virginia. Canaan Valley and Its Environs: a Heritage Landscape Celebration, Canaan Valley, WV.
38. **Anderson, J. T.** 2002. Effects of drawdown rates on waterfowl and carrying capacity on Atlantic Coast impoundments. West Virginia Academy of Sciences, 77<sup>th</sup> Annual Meeting, Morgantown, WV.
37. **Anderson, J. T.**, D. A. Helon, and S. L. Helon. 2002. Waterbird response to drawdown techniques on Atlantic coast wetland impoundment. Fifty-eighth Annual Meeting of the Northeast Fish and Wildlife Conference, Portland, ME.
36. **Anderson, J. T.**, J. W. Edwards, K. J. Hartman, J. Todd Petty, and R. C. Whitmore. 2002. Wildlife and fisheries undergraduate education: a curriculum to meet future needs in natural resources management. West Virginia Academy of Sciences, 77<sup>th</sup> Annual Meeting, Morgantown, WV. (Poster)
35. **Anderson, J. T.**, G. M. Forcey, J. D. Osbourne, and A. B. Spurgeon. 2002. The importance and use of wildlife management plans: an example from the Camp Dawson Collective Training Area. West Virginia Academy of Sciences, 77<sup>th</sup> Annual Meeting, Morgantown, WV.
34. Balcombe, C., **J. T. Anderson**, R. Fortney, and W. Kordek. 2002. A comparison of mitigated and natural wetland function in West Virginia based on vegetation and wildlife community analysis. Society of Wetland Scientists 23<sup>rd</sup> Annual Conference, Lake Placid, NY.
33. Forcey, G. M., and **J. T. Anderson**. 2002. Variation in bird detection probabilities and abundances among different point count durations and plot sizes. Fifty-sixth Annual Conference, Southeastern Association of Fish and Wildlife Agencies, Baltimore, Maryland.
32. Warren, K. A., and **J. T. Anderson**. 2002. Invertebrate biomass on mowed and unmowed fields in Canaan Valley. Canaan Valley and Its Environs: a Heritage Landscape Celebration, Canaan Valley, WV. (Poster)

31. **Anderson, J. T.** 2001. Influence of wetland drawdown rates on seed production and invertebrate abundance in the northeastern United States. The Wildlife Society 8<sup>th</sup> Annual Conference, Reno, NV.
30. **Anderson, J. T.** 2001. An assessment of the role of transportation corridors in the spread of exotic invasive wildlife species in West Virginia. The Wildlife Society 8<sup>th</sup> Annual Conference, Reno, NV. (Poster)
29. **Anderson, J. T.**, S. J. Reilly, and R. H. Fortney. 2001. Impacts of transportation corridors on invasive species of fish and wildlife in West Virginia. Eight-sixth Annual Meeting of the Ecological Society of America, Madison, WI. (Poster)
28. **Anderson, J. T.**, K. A. Warren, and H.P. Laskowski. 2001. Evaluation of waterbird carrying capacity based on wetland drawdown rates in the northeastern United States. Twenty-second Annual Meeting of the Society of Wetland Scientists, Chicago, IL.
27. **Anderson, J. T.**, K. A. Warren, and H.P. Laskowski. 2001. Influence of wetland drawdown rates on waterbird carrying capacity in the northeastern United States. Fifty-seventh Annual Meeting of the Northeast Fish and Wildlife Conference, Saratoga Springs, NY.
26. **Anderson, J. T.** 2001. Wetland management strategies for increasing potential carrying capacity of non-breeding waterfowl. West Virginia Academy of Sciences, 76<sup>th</sup> Annual Meeting, West Liberty State College, WV.
25. **Anderson, J. T.**, S. J. Reilly, and R. H. Fortney. 2001. Impacts of transportation corridors on invasive species of fish and wildlife in West Virginia. Fifty-seventh Annual Meeting of the Northeast Fish and Wildlife Conference, Saratoga Springs, NY. (Poster)
24. **Anderson, J. T.**, and R. H. Fortney. 2001. The role of transportation corridors in species spread and dispersal. West Virginia Academy of Sciences, 76<sup>th</sup> Annual Meeting, West Liberty State College, WV. (Poster)
23. Spurgeon, A. B., and **J. T. Anderson.** 2001. Distribution and abundance of herpetofauna on the Camp Dawson Army Training site in Preston County, West Virginia. Fifty-seventh Annual Meeting of the Northeast Fish and Wildlife Conference, Saratoga Springs, NY. (Poster)

22. Spurgeon, A. B., and **J. T. Anderson**. 2001. Assessment of herpetofaunal distribution and abundance: a comparison between upland and riparian habitats. West Virginia Academy of Sciences, 76<sup>th</sup> Annual Meeting, West Liberty State College, WV. (Poster)
21. **Anderson, J. T.** 2001. Wetland and riparian research agenda for West Virginia. West Virginia Chapter of The Society of American Foresters. (Invited).

### 2000

20. **Anderson, J. T.** 2000. Calculating carrying capacity for nonbreeding waterfowl: techniques and applications. U.S. Fish and Wildlife Service Region 5 (Invited – Workshop).

### 1998

19. **Anderson, J. T.** 1998. Management of Southern High Plains playas for nonbreeding waterbirds. West Virginia University. (Invited)
18. **Anderson, J. T.** 1998. Management of playas for waterfowl. Institute for Wetlands and Waterfowl Research, Ducks Unlimited (Invited)
17. **Anderson, J. T.** 1998. An ecosystem approach to playa wetland management. University of Florida. (Invited)
16. **Anderson, J. T.** 1998. Wetland management strategies for nonbreeding waterbirds. Louisiana State University. (Invited)
15. **Anderson, J. T.** 1998. Management of wetlands for waterbirds: Integrating science with management. Southern Illinois University. (Invited)

### 1997

14. **Anderson, J. T.**, and L. M. Smith. 1997. Evaluating the success of moist-soil management of playas: The response of waterfowl, moist-soil seeds, and aquatic invertebrates. First North American Duck Symposium and Workshop.

### 1996

13. **Anderson, J. T.**, and L. M. Smith. 1996. Colonization strategies and temporal patterns of aquatic macroinvertebrates in playa wetlands. Eighty-first Annual Meeting Ecological Society of America.
12. **Anderson, J. T.**, and L. M. Smith. 1996. Spatial patterns of aquatic macroinvertebrates in playa wetlands. Seventeenth Annual Meeting Society of Wetland Scientists.
11. **Anderson, J. T.**, L. M. Smith, and D. A. Haukos. 1996. Habitat use, diet, and feather molt of non-breeding green-winged teal in west Texas. Third Annual Conference of The Wildlife Society.
10. Anderson, A. M., **J. T. Anderson**, and D. A. Haukos. 1996. Food habits of toads using playas during the breeding season. Sixty-first North American Wildlife and Natural Resources Conference (Poster presentation).

### **1995**

9. **Anderson, J. T.**, L. M. Smith, and D. A. Haukos. 1995. Response of aquatic invertebrates to moist-soil management of playas. Fifty-seventh Midwest Fish & Wildlife Conference.
8. **Anderson, J. T.**, and L. M. Smith. 1995. Waterfowl, aquatic invertebrate, and seed response to moist-soil management of playa wetlands. Second Annual Conference of The Wildlife Society.

### **1994**

7. **Anderson, J. T.**, T. C. Tacha, and G. T. Muehl. 1994. Wetland use and selection by water birds wintering in coastal Texas. First Annual Conference of The Wildlife Society.
6. **Anderson, J. T.**, T. C. Tacha, and G. T. Muehl. 1994. Wetland use and selection by waterfowl wintering in coastal Texas. First Annual Conference of The Wildlife Society.
5. **Anderson, J. T.**, T. C. Tacha, and G. T. Muehl. 1994. Wetland use and selection by waterfowl wintering in coastal Texas, USA. Joint Ornithological Conference.

4. **Anderson, J. T.**, T. C. Tacha, and G. T. Muehl. 1994. Wetland selection by waterfowl in the coastal plains of Texas. Twenty-ninth Annual Meeting of the Texas Chapter of The Wildlife Society.

### **1993**

3. **Anderson, J. T.**, G. T. Muehl, and T. C. Tacha. 1993. Distribution and abundance of wetlands and water birds in South Texas. Fifth Welder Wildlife Foundation Student Symposium, Sinton, TX. (Invited)

### **1992**

2. **Anderson, J. T.**, G. T. Muehl, and T. C. Tacha. 1992. Obtaining habitat data for waterfowl using stratified random samples. Workshop Texas Parks and Wildlife Department, Rockport, TX. (Invited)

### **1991**

1. **Anderson, J. T.**, and T. C. Tacha. 1991. Deriving population estimates for waterbirds using random quarter-sections. Workshop Texas Parks and Wildlife Department, Rockport, TX. (Invited)

## **TECHNICAL PRESENTATIONS (Co-author)**

### **2023**

371. Boucher, M., T. Rainwater, S. Whitmire, and **J. T. Anderson**. 2023. Alligators as indicators of microplastic pollution in wetlands. The Wildlife Society, Wetlands Working Group, Online. (Invited)
370. Boucher, M., **J. T. Anderson**, T. Rainwater, and S. Whitmire. 2023. Alligators as indicators of microplastic and persistent pollutants in wetlands. Society of Wetland Scientists South Atlantic Chapter 2023 Conference, Georgetown, SC. (Poster)
369. De Silva, S., J. A. Hubbart, M. P. Strager, C. T. Rota, E. A. Byers and **J. T. Anderson**. 2023. Water quality in West Virginia wetlands and their relationships with watershed land cover/ land-use practices. Society of Wetland Scientists South Atlantic Chapter 2023 Conference, Georgetown, SC.

368. Hsiung, A, B. E. Ross, H. M. Hagy, and **J. T. Anderson**. 2023. Evaluating the cross-seasonal effect of winter survival on continental waterfowl population growth rate. Society of Wetland Scientists South Atlantic Chapter 2023 Conference, Georgetown, SC.
367. MacKenzie, A., D. N. Becker, C. M. Lituma, C. C. Arantes, and **J. T. Anderson**. 2023. Wetland mitigation impacts on avian biodiversity: an update. Mountaineer Chapter of the Audubon Society, Morgantown, WV. (Invited)
366. McCall, J., and **J. T. Anderson**. 2023. Wetland type productivity for waterbirds: 2022 recap and 2023 sneak peek. DeBordieu Colony Board Meeting, Georgetown, South Carolina (Invited).
365. McCall, J., and **J. T. Anderson**. 2023. Avian-wetland habitat relations and temporal trends within the South Atlantic Coastal Zone. Society of Wetland Scientists South Atlantic Chapter 2023 Conference, Georgetown, SC.
364. Molina, J. T., C. C. Arantes, B. A. Murry, and **J. T. Anderson**. 2023. Integrating data sets to understand climate change vulnerability for West Virginia watersheds. West Virginia American Fisheries Society 2023 Meeting, Morgantown, West Virginia.
363. Shurba, J., K. Whitehead, K. Barrett, G. Yarrow, R. Kaminski, and **J. T. Anderson**. 2023. Effect of nesting material on wood duck nest box selection, reproduction, and eggshell bacteria. Society of Wetland Scientists South Atlantic Chapter 2023 Conference, Georgetown, SC.
362. Suthar, A. R., and **J. T. Anderson**. 2023. Understanding waterbird habitat relations with antebellum rice fields using unmanned aerial vehicles (UAVs) and autonomous recording units (ARUs) in coastal South Carolina. Society of Wetland Scientists South Atlantic Chapter 2023 Conference, Georgetown, SC. (Poster)
361. Von Haug, C. L., R. F. Baldwin, B. A. Bauer, A. S. Bridges, D. L. Hagan, E. P. Wiggers, and **J. T. Anderson**. 2022. Relative abundance of natural cavities suitable for nesting wood ducks at two sites in coastal South Carolina. Society of Wetland Scientists South Atlantic Chapter 2023 Conference, Georgetown, SC. (Poster). \*Third Place Poster Presentation

360. Bryzek, J., C. T. Rota, W. Veselka, E. Byers, and **J. T. Anderson**. 2022. State wetland mitigation standards: Performance standards and monitoring criteria. National Association of Wetland Managers Annual State/Tribal/Federal Coordination Meeting, Shepherdstown, West Virginia.
359. Bryzek, J., C. T. Rota, E. Byers, W. Veselka, and **J. T. Anderson**. 2022. Chronosequence approach to using woody vegetation as an indicator of wetland mitigation restoration trajectory in West Virginia. National Mitigation and Ecosystem Banking Conference, Boise, Idaho.
358. Bryzek, J., C. Rota, W. Veselka, E. Byers, and **J. T. Anderson**. 2022. Woody vegetation development and restoration trajectory in mitigated wetlands in West Virginia. Davis College of Agriculture, Natural Resources and Design Twenty-Sixth Annual Graduate Student Research and Creative Scholarship Conference, Morgantown, West Virginia.
357. Bryzek, J., C. T. Rota, E. Byers, W. Veselka, and **J. T. Anderson**. 2022. Feasibility of stem-area-at-groundline to assess woody vegetation development in mitigated wetlands. Joint Aquatic Sciences Meeting 2022, Grand Rapids, Michigan.
356. Clark, J., A. S. Hagan, M. Folk, and **J. T. Anderson**. 2022. Vegetative and biogeochemical comparison of two wetlands at Brosnan Forest Coldwater Branch Mitigation Bank. Clemson University Water Research Symposium, Clemson, South Carolina. (Poster)
355. Clay, L., T. L. O'Halloran, **J. T. Anderson**, and R. Kaminski. 2022. Contrasting carbon dioxide and methane fluxes between proximal tidal saltmarsh and impounded brackish marsh wetlands in coastal South Carolina, USA. Joint Aquatic Sciences Meeting 2022, Grand Rapids, Michigan.
354. Clay, L., T. L. O'Halloran, and **J. T. Anderson**. 2022. Comparing carbon dioxide and methane fluxes between a natural salt marsh and managed wetlands. South Carolina Sea Grant Consortium Research Symposium, Charleston, South Carolina. (Poster)
353. Clay, L., T. L. O'Halloran, and **J. T. Anderson**. 2022. Comparing carbon dioxide and methane fluxes between a natural salt marsh and managed wetlands. Clemson University Water Research Symposium, Clemson, South Carolina. (Poster)
352. De Silva, S., J. A. Hubbart, M. P. Strager, E. A. Byers, R. E. Kellner, C. T. Rota, and **J. T. Anderson**. 2022. Assessing seasonal wetland water quality in relation to watershed land cover/land use. Mid-Atlantic Wetland Working Group-New

England Biological Assessment of Wetlands Working Group, Linthicum Heights, Maryland.

351. De Silva, S., J. A. Hubbart, M. P. Strager, E. A. Byers, R. E. Kellner, C. T. Rota, and **J. T. Anderson**. 2022. Influences of watershed scale stressors and local climate to wetland ecosystem health. Joint Aquatic Sciences Meeting 2022, Grand Rapids, Michigan.
350. De Silva, S., J. A. Hubbart, M. P. Strager, C. T. Rota, E. A. Byers, and **J. T. Anderson**. 2022. Wetlands and water quality: relationships with watershed land cover/land-use, soils, and water inputs. National Association of Wetland Managers Annual State/Tribal/Federal Coordination Meeting, Shepherdstown, West Virginia. (Invited)
349. MacKenzie, A., W. E. Veselka, S. T. Grushecky, and J. T. Anderson. 2022. A test of a hardwood biochar soil amendment on trees and shrubs in riparian wetlands. 2022 North American Biochar & Bioenergy Conference, Morgantown, West Virginia. (Poster). Second Place Poster.
348. MacKenzie, A., D. N. Becker, C. M. Lituma, C. C. Arantes, and **J. T. Anderson**. 2022. Impacts of riparian wetland mitigation on avian composition. Great Lakes Wetlands and Waterfowl Graduate Student Symposium, Winous Point, Ohio. (Invited).
347. MacKenzie, A., D. N. Becker, W. E. Veselka, C. M. Lituma, C. C. Arantes, J. A. Hubbart, and **J. T. Anderson**. 2022. A wetland mitigation program to improve aquatic and riparian ecology in Preston County, WV. Davis College of Agriculture, Natural Resources and Design Twenty-Sixth Annual Graduate Student Research and Creative Scholarship Conference, Morgantown, West Virginia. (Poster)
346. MacKenzie, A., D. N. Becker, and **J. T. Anderson**. 2022. Avian and small mammal response during wetland restoration. 77th Annual Northeast Fish and Wildlife Conference, Long Branch, New Jersey. (Poster)
345. MacKenzie, A., D. N. Becker, and **J. T. Anderson**. 2022. Avian composition prior and during wetland restoration. Brooks Bird Club 2022 Annual Meeting, Terra Alta, West Virginia (Invited).
344. MacKenzie, A., D. N. Becker, J. T. Anderson. 2022. Bird and small mammal response during riparian wetland restoration. Joint Aquatic Sciences Meeting 2022, Grand Rapids, Michigan (Poster). First Place (Society Wetland Scientists).



343. McCall, J., and **J. T. Anderson**. 2022. Wetland productivity for waterbirds in Georgetown, South Carolina. College of Agriculture, Forestry, and Life Sciences Graduate Student Research Symposium, Florence, South Carolina (Poster).
342. McCall, J., and **J. T. Anderson**. 2022. Wetland productivity for avian species in Georgetown SC. DeBordieu Colony Board Meeting, Georgetown, South Carolina (Invited).
341. McCall, J., and **J. T. Anderson**. 2022. Wetland type mapping and abundance on Hobcaw Barony. Clemson College of Agriculture, Forestry, and Life Sciences Undergraduate Research Symposium, Clemson, South Carolina (Poster).
340. McCall, J., D. Kunkel, J. D. Lanham, and **J. T. Anderson**. 2022. Waterbirds temporal trends and habitat relations in Georgetown County, South Carolina. 76th Annual Conference of the Southeastern Association of Fish and Wildlife Agencies, Charleston, West Virginia (Poster).
339. McCall, J., and **J. T. Anderson**. 2022. Avian use of wetlands in Georgetown, South Carolina. Behind the Gate, Baruch Institute of Coastal Ecology and Forest Science, Georgetown, South Carolina (Poster).
338. Molina, J. T., C. C. Arantes, B. A. Murry, **J. T. Anderson**, and W. Veselka. 2022. Integrating data sets to understand climate change vulnerability for aquatic fauna in West Virginia watersheds. Joint Aquatic Sciences Meeting 2022, Grand Rapids, Michigan.
337. Molina, J. T., C. C. Arantes, B. A. Murry, and **J. T. Anderson**. 2022. Integrating data sets to understand climate change vulnerability for West Virginia watersheds. 76th Annual Conference of the Southeastern Association of Fish and Wildlife Agencies, Charleston, West Virginia.
336. Noe, K., M. W. Frantz, C. T. Rota, and **J. T. Anderson**. 2022. Small mammal communities are mostly similar between mitigated and natural wetlands in West Virginia. 77th Annual Northeast Fish and Wildlife Conference, Long Branch, New Jersey.
335. Noe, K., M. W. Frantz, C. T. Rota, and **J. T. Anderson**. 2022. Similarities and differences in small mammal communities of mitigated and natural West Virginia wetlands. Davis College of Agriculture, Natural Resources and Design Twenty-

Sixth Annual Graduate Student Research and Creative Scholarship Conference, Morgantown, West Virginia.

334. Noe, K. L., M. W. Frantz, C. T. Rota, and **J. T. Anderson**. 2022. Mitigated versus natural wetlands: how do small mammal communities compare? Joint Aquatic Sciences Meeting, Grand Rapids, Michigan.
333. Shurba, J., K. Whitehead, K. Barrett, G. Yarrow, R. Kaminski, and **J. T. Anderson**. 2022. Effects of nest materials on wood duck box selection, nest success, and microbial growth from nest boxes in Georgia and Florida. 76th Annual Conference of the Southeastern Association of Fish and Wildlife Agencies, Charleston, West Virginia.
332. Slabe, V., R. Crandall, T. Miller, A. Duerr, M. Braham, and J. T. Anderson. 2022. Non-lead ammunition distribution programs to offset golden eagle mortalities in Wyoming. 14<sup>th</sup> Wind Wildlife Research Meeting, Kansas City, Missouri.
331. Von Haugg, C. L., R. F. Baldwin, B. A. Bauer, A. S. Bridges, D. L. Hagan, E. P Wiggers, and **J. T. Anderson**. 2022. Characteristics of cavities suitable for nesting wood ducks in South Carolina forest types. South Carolina Department of Natural Resources and Clemson University Annual Cooperators Meeting, Clemson, South Carolina.
330. Von Haugg, C. L., B. A. Bauer, R. F. Baldwin, D. L. Hagan, E. P Wiggers, and **J. T. Anderson**. 2022. Occurrence of cavities suitable for wood duck nesting in coastal South Carolina forest types. Behind the Gate, Baruch Institute of Coastal Ecology and Forest Science, Georgetown, South Carolina (Poster).
329. Von Haugg, C. L., R. F. Baldwin, B. A. Bauer, D. L. Hagan, E. P Wiggers, and **J. T. Anderson**. 2022. Relative abundance of natural cavities suitable for nesting wood ducks at two sites in coastal South Carolina. 76th Annual Conference of the Southeastern Association of Fish and Wildlife Agencies, Charleston, West Virginia (Poster). **\*Best Poster Presentation**
328. Von Haugg, C. L., B. A. Bauer, R. F. Baldwin, D. L. Hagan, E. P Wiggers, and **J. T. Anderson**. 2022. Tree cavity availability for nesting wood ducks across South Carolina forest types. College of Agriculture, Forestry, and Life Sciences Graduate Student Research Symposium, Florence, South Carolina (Poster).
327. Von Haugg, C. L., R. F. Baldwin, B. A. Bauer, A. S. Bridges, D. L. Hagan, E. P Wiggers, and **J. T. Anderson**. 2022. Relative abundance of natural cavities

suitable for nesting wood ducks. South Carolina Chapter of The Wildlife Society, Columbia, South Carolina.

### 2021

326. Bryzek, J., W. Veselka, and **J. T. Anderson**. 2021. Investigating stem area at ground line as a performance standard metric to evaluate mitigation wetland sites. West Virginia University Women in Natural Resources 2<sup>nd</sup> Annual Symposium, Virtual.
325. Bryzek, J., W. Veselka, and **J. T. Anderson**. 2021. Feasibility of stem area at groundline as a performance standard metric in compensatory mitigation wetlands. The Davis College of Agriculture, Natural Resources and Design. Twenty-Fourth Annual Virtual Graduate Student Research and Creative Scholarship Conference.
324. Crandall, R., V. A Slabe, T. A Miller, A. Duerr, M. Braham, T. Katzner, and **J. T. Anderson**. 2021. Non-lead ammunition distribution programs to offset golden eagle mortalities in Wyoming. Raptor Research Foundation 2021 Annual Conference. Virtual.
323. De Silva, S., J. A. Hubbard, M. P. Strager, E. A. Byers, R. E. Kellner, C. T. Rota, and **J. T. Anderson**. 2021. Relationships between landuse practices, geography, and global climate change to wetland water quality functions. INTECOL Wetlands Conference. Virtual.
322. De Silva, S., J. A. Hubbard, M. P. Strager, E. A. Byers, R. E. Kellner, C. T. Rota, and **J. T. Anderson**. 2021. Evaluating the impacts of land cover/ land-use practices to wetland water quality functions. The Davis College of Agriculture, Natural Resources and Design Diversity Celebration. (Poster)
321. De Silva, S., J. A. Hubbard, M. P. Strager, E. A. Byers, R. E. Kellner, C. T. Rota, and **J. T. Anderson**. 2021. Evaluating the impacts of land cover/ land-use, geography, and global climate change to the water quality functions of wetlands across West Virginia. The Davis College of Agriculture, Natural Resources and Design. Twenty-Fourth Annual Virtual Graduate Student Research and Creative Scholarship Conference. (Second Place Ph.D. Lightning Talk)
320. De Silva, S., J. A. Hubbard, M. P. Strager, E. A. Byers, R. E. Kellner, C. T. Rota, and **J. T. Anderson**. 2021. Evaluating impacts of anthropogenic disturbance to

- wetland water quality functions. *Advances in West Virginia Water Research*. Institute of Water Security and Science. Virtual (Poster).
319. Halley, Y.A., M. Williams, A. B. Welsh, and **J. T. Anderson**. 2021. An environmental DNA assay for quantifying spotted salamander abundance. *Advances in West Virginia Water Research*. Institute of Water Security and Science. Virtual (Invited).
318. Lozon, D. N., D. J. Brown, and **J. T. Anderson**. 2021. Should they stay or should they go? Landscape factors affecting snapping turtle (*Chelydra serpentina*) movements. West Virginia University Women in Natural Resources 2<sup>nd</sup> Annual Symposium, Virtual. (Poster)
317. Lozon, D. N., D. J. Brown, and **J. T. Anderson**. 2021. How does wetland soil contamination relate to freshwater turtle heavy metal bioaccumulation? Society of Wetland Scientists 2021 Annual Meeting. Virtual.
316. Lozon, D. N., J. A. Hubbart, D. J. Brown, and **J. T. Anderson**. 2021. Mercury levels in snapping turtles (*Chelydra serpentina*) raise concern for West Virginia daily harvest limits. The Davis College of Agriculture, Natural Resources and Design. Twenty-Fourth Annual Virtual Graduate Student Research and Creative Scholarship Conference. (First Place M.S. Lightning Talk)
315. Lozon, D. N., D. J. Brown, and **J. T. Anderson**. 2021. Landscape characteristic influencing snapping turtle (*Chelydra serpentina*) movement in a mixed-use watershed. 76<sup>th</sup> Annual Northeast Fish and Wildlife Conference. Virtual. (Poster)
314. Miller, E. M., C. L. Von Hugg, R. M. Kaminski, B. A. Bauer, and **J. T. Anderson**. 2021. Effects of rat snakes on box-nesting wood ducks in South Carolina. Southeastern Association of Fish and Wildlife Agencies Annual Conference. Roanoke, Virginia. (Poster)
313. Noe, K., M. W. Frantz, C. T. Rota, and **J. T. Anderson**. 2021. Small mammal communities in natural and mitigated wetlands in West Virginia. West Virginia University Women in Natural Resources 2<sup>nd</sup> Annual Symposium, Virtual.
312. Noe, K., M. W. Frantz, C. T. Rota, and **J. T. Anderson**. 2021. Comparison of small mammal communities in mitigated and natural wetlands of West Virginia. The Davis College of Agriculture, Natural Resources and Design. Twenty-Fourth Annual Virtual Graduate Student Research and Creative Scholarship Conference.

311. Noe, K., M. W. Frantz, C. T. Rota, and **J. T. Anderson**. 2021. Do mitigated wetlands support similar small mammal communities as natural wetlands? Advances in West Virginia Water Research. Institute of Water Security and Science. Virtual (Poster).
310. Shaw, L. W. Veselka, and **J. T. Anderson**. 2021. Can pipeline erosion best management practices cause accidental source habitats for amphibians? West Virginia University Undergraduate Research Symposia. (Poster)
309. Slabe, V. A, **J. T. Anderson**, et al. 2021. Demographic implications of lead poisoning for eagles across North America. Raptor Research Foundation 2021 Annual Conference. Virtual.

### **2020**

308. De Silva, S., J. Hubbart, M. Strager, E. Kellner, C. Rota, E. Byers, and **J. T. Anderson**. 2020. Wetland water quality across West Virginia in relation to geography and land-use practices. Society of Wetland Scientist 2020 Virtual Meeting.
307. De Silva, S., **J. T. Anderson**, J. Hubbart, M. Strager, E. Kellner, C. Rota, and E. Byers. 2020. High elevation wetland water quality and the factors that affect their functions. Delaware Wetlands Conference, Wilmington, Delaware. (Poster)
306. Lozon, D. N., J. A. Hubbart, D. J. Brown, and **J. T. Anderson**. 2020. Landscape influences on heavy metal bioaccumulation in two turtle species in north-central West Virginia. Delaware Wetlands Conference, Wilmington, Delaware.
305. Lozon, D. N., D. J. Brown, J. A. Hubbart, and **J. T. Anderson**. 2020. Environmental factors influencing heavy metal bioaccumulation in freshwater turtles. The Wildlife Society 27<sup>th</sup> Annual Conference, Virtual.
304. Lozon, D. N., D. J. Brown, J. A. Hubbart, and **J. T. Anderson**. 2020. Comparing wetland soil contamination to freshwater turtle heavy metal bioaccumulation. 18th Annual Symposium on the Conservation and Biology of Tortoises and Freshwater Turtles. Turtle Survival Alliance, Virtual.
303. Noe, K. and **J. T. Anderson**. 2020. Small mammal communities in created and natural wetlands in the Central Appalachian Mountains. Delaware Wetlands Conference, Wilmington, Delaware. (Poster)

302. Tenney, M., D. Lozon, and **J. T. Anderson**. 2020. Wetland soil texture analyses for improved understanding of turtle habitat and distribution. The Wildlife Society 27<sup>th</sup> Annual Conference, Virtual. (Poster)
301. Zhai, J., and **J. T. Anderson**. 2020. Assessing the effects of salinity and inundation on halophyte litter breakdown in Yellow River Delta Wetland. Delaware Wetlands Conference, Wilmington, Delaware.

### 2019

300. Cunningham, C, Y. A. Halley, E. R. Merriam, J. Morgan, J. T. Petty, A. B. Welsh, and **J. T. Anderson**. 2019. Monitoring Darter Populations in the Potomac Drainage Utilizing Environmental DNA. West Virginia Chapter of The Wildlife Society, Morgantown, West Virginia. (Poster)
299. Halley, Y.A., M. Williams, A. B. Welsh, and **J. T. Anderson**. 2019. An Environmental DNA Assay for Quantifying Spotted Salamander Abundance. West Virginia Chapter of the Wildlife Society, Morgantown, West Virginia.
298. Halley, Y. A., E. R. Merriam, A. B. Welsh, J. T. Petty, and **J. T. Anderson**. 2019. Analysis of Fish Populations Utilizing Environmental DNA Metabarcoding. Women in Natural Resources Symposium, Morgantown, West Virginia. (Poster).
297. Halley, Y.A., M. Chlovechok, S. Frazier, J. Giannone, R. Honerlaw, G. Layne, A. B. Welsh, and **J. T. Anderson**. 2019. Utilizing noninvasive and nondestructive sampling methods to assess amphibian communities. WV EPSCoR All Hands Meeting, Huntington, West Virginia. (Poster).
296. Halley, Y.A., M. Williams, A. B. Welsh, and **J. T. Anderson**. 2019. Quantitative PCR (qPCR) assay for detecting spotted salamander eDNA. WV EPSCoR All Hands Meeting, Huntington, West Virginia. (Poster).
295. Halley, Y.A., M. Williams, A. B. Welsh, and **J. T. Anderson**. 2019. A quantitative PCR assay for measuring spotted salamander abundance. American Fisheries Society and The Wildlife Society 2019 Joint Annual Conference, Reno, Nevada.
294. Halley, Y.A., A. B. Welsh, and **J. T. Anderson**. 2019. A protocol for nondestructive genetic sampling of amphibian and fish species. American Fisheries Society and The Wildlife Society 2019 Joint Annual Conference, Reno, Nevada (Poster).

293. Lozon, D., and **J. T. Anderson**. 2019. Ruby Run riparian restoration: an assessments of ecological response in a West Virginia wetland. 75<sup>th</sup> Annual Northeast Fish and Wildlife Conference, Groton, Connecticut (Poster).
292. Lozon, D., and **J. T. Anderson**. 2019. Riparian wildlife assessments to establish a pre-restoration baseline for a West Virginia wetland. 23<sup>rd</sup> Annual Davis College Student Research and Creative Scholarship Day, Morgantown, West Virginia. (Poster).
291. Lozon, D., and **J. T. Anderson**. 2019. Riparian wetland assessments prior to restoration in Preston County. West Virginia. Women in Natural Resources Symposium, Morgantown, West Virginia. (Poster).
290. Lozon, D., J. Hubbard, D., Brown, and **J. T. Anderson**. 2019. Landscape effects on freshwater turtle heavy metal bioaccumulation in West Virginia wetlands. American Fisheries Society and The Wildlife Society 2019 Joint Annual Conference, Reno, Nevada (Poster).
289. Slabe, V.A., **J. T. Anderson**, J. Cooper, T. A. Miller, B. Brown, A. Wrona, P. Ortiz, J. Buchweitz, D. McRuer, E. Dominguez-Villegas, S. Behmke, and T. Katzner. 2019. Feeding ecology drives lead exposure of facultative and obligate avian scavengers in eastern North America. Raptor Research Foundation Annual Conference, Fort Collins, Colorado.
288. Williams, M, Y. A. Halley, A. B. Welsh, and **J. T. Anderson**. 2019. Using *Ambystoma maculatum* as a model for measuring species abundance in wetlands with environmental DNA. Women in Natural Resources Symposium, Morgantown, West Virginia. (Poster).
287. Williams, M, Y. A. Halley, A. B. Welsh, and **J. T. Anderson**. 2019. Quantitative PCR (qPCR) Assay for Detecting Spotted Salamander eDNA. West Virginia Chapter of the Wildlife Society, Morgantown, West Virginia. (Poster).

## 2018

286. Cunningham, C, Y. A. Halley, E. R. Merriam, A. B. Welsh, J. T. Petty, and **J. T. Anderson**. 2018. Environmental DNA Collection in the Field. WV Student Science Symposium, Fairmont, West Virginia. (Invited)
285. Cunningham, C., Y. A. Halley, E. R. Merriam, J. Morgan, J. T. Petty, A. B. Welsh, and **J. T. Anderson**. 2018. Competition between native and non-native darter

- species in the Potomac Drainage. West Virginia State Water Conference, Morgantown, West Virginia. (Poster)
284. Gulette, A., **J. T. Anderson**, J. Hatton, and D. J. Brown. 2018. Habitat suitability of restored wetlands for turtles in West Virginia. West Virginia University Institute of Water Security and Science Spring Symposium. Morgantown, West Virginia. (Poster).
283. Gulette, A., **J. T. Anderson**, J. Hatton, and D. J. Brown. 2018. Habitat suitability of restored wetlands for freshwater turtles in West Virginia. 74<sup>th</sup> Annual Northeast Fish and Wildlife Conference, Burlington, Vermont.
282. Halley Y. A., E. R. Merriam, A. B. Welsh, J. T. Petty, and **J. T. Anderson**. 2018. Utilizing environmental DNA to assess Appalachian vertebrate communities. WV Student Science Symposium, Fairmont, West Virginia. (Invited)
281. Halley, Y. A., E. R. Merriam, A. B. Welsh, J. T. Petty, and **J. T. Anderson**. 2018. Utilizing eDNA metabarcoding for fish community analysis in Appalachian headwater streams. West Virginia University Institute of Water Security and Science Spring Symposium. Morgantown, West Virginia. (Invited)
280. Halley, Y. A., E. R. Merriam, A. B. Welsh, J. T. Petty, and **J. T. Anderson**. 2018. Analyzing Appalachian headwater stream fish communities utilizing eDNA metabarcoding. 148<sup>th</sup> Annual American Fisheries Society Meeting. Atlantic City, New Jersey (Invited)
279. Halley, Y.A., E. R. Merriam, A. B. Welsh, J. T. Petty, and **J. T. Anderson**. 2018. Analysis of fish populations utilizing environmental DNA metabarcoding. West Virginia State Water Conference, Morgantown, West Virginia.
278. Hartley, J, Y. A. Halley, E. R. Merriam, A. B. Welsh, J. T. Petty, and **J. T. Anderson**. 2018. Distribution and habitat preferences of the Eastern hellbender within the Greenbrier River. WV Student Science Symposium, Fairmont, West Virginia. (Invited)
277. Hartley, J, Y. A. Halley, E. R. Merriam, A. B. Welsh, J. T. Petty, and **J. T. Anderson**. 2018. Distribution and habitat preferences of the eastern hellbender within the Greenbrier River in West Virginia. 93rd Annual West Virginia Academy of Sciences Meeting; Buckhannon, West Virginia.



276. Lewis, K, C. Rota, and **J. T. Anderson**. 2018. Influence of the Agricultural Conservation Easement program and inter-specific interaction on winter avian occupancy of West Virginia wetlands. 74<sup>th</sup> Annual Northeast Fish and Wildlife Conference, Burlington, Vermont.
275. Lewis, K, C. Rota, and **J. T. Anderson**. 2018. Wintering sparrow occupancy on private Agricultural Conservation Easement Program wetlands and public wetlands in West Virginia. West Virginia Chapter of The Wildlife Society. Morgantown, West Virginia.
274. Lozon, D., and **J. T. Anderson**. 2018. Riparian wildlife assessment at the WVU, J.W. Ruby Research Farm, Preston County, WV. 2018 West Virginia State Water Conference, Morgantown, West Virginia (Poster).
273. Rota, C., S. Landry, Q. Phelps, and **J. T. Anderson**. 2018. The best of both worlds: combining strengths of wildlife and fisheries statistical models for estimating survival probability from age harvest data. International Statistical Ecology Conference. St. Andrews, United Kingdom.
272. Rounsville Jr., T. F., A. B. Welsh, R. E. Rogers, C. W. Ryan, and **J. T. Anderson**. 2018. Modeling bobcat occupancy in West Virginia at the landscape level. West Virginia Chapter of The Wildlife Society. Morgantown, West Virginia.
271. Slabe, V. A., **J. T. Anderson**, B. Millsap, A. R. Harmata, M. Restani, J. Cooper, K. Rogers, P.H. Bloom, R. Domenech, R. Crandall, B. Smith, M. Lockhart, D. Driscoll, T. Booms, D. McRuer, E. Dominguez-Villegas, B. Bodenstein, T. Ortiz, and T. Katzner. 2018. Continental-scale patterns of lead exposure of facultative avian scavengers. Raptor Research Foundation Annual Conference. Kruger National Park, South Africa.
270. Warner, H. L., and **J. T. Anderson**. 2018. Enhancement of mitigated wetlands through pre-restoration evaluation. West Virginia University Institute of Water Security and Science Spring Symposium. Morgantown, West Virginia. (Poster).
269. Warner, H. L., and **J. T. Anderson**. 2018. Riparian wildlife on the WVU Reedsville Farm. West Virginia Chapter of The Wildlife Society. Morgantown, West Virginia. (Poster).
268. Williams, M, Y. A. Halley, E. R. Merriam, A. B. Welsh, J. T. Petty, and **J. T. Anderson**. 2018. Using environmental DNA and metabarcoding to evaluate community composition in Appalachian freshwater streams. 93rd

Annual West Virginia Academy of Sciences Meeting; West Virginia Wesleyan College, Buckhannon, West Virginia.

267. Yannuzzi, S., M. Peters, I. Gregg, C. Rota, and **J. T. Anderson**. 2018. Wintering American black duck occupancy in Central Appalachia. West Virginia Chapter of The Wildlife Society. Morgantown, West Virginia.

### 2017

266. Boucher, M., M. Tellez, and **J. T. Anderson**. 2017. Talking Croc: American crocodile bioacoustics in Belize. 73<sup>rd</sup> Annual Northeast Fish and Wildlife Conference, Norfolk, Virginia.
265. Coster, S. S., A. B. Welsh, G. Costanzo, J. Cooper, S. Harding, **J. T. Anderson**, and T. E. Katzner. 2017. Introgression of king and clapper rails: recent hybridization or incomplete lineage sorting? 73<sup>rd</sup> Annual Northeast Fish and Wildlife Conference, Norfolk, Virginia.
264. Gulette, A., D. J. Brown, **J. T. Anderson**, and J. Hatton. 2017. Habitat suitability of restored wetlands for aquatic turtles in West Virginia. West Virginia Chapter of The Wildlife Society. Morgantown, West Virginia. (Poster).
263. Halley, Y. A., E. R. Merriam, A. B. Welsh, J. T. Petty, and **J. T. Anderson**. 2017. Using environmental DNA to assess hellbender populations in the West Fork Greenbrier River, West Virginia. Ninety-Second Annual Meeting of the West Virginia Academy of Science. Glenville State College, West Virginia. (Poster).
262. Halley, Y. A., E. R. Merriam, A. B. Welsh, J. T. Petty, and **J. T. Anderson**. 2017. Using environmental DNA to assess species composition in Appalachian headwater streams and wetlands. West Virginia University Institute of Water Security and Science Spring Symposium. Morgantown, West Virginia.
261. Halley, Y. A., E. R. Merriam, A. B. Welsh, J. T. Petty, and **J. T. Anderson**. 2017. Using environmental DNA to assess species composition in Appalachian headwater streams. Joint Meeting of Ichthyologists and Herpetologists. Austin, Texas.
260. Katzner, T.E., L. Rhea, V. Slabe, **J. T. Anderson**, M. Stuber, and B. Millsap. 2017. Origins of lead in populations of raptors. Snake River Birds of Prey National Conservation Area Symposium. Boise, Idaho.

259. Katzner, T.E., M. J. Stuber, V. A. Slabe, **J. T. Anderson**, J. L. Cooper, L. L. Rhea, and B. Millsap. 2017. Origins of lead in populations of wild raptors. Raptor Research Foundation Annual Meeting, Salt Lake City, Utah.
258. Landry, S. M., T. Rounsville, R. E. Rogers, C. W. Ryan, A. B. Welsh, and **J. T. Anderson**. 2017. Parvovirus prevalence in West Virginia bobcats. 73<sup>rd</sup> Annual Northeast Fish and Wildlife Conference, Norfolk, Virginia.
257. Landry, S. M., R. E. Rogers, A. B. Welsh, C. W. Ryan, and **J. T. Anderson**. 2017. Estimating parvovirus frequency in West Virginia bobcats. 21<sup>st</sup> Annual Davis College Student Research and Creative Scholarship Day, Morgantown, WV.
256. Landry, S. M., R. E. Rogers, A. B. Welsh, C. W. Ryan, C. Rota, and **J. T. Anderson**. 2017. Population demographics of West Virginia bobcats using age-at-harvest data. 33<sup>rd</sup> International Union of Game Biologists Congress, Montpellier, France.
255. Lewis, K, C. Rota, and **J. T. Anderson**. 2017. Wintering avian community structure on West Virginia Agricultural Conservation Easement Program Wetlands. 73<sup>rd</sup> Annual Northeast Fish and Wildlife Conference, Norfolk, Virginia.
254. Lewis, K, C. Rota, and **J. T. Anderson**. 2017. Wintering avian occupancy and richness in West Virginia Agricultural Conservation Easement Wetlands. West Virginia Chapter of The Wildlife Society. Morgantown, West Virginia. (Poster).
253. Millikin, A.R., S. K. Woodley, D. R. Davis, and **J. T. Anderson**. 2017. Factors influencing salamander hormones in created wetlands. West Virginia University Institute of Water Security and Science Spring Symposium. Morgantown, West Virginia. (Poster).
252. Millikin, A.R., S. K. Woodley, D. R. Davis, and **J. T. Anderson**. 2017. Factors influencing salamander hormones in created wetlands. Ninety-Second Annual Meeting of the West Virginia Academy of Science. Glenville State College, West Virginia. (Poster).
251. Millikin, A.R., S. K. Woodley, D. R. Davis, and **J. T. Anderson**. 2017. Factors influencing salamander hormones in created wetlands. Joint Meeting of Ichthyologists and Herpetologists. Austin, Texas. (Poster).

250. Millikin, A.R., S. K. Woodley, D. R. Davis, and **J. T. Anderson**. 2017. Factors influencing salamander hormones in created wetlands. West Virginia Chapter of The Wildlife Society. Morgantown, West Virginia. (Poster).
249. Owers, A.R., T. F. Rounsville, A. B. Welsh, R. E. Rogers, C. W. Ryan, and **J. T. Anderson**. 2017. Evaluating population genetics and movement patterns of West Virginia's bobcats. 73<sup>rd</sup> Annual Northeast Fish and Wildlife Conference, Norfolk, Virginia.
248. Petrauski, L., S. Owen, G. Constantz, and **J. T. Anderson**. 2017. Changes in flowering phenology over 125 years in the Central Appalachians. Northeast Natural History Conference, Cromwell, Connecticut.
247. Rounsville Jr., T. F., A. B. Welsh, R. E. Rogers, C. W. Ryan, and **J. T. Anderson**. 2017. Utility of next-generation sequencing for noninvasive hair snare sampling. 73<sup>rd</sup> Annual Northeast Fish and Wildlife Conference, Norfolk, Virginia.
246. Slabe, V. A., **J. T. Anderson**, A. R. Harmata, M. Restani, B. Millsap, J. Cooper, and T. E. Katzner. 2017. Blood lead levels of eastern North American golden eagles. 2017 Eastern Golden Eagle Working Group Meeting, Chattanooga, Tennessee. (Invited)
245. Stiffler L. L., **J. T. Anderson**, S. Harding, T. E. Katzner. 2017. Optimizing timing of vocalization and detection rates of rails in Virginia. 21<sup>st</sup> Annual Davis College Student Research and Creative Scholarship Day, Morgantown, WV.
244. Stiffler L. L., **J. T. Anderson**, T. E. Katzner. 2017. Using acoustic recordings to assess occupancy and distribution of rails in Virginia. Waterbirds, Reykjavik, Iceland.
243. Yannuzzi, S., M. Peters, I. Gregg, C. Rota, and **J. T. Anderson**. 2017. Wintering American black duck habitat use of created and natural wetlands in the Appalachian Plateau. 73<sup>rd</sup> Annual Northeast Fish and Wildlife Conference, Norfolk, Virginia.
242. Yannuzzi, S., M. Peters, I. Gregg, and **J. T. Anderson**. 2017. American black duck habitat use on the Appalachian Plateau. 2017 Waterfowl Symposium, Franklin, Pennsylvania. (Invited)

241. Belcher, K., S. Landry, J. Garza, R. E. Rogers, A. B. Welsh, C. W. Ryan, and **J. T. Anderson**. 2016. West Virginia bobcats: host of zoonotic parasites. 72<sup>nd</sup> Annual Northeast Fish and Wildlife Conference, Annapolis, Maryland. (Poster)
240. Belcher, K., S. Landry, J. Garza, R. E. Rogers, A. B. Welsh, C. W. Ryan, and **J. T. Anderson**. 2016. Zoonotic parasites in West Virginia bobcat population. The Wildlife Society 2016 Annual Conference, Raleigh, North Carolina.
239. Boucher, M., **J. T. Anderson**, M. Tellez, and K. Hartman. 2016. Croc Talk: American crocodile acoustics in Belize. 24<sup>th</sup> Working Group Crocodile Specialist Group, Skukuza, South Africa.
238. Boucher, M., **J. T. Anderson**, M. Tellez, and K. Hartman. 2016. Investigation and implications of American crocodile behavior in Belize. XX Congress of the Mesoamerican Society for Biology and Conservation, Belize City, Belize.
237. Boucher, M. N., **J. T. Anderson**, M. Tellez, and A. Doyle. 2016. Field application of individual identification of American Crocodiles in Belize. The Wildlife Society 2016 Annual Conference, Raleigh, North Carolina.
236. Clipp, H. L., N. S. Goodman, M. L. Peters, and **J. T. Anderson**. 2016. Annual and seasonal patterns in the waterbird community of a recently created wetland in West Virginia in comparison to a nearby established wetland. 72<sup>nd</sup> Annual Northeast Fish and Wildlife Conference, Annapolis, Maryland.
235. Clipp, H. L., N. S. Goodman, M. L. Peters, and **J. T. Anderson**. 2016. Comparing waterbird communities of a newly created wetland and an established wetland in West Virginia. 2016 Brooks Bird Club Foray, Parsons, WV. (Invited)
234. Clipp, H. L., M. L. Peters, and **J. T. Anderson**. 2016. Comparing waterbird communities of two created wetlands in West Virginia. North American Ornithological Conference VI, Washington, DC. (Poster)
233. Cooley, C., I. Holaskova, B. S. Dorr, K. C. Hanson-Dorr, **J. T. Anderson**, E. A. Falkenstein, and H. Klandorf. 2016. Pentosidine-based age prediction model comparison for cormorants. 20<sup>th</sup> Annual Davis College Student Research and Creative Scholarship Day, Morgantown, WV.

232. Coster, S. S., A. B. Welsh, G. Costanzo, J. Cooper, S. Harding, **J. T. Anderson**, and T. E. Katzner. 2016. Birds of a feather flock together? Exploring population structure and introgression in the king-clapper rail complex. 72<sup>nd</sup> Annual Northeast Fish and Wildlife Conference, Annapolis, MD.
231. Coster, S. S., A. B. Welsh, G. Costanzo, J. Cooper, S. Harding, **J. T. Anderson**, and T. E. Katzner. 2016. Birds of a feather flock together? Exploring population structure and introgression in the king-clapper rail complex. York River Research Symposium, Gloucester Point, VA.
230. Duerr, A. E., M. Braham, T. A. Miller, **J. T. Anderson**, J. Cooper, and T. E. Katzner. 2016. Resting site selection by golden eagles (*Aquila chrysaetos*) demonstrates resource use driven by flight behavior. Annual Meeting of the Raptor Research Foundation. Cape May, New Jersey.
229. Goodman, N., J. C. Eitniear, and **J. T. Anderson**. 2016. Time-activity budgets of stiff-tailed ducks in Puerto Rico. North American Ornithological Conference VI, Washington, DC.
228. Goodman, N., J. C. Eitniear, and **J. T. Anderson**. 2016. Stiff-tailed duck time-activity budgets in Puerto Rico. The Wildlife Society 2016 Annual Conference, Raleigh, North Carolina.
227. Goodman, N., J. C. Eitniear, and **J. T. Anderson**. 2016. A stiff comparison: comparing time-activity budgets of stiff-tailed ducks in Puerto Rico. North American Duck Symposium, Annapolis, MD.
226. Landry, S. M., **J. T. Anderson**, R. E. Rogers, A. B. Welsh, and C. W. Ryan. 2016. Bobcat demography in West Virginia. 91<sup>st</sup> Annual meeting of the West Virginia Academy of Sciences, Huntington, West Virginia. (Poster-Honorable Mention)
225. Landry, S. M., R. E. Rogers, C. W. Ryan, A. B. Welsh, and **J. T. Anderson**. 2016. Estimating demographics of West Virginia bobcats. 72<sup>nd</sup> Annual Northeast Fish and Wildlife Conference, Annapolis, MD.
224. Landry, S. M., R. E. Rogers, A. B. Welsh, C. W. Ryan, and **J. T. Anderson**. 2016. Bottom of the ninth life: reevaluating population dynamics of West Virginia bobcats using age-at-harvest data. The Wildlife Society 2016 Annual Conference, Raleigh, North Carolina.
223. Landry, S. M., R. E. Rogers, A. B. Welsh, C. W. Ryan, and **J. T. Anderson**. 2016. Demographic estimates of an exploited bobcat (*Lynx rufus*) population in West Virginia. XVI Nordic Congress of Wildlife Research, Rovaniemi, Finland.

222. Miller, T. A., M. Braham, A. E. Duerr, J. Cooper, M. J. Lanzone, **J. T. Anderson** and T. E. Katzner. 2016. Juvenile Bald Eagle (*Haliaeetus leucocephalus*) movements in the Chesapeake Bay, Virginia, USA. Annual Meeting of the Raptor Research Foundation. Cape May, New Jersey.
221. Millikin, A. R., S. K. Woodley, D. R. Davis, and **J. T. Anderson**. 2016. Water-borne hormone levels of spotted salamanders (*Ambystoma maculatum*) in created wetlands. 2016 Joint Meeting of Ichthyologists and Herpetologists, New Orleans, LA.
220. Petruski, L. M., G. A. Good, T. Rodd, G. Constantz, and **J. T. Anderson**. 2016. Finding and analyzing spring wildflower blooming and bird migration arrival dates over the last 130 years in West Virginia. 20<sup>th</sup> Annual Davis College Student Research and Creative Scholarship Day, Morgantown, WV. (Poster)
219. Petruski, L. M., and **J. T. Anderson**. 2016. Historical phenology: spring migration and wildflower blooming. Brooks Bird Club Annual Foray. Parsons, WV. (Invited)
218. Petruski, L. M., **J. T. Anderson**, G. Constantz, and S. Owen. 2016. Changes in spring arrival dates of 117 bird species over 127 years in West Virginia. North American Ornithological Conference VI, Washington, DC.
217. Petruski, L. M., **J. T. Anderson**, G. Constantz, and S. Owen. 2016. 127 years of shifts in avian spring arrival dates in West Virginia. The Wildlife Society 2016 Annual Conference, Raleigh, North Carolina.
216. Roof, J. E., S. M. Landry, R. E. Rogers, C. W. Ryan, A. B. Welsh, and **J. T. Anderson**. 2016. Winter diet of West Virginia bobcats. 72<sup>nd</sup> Annual Northeast Fish and Wildlife Conference, Annapolis, Maryland. (Poster)
215. Roof, J. E., S. M. Landry, R. E. Rogers, C. W. Ryan, A. B. Welsh, and **J. T. Anderson**. 2016. Winter diet of West Virginia bobcats. The Wildlife Society 2016 Annual Conference, Raleigh, North Carolina. (Poster)
214. Rounsville Jr., T. F., R. E. Rogers, A. B. Welsh, C. W. Ryan, and **J. T. Anderson**. 2016. Revisiting non-invasive hair snares for bobcats. 72<sup>nd</sup> Annual Northeast Fish and Wildlife Conference, Annapolis, Maryland.

213. Rounsville Jr., T. F., R. E. Rogers, A. B. Welsh, C. W. Ryan, and **J. T. Anderson**. 2016. The next generation of non-invasive hair snare surveys. The Wildlife Society 2016 Annual Conference, Raleigh, North Carolina.
212. Slabe, V. A., **J. T. Anderson**, J. Cooper, D. McRuer, and T. Katzner. 2016. Blood lead levels of piscivorous raptors in the coastal plain of Virginia. Annual Meeting of the Raptor Research Foundation. Cape May, NJ, USA.
211. Spindler, M., M. Peters, I. Gregg, and J. T. Anderson. 2016. Wintering American black duck habitat use and carrying capacity on created and natural wetlands in West Virginia and Pennsylvania. 72<sup>nd</sup> Annual Northeast Fish and Wildlife Conference, Annapolis, Maryland.
210. Stiffler L. L., **J. T. Anderson**, and T. E. Katzner. 2016. Detection of king and clapper rails using autonomous acoustic surveying techniques York River Research Symposium, Gloucester Point, Virginia. (Poster)
209. Stiffler L. L., **J. T. Anderson**, T. E. Katzner, S. Harding, J. Cooper, and G. Costanzo. 2016. Detection of king and clapper rails using autonomous acoustic surveying techniques. 20<sup>th</sup> Annual Davis College Student Research and Creative Scholarship Day, Morgantown, WV. (First Place-Poster)
208. Stiffler L. L., **J. T. Anderson**, S. Harding, J. Cooper, G. Costanzo, and T. E. Katzner. 2016. Strategies of autonomous surveying of rails in estuarine marsh habitats. The Wildlife Society 2016 Annual Conference, Raleigh, North Carolina.
207. Stiffler L. L., **J. T. Anderson**, and T. E. Katzner. 2016. Diel variation in vocalization and detection rates of king and clapper rails in Virginia intracoastal waterways. North American Ornithological Conference VI, Washington, DC.

### 2015

206. Bonacina, D. Y., E. M. Pena-Yewtukhiw, and **J. T. Anderson**. 2015. Chesapeake Bay pollution: assessing soil surface particle and organic matter movement in managed grassland in the Cacapon Watershed, WV. Synergy in Science: Partnering for Solutions, International Annual Meeting of the American Society of Agronomy, Crop Science Society of America, and Soil Science Society of America, Minneapolis, MN (Poster).



205. Clipp, H. L., N. S. Goodman, M. L. Peters, and **J. T. Anderson**. 2015. Comparing waterbird species diversity and composition between a newly created wetland and an established wetland in West Virginia. 71<sup>st</sup> Annual Northeast Fish and Wildlife Conference, Newport, Rhode Island (Poster).
204. Clipp, H. L., N. S. Goodman, M. L. Peters, and **J. T. Anderson**. 2015. Comparing waterbird diversity, species composition, and abundance between a newly created wetland and an established wetland in West Virginia. Undergraduate Research Day at the Capitol, Charleston, WV (Poster).
203. Clipp, H. L., N. S. Goodman, M. L. Peters, and **J. T. Anderson**. 2015. Short-term changes in a waterbird community following wetland creation in West Virginia. West Virginia Chapter of The Wildlife Society Annual Meeting, Elkins, WV (Poster).
202. Coster, S., T.E. Katzner, **J.T. Anderson**, S. Harding, and A.B. Welsh. 2015. Using genetic methods to investigate hybridization, residency and epigenetics in the king-clapper rail complex. Ecological Society of America, Annual Meeting, Baltimore, MD. (Poster).
201. Coster, S., A.B. Welsh, G. Costanzo, J. Cooper, S. Harding, **J.T. Anderson**, T.E. Katzner. 2015. Birds of a feather flock together? Investigating introgression in the king-clapper rail complex. Southeast Partners In Flight 2015 Annual Meeting, Lafayette, LA.
200. Goodman, N., and **J. T. Anderson**. 2015. Time-activity budgets of stiff-tailed ducks in Laguna Cartegena National Wildlife Refuge, Puerto Rico. The Wildlife Society 22<sup>nd</sup> Annual Conference, Manitoba, Canada (Poster).
199. Goodman, N., J. C. Eitniear, and **J. T. Anderson**. 2015. A stiff assessment: assessing time-activity budgets of stiff-tailed ducks in Puerto Rico. West Virginia Chapter of The Wildlife Society Annual Meeting, Elkins, WV (Poster).
198. Kyonka, E., S. Subramaniam, D. Bell-Garrison, and **J T. Anderson**. 2015. White-crowned pigeons are more sensitive to immediacy than rock doves. Association for Behavioral Analysis 41<sup>st</sup> Annual Convention (Poster).
197. Landry, S. M., R. E. Rogers, A. B. Welsh, C. W. Ryan, and **J. T. Anderson**. 2015. Bobcat population ecology in West Virginia. Maryland-Delaware Chapter of The Wildlife Society, 2015 Annual Spring Meeting (Poster; First Place Graduate Students).

196. Landry, S. M., R. E. Rogers, A. B. Welsh, C. W. Ryan, and **J. T. Anderson**. 2015. West Virginia bobcat population ecology. West Virginia Chapter of The Wildlife Society Annual Meeting, Elkins, WV (Poster).
195. Landry, S. M., R. E. Rogers, A. B. Welsh, C. W. Ryan, and **J. T. Anderson**. 2015. West Virginia bobcat population ecology: determining survival, reproductive success, and population health. West Virginia Trappers Association Annual Convention, Glenville, WV.
194. McPherson, L. A., and **J. T. Anderson**. 2015. Functional equivalence of created wetland water quality: a comparison of amphibian metamorphic success. 71<sup>st</sup> Annual Northeast Fish and Wildlife Conference, Newport, Rhode Island.
193. McPherson, L. A., and **J. T. Anderson**. 2015. A comparison of amphibian metamorphic success between created and natural wetlands. 2015 Annual meeting Northeast Partners in Amphibian and Reptile Conservation, West Greenwich, Rhode Island.
192. McPherson, L. A., and **J. T. Anderson**. 2015. Comparing amphibian metamorphic success between created and natural wetlands. 2015 Joint Meeting of Ichthyologists and Herpetologists, Reno, Nevada.
191. McPherson, L. A., and **J. T. Anderson**. 2015. Measuring the success of created wetlands: a comparison of amphibian metamorphosis. Davis College of Agriculture, Natural Resources and Design Annual Graduate Student Research Conference, Morgantown, WV. (First Place)
190. Petruski, L. M., G. A. Good, T. Rodd, G. Constantz, and **J. T. Anderson**. 2015. Using archival data to analyze patterns of bird breeding and flowering dates of wildflowers to create a baseline phenological database for the West Virginia University Natural History Museum. 90<sup>th</sup> annual Meeting of the West Virginia Academy of Sciences, Wheeling, WV.
189. Petruski, L. M., G. A. Good, T. Rodd, G. Constantz, and **J. T. Anderson**. 2015. Using publicly sourced, archival data to create a baseline phenological database for the West Virginia University Natural History Museum. International Conference on Phenology, Kusadasi, Turkey (Poster).
188. Petruski, L. M., G. A. Good, T. Rodd, G. Constantz, and **J. T. Anderson**. 2015. Using publicly sourced, archival data to study the phenology of songbird migration and spring wildflowers. West Virginia Chapter of The Wildlife Society Annual Meeting, Elkins, WV.

187. Rounsville, Jr. T. F., R. E. Rogers, A. B. Welsh, C. W. Ryan, and **J. T. Anderson**. 2015. An effective new tool for bobcat capture-recapture surveys. The Wildlife Society 22<sup>nd</sup> Annual Conference, Manitoba, Canada.
186. Ravenscroft, W. L. Hedrick, **J. T. Anderson**, and L. Lin. 2015. Effects of highway construction on stream health in Mid-Atlantic Highlands Watersheds. Twenty-second Environmental Conference, Mid-Atlantic Chapter of the International Erosion Control Association, Morgantown WV (Invited).
185. Slabe, V. A., **J. T. Anderson**, A. R. Harmata, M. Restani, B. Millsap, J. Cooper, and T. E. Katzner. 2015. Nationwide blood lead levels of North American golden eagles. 2015 Raptor Research Foundation Annual Conference, Sacramento, CA (Poster).
184. Stiffler, L. L., J. T. Anderson, T. E. Katzner, A. B. Welsh, S. Harding, J. Cooper, and G. Costanza. 2015. Success of autonomous recording units (ARUs) in detecting king and clapper rails. Southeast Partners In Flight 2015 Annual Meeting, Lafayette, LA (Poster).

### 2014

183. Cooney, C., B. Dorr, K. C. Hanson, **J. T. Anderson**, and H. Klandorf. 2014. Age and gender population demographics for managed and unmanaged double-crested cormorants in Lake Michigan. Joint Meeting of the Association of Field Ornithologists and Wilson Ornithological Society, Newport, RI. (First Place Poster)
182. Drahota, B. M., A. Duerr, **J. T. Anderson**, S. Harding, J. Cooper, T. E. Katzner. 2014. Abundance and habitat associations of bald eagles (*Haliaeetus leucocephalus*) in the Chesapeake Bay, VA. Raptor Research Foundation 2014 Annual Meeting, Corpus Christi, TX.
181. Goodman, N., M. Peters, and **J. T. Anderson**. 2014. Waterbird use of a newly created wetland and an established wetland in West Virginia. 70<sup>th</sup> Annual Northeast Fish and Wildlife Conference, Portland, Maine (Poster).
180. Goodman, N., M. Peters, and **J. T. Anderson**. 2014. Pleasant Creek Wetlands: A Case Study and Design. Joint Meeting of the West Virginia Chapter of The Wildlife Society and American Fisheries Society, Elkins, WV.

179. Goodman, N., M. Peters, and **J. T. Anderson**. 2014. Wetland mitigation: waterbird use and structure. Davis College of Agriculture, Natural Resources and Design Annual Graduate Student Research Conference, Morgantown, WV. (Poster).
178. Pitchford, J., M. Strager, A. Riley, L. Lin, and **J. T. Anderson**. 2014. Modelling streambank erosion potential using maximum entropy in a Central Appalachian watershed. Sediment Dynamics: From the Summit to the Sea, ICCE/IAHS International Symposium New Orleans, LA.
177. Strain, G. F., P. J. Turk, and **J. T. Anderson**. 2014. Functional equivalency of created and natural wetlands in the Central Appalachians: reproductive success, call phenology, and diet composition of amphibians. Joint Aquatic Sciences Meeting 2014, Portland, OR (Invited).

### 2013

176. Cooley, C., B. Dorr, **J. T. Anderson**, H. Klandorf. 2013. Distribution of age estimates between managed and unmanaged double-crested cormorant (*Phalacrocorax auritus*) colonies around the Door Peninsula of Wisconsin. Davis College of Agriculture, Natural Resources and Design Annual Graduate Student Research Conference, Morgantown, WV.
175. Goodman, N., M. Peters, and **J. T. Anderson**. 2013. Comparison of a newly created wetland to an established wetland in West Virginia. West Virginia Chapter of The Wildlife Society, French Creek, WV. (Poster)
174. McDonald, L. M., A. Burgess, J. Skousen, J. L. Cook, S. Verlinden, Walter E. Veselka, IV, and **J. T. Anderson**. 2013. Reducing negative impacts of poultry litter on water quality by developing alternative markets for poultry litter biochar. From Waste to Worth: "Spreading" Science and Solutions, Denver, CO.
173. Strain, G., **J. T. Anderson**, and P. J. Turk. 2013. If we build it, what will they eat? Diet composition functional equivalency of red-spotted newts in created and natural wetlands. Society of Wetland Scientists Annual Meeting 2013, Duluth, MN.
172. Strain, G., **J. T. Anderson**, E. D. Michael, and P. J. Turk. 2013. Common snapping turtle hibernacula use and hibernation phenology in the Central Appalachians. Society of Wetland Scientists Annual Meeting 2013, Duluth, MN. (Poster)

### 2012

171. Anderson, A. M., and **J. T. Anderson**. 2012. Avian and anuran communities in mitigated and reference wetlands of West Virginia. 9<sup>th</sup> INTECOL International Wetlands Conference, Orlando, FL (Poster).
170. Anderson, A. M., and **J. T. Anderson**. 2012. Can we create wetlands to replace the biodiversity function of wetlands lost to development? IV<sup>th</sup> International Wildlife Management Congress, Durban, South Africa (Poster).
169. Cooley, C., B. Dorr, **J. T. Anderson**, H. Klandorf. 2012. Population demographics for managed and unmanaged double-crested cormorant colonies around the Door Peninsula of Wisconsin. 68<sup>th</sup> Northeast Fish and Wildlife Conference, Charleston, WV.
168. Cooley, C., B. Dorr, **J. T. Anderson**, H. Klandorf. 2012. Age demographic determination for managed and unmanaged double-crested cormorant colonies using the biomarker pentosidine. The Wildlife Society 2012 Conference, Portland OR. (Poster).
167. Cook, J., L. McDonald, W. E. Veselka, and **J. T. Anderson**. 2012. Nutrient, carbon, and salt release from poultry litter biochar. American Society of Agronomy, Crop Science Society of America, and Soil Science Society of America International Annual Meetings, Cincinnati, Ohio (Poster).
166. McCoard, K. R. P., and **J. T. Anderson**. 2012. Factors affecting wood turtles at the southern limits of their range. Davis College of Agriculture, Natural Resources and Design 16<sup>th</sup> Annual Graduate Student Research Conference, Morgantown, WV.
165. Pitchford, J. L., S. Selego, L. Lin, and **J. T. Anderson**. 2012. A comprehensive look at the effectiveness of stream restoration in the Cacapon River, West Virginia: A case study. 68<sup>th</sup> Northeast Fish and Wildlife Conference, Charleston, WV.
164. Pitchford, J. L., S. Selego, L. Lin, and **J. T. Anderson**. 2012. A comprehensive look at the effectiveness of stream restoration in the Cacapon River, West Virginia: A case study. Davis College of Agriculture, Natural Resources and Design 16<sup>th</sup> Annual Graduate Student Research Conference, Morgantown, WV.
163. Selego, S. M., and **J. T. Anderson**. 2012. Longear sunfish nest site selection and response to perceived harm in a Potomac River Tributary. Society for

Northwestern Vertebrate Biology 2012 Annual Meeting, Hood River, Oregon.  
(Poster)

162. Strain, G. F., P. J. Turk, and **J. T. Anderson**. 2012. Diet composition of red-spotted newts (*Notophthalmus viridescens viridescens*) inhabiting mitigated wetlands of the Central Appalachians. 68<sup>th</sup> Northeast Fish and Wildlife Conference, Charleston, WV.

### 2011

161. Cooley, C., B. Dorr, **J. T. Anderson**, H. Klandorf, P. Turk, and G. Merovich. 2011. Double-crested cormorant (*Phalacrocorax auritus*) population demographic parameters on Lake Michigan managed and unmanaged islands. WVU Davis College Graduate Student Research Competition, Morgantown, WV.
160. Cooley, C., B. Dorr, **J. T. Anderson**, H. Klandorf, P. Turk, and G. Merovich. 2011. Double-crested cormorant population dynamics in islands around the Door Peninsula of Wisconsin: a progress report. Great Lakes Double-crested Cormorant Management Working Group Meeting, East Lansing, MI (Invited)
159. Eddy, C., J. L. Pitchford, and J. T. Anderson. 2011. Exploring the uses of chicken litter biochar as a soil amendment in strip mine remediation. West Virginia University Summer Undergraduate Research Symposium 2011, Morgantown, WV.
158. Hedrick, L. and **J. T. Anderson**. 2011. Effects of highway construction on sediment and benthic macroinvertebrates in two tributaries of the Lost River, WV. International Erosion Control Association Mid-Atlantic Chapter, Charleston, West Virginia. (Invited)
157. McCoard, K., and **J. T. Anderson**. 2011. Cacapon River wood turtle ecology. Wood Turtle Working Group, Shepherdstown, WV (Invited)
156. McCoard, K., and **J. T. Anderson**. 2011. Riparian ecological community assessment along a reach of the Cacapon River, WV. Mid-Atlantic Stream Restoration Conference, Rocky Gap, Maryland.
155. Pitchford, J. L., C. Wu, L. Lin, J. T. Petty, R. Thomas, W. E. Veselka IV, D. Welsch, N. Zegre, and **J. T. Anderson**. 2011. Climate change effects on

- hydrology and ecology of wetlands in the Mid-Atlantic Highlands. WVU Davis College Graduate Student Research Competition, Morgantown, WV.
154. Pitchford, J. L., S. L. Selego, and **J. T. Anderson**. 2011. The effects of stream restoration on streambank migration, water quality, and macroinvertebrate communities in the Cacapon River, West Virginia. Mid-Atlantic Stream Restoration Conference, Rocky Gap, Maryland.
153. Rauch, S. E., **J. T. Anderson**, and A. B. Billings. 2011. Spring hunting season home range size of male wild turkeys in north central West Virginia. 10<sup>th</sup> National Wild Turkey Symposium, Shepherdstown, WV.
152. Rose, C. L., P. J. Turk, and **J. T. Anderson**. 2011. Diet plasticity of white-footed mice (*Peromyscus leucopus*) through selection of invasive Morrow's Honeysuckle (*Lonicera morrowii*) and native mast across multiple habitats and fruiting seasons in the Northeastern United States. WVU Davis College Graduate Student Research Competition, Morgantown, WV. (First Place M.S. Student oral presentation)
151. Selego, S. M., and **J. T. Anderson**. 2011. Nest site selection and threat response in male Centrarchidae in the Cacapon River, West Virginia, USA. WVU Davis College Graduate Student Research Competition, Morgantown, WV. (Oral—Third Place M.S. Student oral presentation).
150. Strain, G. F., and **J. T. Anderson**. 2011. Amphibian reproductive success, call phenology, and diet composition in mitigation wetlands of the central Appalachians. Maryland Delaware Chapter of The Wildlife Society, Boonsboro, Maryland (Poster—Second Place).
149. Veselka, W., **J. T. Anderson**, and W. Kordek. 2011. West Virginia's road map to making wetlands count. Joint Meeting of the Society of Wetland Scientists, WETPOL, and Wetland Biogeochemistry Symposium. Prague, Czech Republic.

## **2010**

148. Anderson, A. M., R. T. Gingerich, and **J. T. Anderson**. 2010. Biota comparison of mitigated and natural wetlands of West Virginia, USA. Thirty-first Annual Conference Society of Wetland Scientists, Salt Lake City, UT. (Poster)

147. Cooley, C., **J. T. Anderson**, H. Klandorf, B. Dorr, P. Turk, G. Merovich, and K. Blemings. 2010. Assessment of double-crested cormorant (*Phalacrocorax auritus*) age structure, survival, and fecundity on managed and unmanaged islands in Lake Michigan. Proceedings of the Berryman Institute Biennial Symposium. Western section of the Berryman Institute, 10-12 May 2010, Logan, Utah, USA.
146. Gingerich, R. T., and **J. T. Anderson**. 2010. Decomposition rates in created and natural wetlands of West Virginia. Eighty-fifth Annual West Virginia Academy Sciences Meeting, Morgantown, WV. (Outstanding Oral Presentation –Graduate Student)
145. Jeanfreau, K., G. Strain, and **J. T. Anderson**. 2010. Comparison of amphibian populations and water quality against wetland rapid assessment scores. West Virginia University Summer Undergraduate Research Symposium 2010, Morgantown, WV.
144. McCoard, K. R. P., and **J. T. Anderson**. 2010. A year in the lives of West Virginia's wood turtles. Eighty-fifth Annual West Virginia Academy Sciences Meeting, Morgantown, WV.
143. Pitchford J. L., C. Wu, L. Lin, J. T. Petty, R. Thomas, W. E. Veselka, D. Welsch, N. Zegre, and J. T. Anderson. 2010. Global climate change effects on hydrology and ecology of wetlands in the mid-Atlantic Highlands. Thirty-first Annual Conference Society of Wetland Scientists, Salt Lake City, UT. (Invited)
142. Rauch, S. E., **J. T. Anderson**, and A. B. Billings. 2010. The use of eccentricity to describe the home range shape of wild turkeys in West Virginia. 66<sup>th</sup> Annual Northeast Fish and Wildlife Conference, Boston, MA.
141. Rose, C. L., **J. T. Anderson**, and G. T. Merovich. 2010. Seasonal consumption and caching of fruits and seeds from native plant species and invasive Morrow's honeysuckle (*Lonicera morrowii*) by small mammals. WVU Davis College Graduate Student Research Competition, Morgantown, WV. (Poster—First Place)
140. Rose, C. L., **J. T. Anderson**, and G. T. Merovich. 2010. Seasonal consumption of fruits and seeds from native plant species and invasive Morrow's honeysuckle (*Lonicera morrowii*) by small mammals in the northeastern United States. 66<sup>th</sup> Annual Northeast Fish and Wildlife Conference, Boston, MA.
139. Selego, S., **J. T. Anderson**, and S. A. Welsh. 2010. Assessment of benthic macroinvertebrate and fish communities prior to restoration efforts in the Cacapon



River, West Virginia. WVU Davis College Graduate Student Research Competition, Morgantown, WV. (Poster--Third Place)

138. Selego, S., **J. T. Anderson**, and S. A. Welsh. 2010. Response of fish and benthic macroinvertebrate communities to in-stream and riparian restoration techniques in the Cacapon River, West Virginia. 66<sup>th</sup> Annual Northeast Fish and Wildlife Conference, Boston, MA.
137. Veselka, W. E., and **J. T. Anderson**. 2010. Evaluating functions and services of wetlands in West Virginia. Highlands Summit: Highland Problems and Downstream Connections, Davis, WV. (invited)
136. Veselka, W. E., **J. T. Anderson**, and W. Kordek. 2010. Evaluating functions and services of wetlands in West Virginia. Thirty-first Annual Conference Society of Wetland Scientists, Salt Lake City, UT.

### 2009

135. Anderson, A. M., R. T. Gingerich, and **J. T. Anderson**. 2009. Bird and anuran metrics in mitigated and natural wetlands. Twenty-third Annual Meeting of the Society for Conservation Biology, Beijing, China. (Poster)
134. Cooley, C. K., **J. T. Anderson**, B.S. Dorr, and H. Klandorf. 2009. Development and evaluation of an *In Vivo* pentosidine aging technique for double-crested cormorants. 65<sup>th</sup> Annual Northeast Fish and Wildlife Conference, Lancaster, PA. (Poster)
133. Cooley, C., B. Dorr, K. Hanson, **J. T. Anderson**, E. Falkenstein, and H. Klandorf. 2009. Creation and Evaluation of a Minimally Invasive Sampling Technique to Estimate the Age of Adult Double-crested Cormorants (*Phalacrocorax auritus*). The Wildlife Society 16<sup>th</sup> Annual Conference, Monterey, CA. (Poster; First Place—Student Competition).
132. Cooley, C. K., **J. T. Anderson**, B.S. Dorr, K. Hanson, and H. Klandorf. 2009. Development and evaluation of an *In Vivo* pentosidine aging technique for double-crested cormorants (*Phalacrocorax auritus*). 2009 Joint Meeting of the Wilson Ornithological Society and the Association of Field Ornithologists, Pittsburgh, PA.
131. Cooley, C., B. Dorr, K. Hanson, **J. T. Anderson**, and E. Falkenstein, H. Klandorf. 2009. Creation and Evaluation of a Minimally Invasive Sampling Technique to Estimate the Age of Adult Double-crested Cormorants (*Phalacrocorax auritus*).

West Virginia Chapter of The Wildlife Society Annual Meeting, Morgantown, WV.

130. Cooley, C., B. Dorr., K. Hanson, **J. T. Anderson**, E. Falkenstein, and H. Klandorf. 2009. Evaluation of the Biomarker Pentosidine for use as an Aging Tool for Living Double-crested Cormorants (*Phalacrocorax auritus*). WVU Davis College Graduate Student Research Competition, Morgantown, WV. (Second Place)
129. Flaherty, K. L., **J. T. Anderson**, and J. C. Crum. 2009. Changes in forest understory communities following white-tailed deer exclusion. Thirty-second Annual Meeting Southeast Deer Study Group, Roanoke, VA.
128. Gingerich, G., J. T. Petty, **J. T. Anderson**, and P. Ziemkiewicz. 2009. Ecological functions of headwater aquatic habitats on reclaimed surface mines. American Fisheries Society, Nashville, TN.
127. Gingerich, R. T., A. M. Anderson, and **J. T. Anderson**. 2009. Anuran and avian communities in mitigated and natural wetlands. 65<sup>th</sup> Annual Northeast Fish and Wildlife Conference, Lancaster, PA.
126. Gingerich, R. T., A. M. Anderson, and **J. T. Anderson**. 2009. Avian and anuran species composition in Corridor H mitigation wetlands. West Virginia Chapter of The Wildlife Society Spring 2009 Meeting, Morgantown, WV.
125. McChesney, H. M., **J. T. Anderson**, and C. A. Ranson. 2009. Response of vertebrate populations to the control of Morrow's honeysuckle (*Lonicera morrowii*) at Fort Necessity National Battlefield. 65<sup>th</sup> Annual Northeast Fish and Wildlife Conference, Lancaster, PA. (Poster)
124. McChesney, H. M., **J. T. Anderson**, and C. A. Ranson. 2009. Impact of invasive Morrow's honeysuckle removal on the nesting success of field sparrows in a western Pennsylvania shrubland. 2009 Joint Meeting of the Wilson Ornithological Society and the Association of Field Ornithologists, Pittsburgh, PA. (Poster)
123. Vance, J. A., **J. T. Anderson**, and N.B. Angus. 2009. Effects of a new bridge on Ohio River wildlife. 65<sup>th</sup> Annual Northeast Fish and Wildlife Conference, Lancaster, PA.
122. Vance, J. A., **J. T. Anderson**, and N.B. Angus. 2009. Effects of a new bridge on Ohio River wildlife. West Virginia Chapter of The Wildlife Society Spring 2009 Meeting, Morgantown, WV.

121. Veselka W., **J. T. Anderson**. 2009. West Virginia wetland indices of biotic integrity. West Virginia Chapter of The Wildlife Society Spring 2009 Meeting, Morgantown, WV.
120. Veselka W., and **J. T. Anderson**. 2009. Objectives and challenges in developing a West Virginia Wetland Rapid Assessment Procedure (WVWRAP). West Virginia Wetland Regulatory Group, Canaan Valley, WV.

### 2008

119. Anderson, A. M. and **J. T. Anderson**. 2008. The significant contribution of traditional self-trained naturalists: a thing of the past or the treasure of the future. West Virginia Chapter of The Wildlife Society Annual Meeting, Morgantown, WV.
118. Cooley, C, H. Klandorf, B. Dorr, and **J. T. Anderson**. 2008. Pentosidine concentration analysis as an aging tool for living birds. Berryman Institute, Mississippi State University, MS.
117. Cooley, C, **J. T. Anderson**, B. Dorr, and H. Klandorf. 2008. Comparison of pentosidine concentrations in the breast and patagium of birds. West Virginia Chapter of The Wildlife Society Annual Meeting, Morgantown, WV.
116. Cooley, C, **J. T. Anderson**, B. Dorr, and H. Klandorf. 2008. Comparison of pentosidine concentrations in the breast and patagium of birds. Annual Davis College of Agriculture, Forestry, and Consumer Sciences Graduate Student Paper/Poster Event, Morgantown, WV. (Poster)
115. Edwards, J. E., **J. T. Anderson**, and M. Jones. 2008. WMAN 100: The tradition of hunting. The 73<sup>rd</sup> North American Wildlife and Natural Resources Conference, Phoenix, AZ.
114. Flaherty, K. L. and **J. T. Anderson**. 2008. The influence of white-tailed deer herbivory on the seed dispersal of Vanbrunt's Jacob's Ladder. West Virginia Chapter of The Wildlife Society Annual Meeting, Morgantown, WV.
113. Flaherty, K. L. and **J. T. Anderson**. 2008. Seed loss of a rare wetland plant to white-tailed deer herbivory: implications for reproduction and dispersal. Thirty-first Annual Meeting Southeast Deer Study Group, Tunica, MS.

112. Hedrick, L.S., S. Welsh, and **J.T. Anderson**. 2008. Effects of highway construction on sediment and benthic macroinvertebrates in two tributaries of the Lost River, WV. Southern Division of the American Fisheries Society 2008 Spring Meeting, Wheeling, WV.
111. Rentch, J.S., and **J. T. Anderson**. 2008. Vegetation along hydrologic, edaphic, and geochemical gradients in Abe Run wetland. Eighty-third Annual West Virginia Academy Sciences Meeting, Fairmont, WV.
110. Strain, G., R. Raesly, R. Hilderbrand, and **J.T. Anderson**. 2008. A comparison of techniques to sample amphibian assemblages in highland streams of Maryland. Annual Davis College of Agriculture, Forestry, and Consumer Sciences Graduate Student Paper/Poster Event, Morgantown, WV. (Poster—First Place)
109. Vance, J, and **J. T. Anderson**. 2008. Evaluating the impacts of the Blennerhasset Island bridge crossing (Ohio River) on wildlife. 64<sup>th</sup> Annual Northeast Fish and Wildlife Conference, Galloway, NJ. (Poster)
108. Veselka, W.V., **J. T. Anderson**, and W.S. Kordek. 2008. Getting the most from wetland indices of biological integrity. Twenty-ninth Annual Meeting of the Society of Wetland Scientists, Washington, D.C.

## 2007

107. Flaherty, K. L. and **J. T. Anderson**. 2007. Comparing attitudes of residents and nonresidents toward white-tailed deer management in Canaan Valley, WV. Thirtieth Annual Meeting Southeast Deer Study Group, Ocean City, MD.
106. Hedrick, L.S., S. Welsh, **J.T. Anderson** and J. Hedrick. 2007. Evaluation of a new sediment sampling device. Southeastern Association of Fish and Wildlife Agencies Annual Meeting, Charleston, WV.
105. McChesney, H. M., **J. T. Anderson**, and C. A. Ranson. 2007. Response of vertebrate populations to the eradication of Morrow's honeysuckle (*Lonicera morrowii*) in an upland meadow at Fort Necessity National Battlefield, Farmington, Pennsylvania. Southeastern Association of Fish and Wildlife Agencies Annual Meeting, Charleston, WV (Poster).

104. Rentch, J. S., and **J. T. Anderson**. 2007. A floristic quality index (FQI) for West Virginia wetland and riparian plant communities. Eighty-second Annual West Virginia Academy of Sciences Meeting, Huntington, WV. (Poster)
103. Panter, N. A., and **J. T. Anderson**. 2007. Do clearcuts benefit neighboring avian communities? Eighty-second Annual West Virginia Academy of Sciences Meeting, Huntington, WV.
102. Veselka, W., **J. T. Anderson**, and W. M. Kordek. 2007. Comparing Cowardin and hydrogeomorphic classifications in a wetland bird index of biotic integrity in West Virginia. Twenty-eighth Annual Meeting of the Society of Wetland Scientists, Sacramento, CA.

### 2006

101. Anderson, A. M., and J. T. Anderson. 2006. The status of wetland education at universities in the United States. Twenty-seventh Annual Meeting of the Society of Wetland Scientists, Cairns, Australia. (Poster)
100. Flaherty, K., **J. T. Anderson**, and E. D. Michael. 2006. Adult survivorship and capture probability of the common snapping turtle. 62<sup>nd</sup> Annual Meeting of the Northeast Fish and Wildlife Conference, Burlington, VT.
99. Veselka, W., **J. T. Anderson**, and W. M. Kordek. 2006. Using landscape characteristics to explain bird and anuran species composition of wetlands in West Virginia. 62<sup>nd</sup> Annual Meeting of the Northeast Fish and Wildlife Conference, Burlington, VT.

### 2005

98. Bonner, J. L., **J. T. Anderson**, J. S. Rentch, and W. N. Grafton. 2005. The effects of beaver ponds on vegetative species richness and diversity in Canaan Valley, West Virginia. 61<sup>st</sup> Annual Meeting of the Northeast Fish and Wildlife Conference, Virginia Beach, VA.
97. Bonner, J. L., **J. T. Anderson**, J. S. Rentch, and W. N. Grafton. 2005. The effects of beaver ponds on vegetative communities in Canaan Valley, West Virginia. Annual Davis College of Agriculture, Forestry, and Consumer Sciences Graduate Student Paper/Poster Event, Morgantown, WV. (Poster)

96. Bonner, J. L., **J. T. Anderson**, J. S. Rentch, and W. N. Grafton. 2005. Vegetation associated with beaver ponds in Canaan Valley, West Virginia. 80<sup>th</sup> Annual West Virginia Academy Sciences Meeting, Morgantown, WV. (Poster – Second Place)
95. Edalgo, J A, J. P. Love, and **J. T. Anderson**. 2005. Habitat restoration of a Morrow's honeysuckle dominated area. Multi-Resource Management in West Virginia Conference, Flatwoods, WV. (Poster)
94. Edalgo, J. A., and **J. T. Anderson**. 2005. The spatio-temporal distribution of earthworms and implications for American woodcock at Fort Necessity National Battlefield, Pennsylvania. 61<sup>st</sup> Annual Meeting of the Northeast Fish and Wildlife Conference, Virginia Beach, VA.
93. Edalgo, J A, and **J. T. Anderson**. 2005. The spatio-temporal distribution of earthworms and implications for American woodcock at Fort Necessity National Battlefield, Pennsylvania. 80<sup>th</sup> Annual West Virginia Academy Sciences Meeting, Morgantown, WV.
92. Edalgo, J A, J. P. Love, and **J. T. Anderson**. 2005. The spatio-temporal distribution of earthworms and implications for American woodcock at Fort Necessity National Battlefield, Pennsylvania. Annual Davis College of Agriculture, Forestry, and Consumer Sciences Graduate Student Paper/Poster Event, Morgantown, WV.
91. Hedrick, L. B., **J. T. Anderson**, and S. A. Welsh. 2005. Monitoring anthropogenic sediment inputs in Appalachian streams. Multi-Resource Management in West Virginia Conference, Flatwoods, WV. (Poster)
90. Love, J. P., and **J. T. Anderson**. 2005. An ecological study of an invasive exotic: Morrow's honeysuckle. 61<sup>st</sup> Annual Meeting of the Northeast Fish and Wildlife Conference, Virginia Beach, VA.
89. Love, J. P., and **J. T. Anderson**. 2005. Abundance, diversity, and biomass of invertebrates found on and below the exotic Morrow's honeysuckle (*Lonicera morrowii*) and the native southern arrowwood (*Viburnum dentatum*). Annual Davis College of Agriculture, Forestry, and Consumer Sciences Graduate Student Paper/Poster Event, Morgantown, WV. (Poster—Second Place)
88. Osbourne, J. D., **J. T. Anderson**, and J. W. Edwards. 2005. Comparison of 2 deer population estimators at the Camp Dawson Collective Training Center in Preston

- County, West Virginia. 80<sup>th</sup> Annual West Virginia Academy Sciences Meeting, Morgantown, WV.
87. Rentch, J. S., and **J. T. Anderson**. 2005. Trembling aspen (*Populus tremuloides*) dynamics in Canaan Valley, West Virginia. 80<sup>th</sup> Annual West Virginia Academy Sciences Meeting, Morgantown, WV.
86. Tatu, K. S., **J. T. Anderson**, and L. J. Hindman. 2005. Impact of mute swan herbivory on submerged aquatic vegetation in Chesapeake Bay, MD. Twenty-sixth Annual Meeting of the Society of Wetland Scientists, Charleston, SC.
85. Tatu, K. S., **J. T. Anderson**, and L. J. Hindman. 2005. Patterns of exotic mute swans at Chesapeake Bay, Maryland. Multi-Resource Management in West Virginia Conference, Flatwoods, WV. (Poster)
84. Tatu, K. S., **J. T. Anderson**, and L. J. Hindman. 2005. Time activity budgets of mute swans at Chesapeake Bay, Maryland with emphasis on their feeding activity. 61<sup>st</sup> Annual Meeting of the Northeast Fish and Wildlife Conference, Virginia Beach, VA.
83. Tatu, K. S., **J. T. Anderson**, and L. J. Hindman. 2005. Development of a predictive model for submerged aquatic vegetation decline under the influence of mute swan herbivory in the Chesapeake Bay. 20<sup>th</sup> Trumpeter Swan Society Conference, Council Bluffs, IA.
82. Tatu, K. S., **J. T. Anderson**, and L. J. Hindman. 2005. Activity patterns of mute swans and their impact on submerged aquatic vegetation in Chesapeake Bay, Maryland. Annual Davis College of Agriculture, Forestry, and Consumer Sciences Graduate Student Paper/Poster Event, Morgantown, WV. (Poster)
81. Ward, R. L., **J. T. Anderson**, and J. T. Petty. 2005. Fragmentation of stream salamander habitat by roads in eastern West Virginia. Annual Davis College of Agriculture, Forestry, and Consumer Sciences Graduate Student Paper/Poster Event, Morgantown, WV.

#### **2004**

80. Anderson, A. M., and **J. T. Anderson**. 2004. Waterbird response to wetland management strategies. The 7<sup>th</sup> INTECOL International Wetlands Conference, Utrecht, Netherlands. (Poster)

79. Edalgo, J., J. Love, and **J. T. Anderson**. 2004. Habitat restoration of a Morrow's honeysuckle dominated area. Wildlife Habitat Council Annual Conference, Baltimore, MD.
78. Hedrick, L., **J. T. Anderson**, S. A. Welsh, and R. H. Fortney. 2004. Assessing influences of highway construction on Appalachian streams. 60<sup>th</sup> Annual Meeting of the Northeast Fish and Wildlife Conference, Ocean City, MD.
77. Hedrick, L., **J. T. Anderson**, S. A. Welsh, and R. H. Fortney. 2004. Monitoring anthropogenic sediment inputs in Appalachian streams. 60<sup>th</sup> Annual Meeting of the Northeast Fish and Wildlife Conference, Ocean City, MD. (Poster)
76. Helon, D. A., **J. T. Anderson**, J. W. Edwards, and C. P. Dwyer. 2004. Home range and movements of river otters (*Lontra canadensis*) in the Killbuck watershed, Northeastern, Ohio. The 9<sup>th</sup> International Otter Colloquium, Frostburg, MD.
75. Helon, D. A., **J. T. Anderson**, C. P. Dwyer, and J. W. Edwards. 2004. River otter home ranges in a northern Ohio watershed. Annual Meeting of the West Virginia Chapter of The Wildlife Society, Weston, WV.
74. Michalow, R., and **J. T. Anderson**. 2004. Impacts of fragmentation on the northern dusky salamander in western Pennsylvania. Annual Meeting of the West Virginia Chapter of The Wildlife Society, Weston, WV. (Poster)
73. Osbourne, J. D., **J. T. Anderson**, and J. W. Edwards. 2004. Comparison of distance sampling and infrared-triggered camera surveys for estimating white-tailed deer density. Annual Meeting of the West Virginia Chapter of The Wildlife Society, Weston, WV.
72. Osbourne, J. D., **J. T. Anderson**, M. Strager, R. H. Fortney, and S. Copen. 2004. A 3-level model for prioritizing wetland and stream mitigation sites. Twenty-fifth Annual Meeting of the Society of Wetland Scientists, Seattle, Washington.
71. Tatu, K. S., and **J. T. Anderson**. 2004. Impact of mute swan herbivory on submerged aquatic vegetation in Chesapeake Bay, Maryland. Annual Meeting of the West Virginia Chapter of The Wildlife Society, Weston, WV. (Poster)
70. Tatu, K. S., **J. T. Anderson**, and L. J. Hindman. 2004. Activity patterns of the mute swan at Chesapeake Bay, Maryland. 60<sup>th</sup> Annual Meeting of the Northeast Fish and Wildlife Conference, Ocean City, MD.



69. Ward, R. L., **J. T. Anderson**, R. H. Fortney, S. Kite, P. Kish, J. T. Petty, I. Poplar-Jeffers, and J. White. 2004. Factors in culvert placement and alignment that prevent breaks in the stream channel substrate. Annual Meeting of the West Virginia Chapter of The Wildlife Society, Weston, WV.
68. Ward, R. L., **J. T. Anderson**, R. H. Fortney, S. Kite, P. Kish, J. T. Petty, I. Poplar-Jeffers, and J. White. 2004. Factors in culvert placement and alignment that prevent breaks in the stream channel substrate. 60<sup>th</sup> Annual Meeting of the Northeast Fish and Wildlife Conference, Ocean City, MD.
67. Ward, R. L., **J. T. Anderson**, R. H. Fortney, S. Kite, P. Kish, J. T. Petty, I. Poplar-Jeffers, and J. White. 2004. Preventing breaks in the stream channel substrate to reduce impacts of road culverts on stream communities. West Virginia Academy of Sciences, 79<sup>th</sup> Annual Meeting, Athens, WV.
66. Weaver, H. W., **J. T. Anderson**, J. W. Edwards, T. Dotson, and C. W. Ryan. 2004. Effectiveness of physical and auditory conditioning on nuisance black bears in southern West Virginia. Annual Meeting of the West Virginia Chapter of The Wildlife Society, Weston, WV.
65. Weaver, H. W., **J. T. Anderson**, J. W. Edwards, T. Dotson, and C. W. Ryan. 2004. Condition response of nuisance black bears to physical and auditory conditioning techniques. 60<sup>th</sup> Annual Meeting of the Northeast Fish and Wildlife Conference, Ocean City, MD.
64. Weaver, H. W., **J. T. Anderson**, J. W. Edwards, T. Dotson, and C. W. Ryan. 2004. Biological and behavioral analysis of nuisance and non-nuisance black bears in southern West Virginia. West Virginia Academy of Sciences, 79<sup>th</sup> Annual Meeting, Athens, WV. (Poster)

### 2003

63. Balcombe, C. K., and **J. T., Anderson**. 2003. Vegetation and wildlife communities of constructed wetlands in West Virginia. Annual Davis College of Agriculture, Forestry, and Consumer Sciences Graduate Student Paper/Poster Event.
62. Fortney, R. H., **J. T. Anderson**, K. Hartman, and M. Strager. 2003. An integrated evaluation of environmental conditions and restoration needs in the Ohio River Basin. Twenty-fourth Annual Meeting of the Society of Wetland Scientists, New Orleans, LA.

61. Grantham, W. P., J. S. Rentch, **J. T. Anderson**, and R. H. Fortney. 2003. Evaluation of long-lived speckled alder (*Alnus incana*) communities as probable locations for rare plant species in Canaan Valley, West Virginia. West Virginia Academy of Sciences, 78<sup>th</sup> Annual Meeting, Buckhannon, WV.
60. Grantham, W. P., J. S. Rentch, **J. T. Anderson**, and R. H. Fortney. 2003. Ecological assessment of alder (*Alnus incana*) communities in Canaan Valley, West Virginia. Annual Davis College of Agriculture, Forestry, and Consumer Sciences Graduate Student Paper/Poster Event.
59. Helon, D. A., **J. T. Anderson**, and C. P. Dwyer. 2003. Investigation of home range, habitat use, and movements of river otters in the Killbuck Watershed, Ohio. West Virginia Academy of Sciences, 78<sup>th</sup> Annual Meeting, Buckhannon, WV.
58. Osbourne, J. D., and **J. T. Anderson**. 2003. Impact of coarse woody debris manipulation on small mammal communities in Central Appalachian hardwood forests. Fifty-ninth Annual Meeting of the Northeast Fish and Wildlife Conference, Newport, RI. (Poster)
57. Osbourne, J. D., and **J. T. Anderson**. 2003. Effect of edge on small mammal communities in riparian and upland habitats. Fifty-ninth Annual Meeting of the Northeast Fish and Wildlife Conference, Newport, RI. (Poster)
56. Osbourne, J. D., and **J. T. Anderson**. 2003. Principles of habitat management for woodcock. NRCS WHIP/CREP Workshop. Mt. Clare, WV.
55. Osbourne, J. D., and **J. T. Anderson**. 2003. Woodcock habitat management. NRCS WHIP/CREP Workshop. Lewisburg, WV.
54. Smith, J. M., S. A. Welsh, **J. T. Anderson**, and R. H. Fortney. 2003. An information-theoretic analysis of water quality trends in the Blackwater River, West Virginia. American Fisheries Society, Southern Division Meeting, Wilmington, NC.
53. Weaver, H. W., **J. T. Anderson**, J. W. Edwards, and T. Dotson. 2003. Physical and behavioral characteristics of nuisance and non-nuisance black bears in southern West Virginia. 57<sup>th</sup> Annual Conference Southeastern Association of Fish and Wildlife Agencies, Mobile, Alabama.
52. Zadnik A. K., **J. T. Anderson**, P. Bohall Wood, and K. Bledsoe. 2003. Wildlife use of back channels associated with islands of the Ohio River, West Virginia.

Annual Meeting of the West Virginia Chapter of The Wildlife Society, Morgantown, WV.

**2002**

51. Balcombe, C. K., **J. T. Anderson**, R. H. Fortney, and W. M. Kordek. 2002. A comparison of vegetation and wildlife communities in mitigated and natural wetlands in West Virginia. Fifty-eighth Annual Meeting of the Northeast Fish and Wildlife Conference, Portland, ME.
50. Balcombe, C. K., **J. T. Anderson**, R. H. Fortney, and W. S. Kordek. 2002. A functional assessment of wildlife and vegetation communities in mitigated and natural wetlands in West Virginia. West Virginia Chapter of The Wildlife Society 2002 Annual Spring Meeting, Stonewall Jackson Lake, WV. (Poster presentation)
49. Balcombe, C. K., **J. T. Anderson**, R. H. Fortney, and W. M. Kordek. 2002. An evaluation of mitigation wetland success in West Virginia. West Virginia Academy of Sciences, 77<sup>th</sup> Annual Meeting, Morgantown, WV.
48. Butler, L., V. A. Kondo, and **J. T. Anderson**. 2002. Moth occurrence and abundance on the Camp Dawson Collective Training Area, Kingwood, West Virginia. West Virginia Academy of Sciences, 77<sup>th</sup> Annual Meeting, Morgantown, WV.
47. Cherefko, C., C. Fridley, J. Medsger, M. Woody, and **J. T. Anderson**. 2002. Impacts of white-tailed deer and balsam wooly adelgid on balsam fir in Canaan Valley. Canaan Valley and Its Environs: a Heritage Landscape Celebration, Canaan Valley, WV.
46. Forcey, G. M., and **J. T. Anderson**. 2002. An evaluation of two new point count approaches for conducting avian surveys. Fifty-eighth Annual Meeting of the Northeast Fish and Wildlife Conference, Portland, ME.
45. Forcey, G. M., and **J. T. Anderson**. 2002. A comparison of two different double-observer approaches for conducting bird point counts. West Virginia Academy of Sciences, 77<sup>th</sup> Annual Meeting, Morgantown, WV.
44. Forcey, G. M., and **J. T. Anderson**. 2002. An assessment of avian rare species, habitat use and diversity on the Camp Dawson Collective Training Area, West Virginia. West Virginia Academy of Sciences, 77<sup>th</sup> Annual Meeting, Morgantown, WV.

43. Forcey, G. M., and **J. T. Anderson**. 2002. The efficacy of using two observers when conducting point counts for birds. West Virginia Chapter of The Wildlife Society 2002 Annual Spring Meeting, Stonewall Jackson Lake, WV.
42. Fortney, R., J. Rentch, **J. Anderson**, and C. Balcombe. 2002. Ten years of vegetation development in three mitigation wetlands constructed by the West Virginia Division of Highways. Society of Wetland Scientists 23<sup>rd</sup> Annual Conference, Lake Placid, NY.
41. Fortney, R. H., J. Rentch, **J. T. Anderson**, and W. Ravenscroft. 2002. A vegetation map series for the Canaan Valley watershed: 1945, 1975, and 2000. Canaan Valley and Its Environs: a Heritage Landscape Celebration, Canaan Valley, WV. (Poster)
40. Helon, D. A., and **J. T. Anderson**. 2002. Assessment of predator scent station placement in northern West Virginia. West Virginia Academy of Sciences, 77<sup>th</sup> Annual Meeting, Morgantown, WV.
39. Osbourne, J. D., and **J. T. Anderson**. 2002. Small mammal response to coarse woody debris in the Central Appalachians. Fifty-sixth Annual Conference, Southeastern Association of Fish and Wildlife Agencies, Baltimore Maryland. (2002 Best Conference Paper Wildlife Session-Nongame—Southeastern Section TWS).
38. Osbourne, J. D., and **J. T. Anderson**. 2002. Response of small mammal populations to coarse woody debris manipulations. West Virginia Academy of Sciences, 77<sup>th</sup> Annual Meeting, Morgantown, WV.
37. Osbourne, J. D., **J. T. Anderson**, D. A. Helon, M. A. Menzel, J. M. Menzel, J. B. Johnson, S. F. Owen, and J. W. Edwards. 2002. Mammals of the Camp Dawson Collective Training Area, Preston County, West Virginia. West Virginia Academy of Sciences, 77<sup>th</sup> Annual Meeting, Morgantown, WV.
36. Rentch, J. S., **J. T. Anderson**, R., H. Fortney, and W. N. Grafton. 2002. Plant communities of Abe's Run wetland, Canaan Valley State Park. Canaan Valley and Its Environs: a Heritage Landscape Celebration, Canaan Valley, WV.
35. Sacilotto, K. A., and **J. T. Anderson**. 2002. An analysis of habitat for cavity-nesting birds on islands of the Ohio River, West Virginia. Fifty-eighth Annual Meeting of the Northeast Fish and Wildlife Conference, Portland, ME.

34. Smith, J., S. A. Welsh, **J. T. Anderson**, and R. H. Fortney. 2002. Analysis of historic and current water quality data for the Blackwater River. Canaan Valley and Its Environs: a Heritage Landscape Celebration, Canaan Valley, WV.
33. Spurgeon, A. B., and **J. T. Anderson**. 2002. Assessment of herpetofaunal abundance and diversity on the Camp Dawson Collective Training Area, Kingwood, West Virginia. West Virginia Academy of Sciences, 77<sup>th</sup> Annual Meeting, Morgantown, WV.
32. Spurgeon, A. B., and **J. T. Anderson**. 2002. Assessment of herpetofaunal abundance and diversity on the Camp Dawson Collective Training Area, Kingwood, West Virginia. Annual Davis College of Agriculture, Forestry, and Consumer Sciences Graduate Student Paper/Poster Event.
31. Warren, K. A., and **J. T. Anderson**. 2002. Nesting birds in hawthorn-savannah habitats in Canaan Valley, Tucker County, West Virginia. Canaan Valley and Its Environs: a Heritage Landscape Celebration, Canaan Valley, WV. (Poster)
30. Warren, K. A., and **J. T. Anderson**. 2002. Vegetation of old-field habitats on the Canaan Valley National Wildlife Refuge. Canaan Valley and Its Environs: a Heritage Landscape Celebration, Canaan Valley, WV.
29. Welsh, S. A. and **J. T. Anderson**. 2002. Fish and benthic invertebrate occurrence on the Camp Dawson Collective Training Area, Kingwood, West Virginia. West Virginia Academy of Sciences, 77<sup>th</sup> Annual Meeting, Morgantown, WV.
28. Zadnik A. K., **J. T. Anderson**, P. Bohall Wood, W. S. Kordek, and K. Bledsoe. 2002. Waterbird use and habitat suitability on back channels associated with islands of the Ohio River, West Virginia. Fifty-eighth Annual Meeting of the Northeast Fish and Wildlife Conference, Portland, ME.
27. Zadnik A. K., **J. T. Anderson**, P. Bohall Wood, and K. Bledsoe. 2002. Are Ohio River islands worth protecting for wildlife? West Virginia Academy of Sciences, 77<sup>th</sup> Annual Meeting, Morgantown, WV.
26. Zadnik A. K., and **J. T. Anderson**. 2002. An evaluation of back channels associated with islands on the Ohio River, West Virginia. Annual Davis College of Agriculture, Forestry, and Consumer Sciences Graduate Student Paper/Poster Event.

25. Zadnik A. K., **J. T. Anderson**, P. Bohall Wood, and K. Bledsoe. 2002. Waterbird, anuran, and turtle use of back channels associated with islands of the Ohio River, West Virginia. Society of Wetland Scientists 23<sup>rd</sup> Annual Conference, Lake Placid, NY.
24. Zadnik, A. K., **J. T. Anderson**, P. Bohall Wood, and K. Bledsoe. 2002. Wildlife use of back channels associated with islands of the Ohio River. West Virginia Chapter of The Wildlife Society 2002 Annual Spring Meeting, Stonewall Jackson Lake, WV.

### 2001

23. Forcey, G. M., **J. T. Anderson**, and F. K. Ammer. 2001. A comparison of bird abundance within habitat types using two different point count methodologies. West Virginia Academy of Sciences, 76<sup>th</sup> Annual Meeting, West Liberty State College, WV.
22. Forcey, G. M., **J. T. Anderson**, and F. K. Ammer. 2001. A comparison of bird abundance within habitat types using two different point count methodologies. Fifty-seventh Annual Meeting of the Northeast Fish and Wildlife Conference, Saratoga Springs, New York.
21. Fortney, R. H., S. L. Stephenson, **J. T. Anderson**, W. N. Grafton, and H. S. Adams. 2001. Assessment of West Virginia highways as habitats for invasive species. West Virginia Academy of Sciences, 76<sup>th</sup> Annual Meeting, West Liberty State College, WV.
20. Grafton, W. N., **J. T. Anderson**, A. M. Anderson, J. Rentch, R. H. Fortney, J. Ferda, S. L. Stephenson, M. Schnittler, E. K. Grafton, H. S. Adams, R. B. Coxe, and D. A. Burns. 2001. Infestations of selected native and exotic plant species on West Virginia highway rights-of-way. West Virginia Academy of Sciences, 76<sup>th</sup> Annual Meeting, West Liberty State College, WV.
19. Helon, D. A., and **J. T. Anderson**. 2001. Evaluation of scent station placement to determine population trends for predators. West Virginia Academy of Sciences, 76<sup>th</sup> Annual Meeting, West Liberty State College, WV.
18. Helon, D. A., and **J. T. Anderson**. 2001. Evaluation of predator scent station placement. Fifty-seventh Annual Meeting of the Northeast Fish and Wildlife Conference, Saratoga Springs, New York.

17. Kahler, H. A., and **J. T. Anderson**. 2001. An assessment of nest-site resources for secondary cavity-nesters on the Monongahela National Forest. West Virginia Academy of Sciences, 76<sup>th</sup> Annual Meeting, West Liberty State College, WV.
16. Kahler, H. A., and **J. T. Anderson**. 2001. Cavity-tree abundance and characteristics among three Central Appalachian forest types. Fifty-seventh Annual Meeting of the Northeast Fish and Wildlife Conference, Saratoga Springs, New York.
15. Osbourne, J. D., and **J. T. Anderson**. 2001. Effects of coarse woody debris manipulations on small mammal communities. West Virginia Academy of Sciences, 76<sup>th</sup> Annual Meeting, West Liberty State College, WV.
14. Sacilotto, K. A., and **J. T. Anderson**. 2001. An assessment of habitat for cavity-nesting birds on islands of the Ohio River. The Wildlife Society 8<sup>th</sup> Annual Conference, Reno, NV.
13. Sacilotto, K. A., and **J. T. Anderson**. 2001. Islands of the Ohio River: Songbird Habitat Washing Down the River. West Virginia Chapter of The Wildlife Society 2001 Annual Fall Meeting, Morgantown, WV.
12. Sacilotto, K. A., and **J. T. Anderson**. 2001. Avian use and vegetative structure of islands on the Ohio River. West Virginia Academy of Sciences, 76<sup>th</sup> Annual Meeting, West Liberty State College, WV.
11. Warren, K. A., and **J. T. Anderson**. 2001. Habitat use and nest site selection of grassland birds in West Virginia. Fifty-seventh Annual Meeting of the Northeast Fish and Wildlife Conference, Saratoga Springs, New York.
10. Warren, K. A., and **J. T. Anderson**. 2001. Use of idle farmland by grassland nesting bird species in West Virginia. West Virginia Academy of Sciences, 76<sup>th</sup> Annual Meeting, West Liberty State College, WV.

### **2000**

9. Warren, K. A., and **J. T. Anderson**. 2000. Central Appalachian grassland bird diversity and abundance. The Wildlife Society 7<sup>th</sup> Annual Conference, Nashville, TN.
8. Warren, K. A., and **J. T. Anderson**. 2000. Grassland birds of Canaan Valley. Friends of the 500<sup>th</sup>, Canaan Valley, WV. (Invited)

7. Kahler, H. A., K. A. Sacilotto, and **J. T. Anderson**. 2000. Wildlife responses to cavity characteristics and abundance in the Central Appalachians. Fifty-sixth annual meeting of the Northeast Fish and Wildlife Conference. (Poster presentation)
6. Warren, K. A., and **J. T. Anderson**. 2000. Grassland bird abundance and nest success in Canaan Valley, West Virginia. Fifty-sixth annual meeting of the Northeast Fish and Wildlife Conference.

#### 1999

5. Warren, K. A., and **J. T. Anderson**. 1999. Grassland bird ecology in Canaan Valley, West Virginia. West Virginia Partners in Flight Fall Meeting.
4. Gray, M. J., **J. T. Anderson**, R. M. Kaminski, and L. M. Smith. 1999. Predicting waterfowl carrying capacity. Sixth Annual Conference of The Wildlife Society.
3. Conway, W. C., and **J. T. Anderson**. 1999. Spring habitat use by grassland songbirds. Thirty-fourth annual meeting of the Texas Chapter of the Wildlife Society, Nacogdoches, TX.

#### 1998

2. Haukos, D. A., and **J. T., Anderson**. 1998. Waterfowl use of National Wildlife Refuges and Management Units in the Upper Texas Coast Zone. U.S. Fish & Wildlife Service Flyway Meeting. Albuquerque, NM. (Invited)

#### 1994

1. Muehl, G. T., **J. T. Anderson**, and T. C. Tacha. 1994. Distribution and abundance of water birds and wetlands in coastal Texas. Twenty-ninth annual meeting of the Texas Chapter of The Wildlife Society, Nacogdoches, TX.

### **NONTECHNICAL PRESENTATIONS (INVITED)**

#### 2022

42. **Anderson, J. T.** 2022. Welcome Address. 13<sup>th</sup> International Conference on Environmental Science and Development. Virtual.



41. **Anderson, J. T.** 2022. The Kennedy Waterfowl and Wetland Center. DeBordieu Colony, Georgetown, SC.

**2021**

40. **Anderson, J. T.** 2021. Wetland amphibians of the Botanic Gardens. West Virginia Botanical Gardens, Morgantown, WV.
39. **Anderson, J. T.** 2021. Wetlands and amphibians of the West Virginia Botanic Gardens. West Virginia Botanical Gardens, Morgantown, WV.
38. Wetzel, H. D., and **J. T. Anderson.** 2021. Medicinal plants of the Botanic Gardens. West Virginia Botanical Gardens, Morgantown, WV.

**2020**

37. **Anderson, J. T.** 2020. Wild wonderful wildlife of West Virginia's wetlands: The science behind understanding wetland restoration. Beyond the Book, Marion County Public Library Webinar, Fairmont, WV.
36. **Anderson, J. T.** 2020. Stream restoration: A brief overview and a plan for the Friends of Deckers Creek Outdoors Learning Park. Morgantown High School Water Club. Webinar, Morgantown, WV.

**2019**

35. **Anderson, J. T.** 2019. Wetlands and amphibians of the Botanic Gardens. West Virginia Botanical Gardens, Morgantown, WV.

**2018**

34. **Anderson, J. T.** 2018. Wetlands and amphibians of the Botanic Gardens. West Virginia Botanical Gardens, Morgantown, WV.

**2017**

33. **Anderson, J. T.** 2017. Wetlands and amphibians of the Botanic Gardens. West Virginia Botanical Gardens, Morgantown, WV.
32. **Anderson, J. T.** 2017. Amphibian ecology. West Virginia Botanical Gardens, Morgantown, WV.

**2016**

31. **Anderson, J. T.** 2016. Wetlands and amphibians of the Botanic Gardens. West Virginia Botanical Gardens, Morgantown, WV.

**2015**

30. **Anderson, J. T.** 2015. Wetlands and amphibians of the Botanic Gardens. West Virginia Botanical Gardens, Morgantown, WV.

**2014**

29. **Anderson, J. T.** 2014. Wetlands and wetland-dependent wildlife. Izaak Walton League of America, Uniontown Chapter, Uniontown, PA.
28. **Anderson, J. T.** 2014. Wetlands and amphibians of the Botanic Gardens. West Virginia Botanical Gardens, Morgantown, WV.

**2012**

27. **Anderson, J. T.** 2012. West Virginia's Wild and Wonderful Wetlands. Morgantown North Rotary Club, Morgantown, WV.
26. **Anderson, J. T.,** and G. Strain. 2012. Wetlands and amphibians of the Botanic Gardens. West Virginia Botanical Gardens, Morgantown, WV.

**2011**

25. **Anderson, J. T.,** and G. Strain. 2011. Wetlands and amphibians of the Botanic Gardens. West Virginia Botanical Gardens, Morgantown, WV.

**2010**

24. **Anderson, J. T.**, and A. M. Anderson. 2010. Wetlands and amphibians of the Botanic Gardens. West Virginia Botanical Gardens, Morgantown, WV.

**2009**

23. **Anderson, J. T.**, and A. M. Anderson. 2009. Wetlands and amphibians of the Botanic Gardens. West Virginia Botanical Gardens, Morgantown, WV.
22. **Anderson, J. T.**, and A. M. Anderson. 2009. Development of a natural history museum at West Virginia University. West Virginia Forestry Association, Charleston, WV.

**2008**

21. **Anderson, J. T.**, and A. M. Anderson. 2008. Wetlands and amphibians of the Botanic Gardens. West Virginia Botanical Gardens, Morgantown, WV.

**2007**

20. **Anderson, J. T.**, and A. M. Anderson. 2007. Amphibians of the Botanic Gardens. West Virginia Botanical Gardens, Morgantown, WV.
19. Veselka, W., and **J. T. Anderson**. 2007. Components of a bird wetland index of biotic integrity. Mountaineer Chapter Audubon Society, Morgantown, WV.

**2006**

18. **Anderson, J. T.** 2006. Amphibian ecology. West Virginia Botanical Gardens, Morgantown, WV.
17. **Anderson, J. T.** 2006. Ecology of Cathedral State Park. Boy Scouts of America, Pack 84, Arthurdale, WV.

**2005**

16. **Anderson, J. T.** 2005. Amphibian and wetland ecology. West Virginia Botanical Gardens, Morgantown, WV.

**2004**

15. **Anderson, J. T.** 2005. Amphibian life history. West Virginia Botanical Gardens, Morgantown, WV.

**2003**

14. **Anderson, J. T.** 2003. Wetland and stream mitigation program feasibility study. West Fork River Watershed Association, Petersburg, WV.

13. **Anderson, J. T.** 2003. The green cancer: exotic species invasions. West Virginia Governor's International Summer Institute, Charleston, WV.

12. Helon, D. A., and **J. T. Anderson.** 2003. River otters on the marsh Shreve Migration Sensation, Shreve, OH.

**2002**

11. **Anderson, J. T.** 2002. Wetlands. West Virginia Garden Club, Davis, WV.

**2001**

10. **Anderson, J. T.** 2001. Wetland management for birds. Mountaineer Audubon Society, Morgantown, WV.

**1999**

9. **Anderson, J. T.** 1999. Wildlife biology techniques. University High School, Morgantown, WV.

**1998**

8. **Anderson, J. T.** 1998. Wildlife biology as a career. Hutchinson Junior High School, Lubbock, TX.

7. **Anderson, J. T.** 1998. So you want to be a wildlife biologist? Hutchinson Junior High School, Lubbock, TX.

**1997**

6. **Anderson, J. T.** 1997. Waterfowl identification clinic. Farmer-Stockman show, Lubbock, TX.

**1994**

5. **Anderson, J. T.**, and T. C. Tacha. 1994. Habitat management for wintering waterfowl in the Texas Mid-coast. Fifth Annual Robbins Slough Lodge Conservation Days, Collegeport, TX.

**1993**

4. **Anderson, J. T.**, and T. C. Tacha. 1993. Status and values of wetlands. Adopt a Wetland Workshop, South Padre Island, TX.
3. **Anderson, J. T.**, and T. C. Tacha. 1993. Wetland values and benefits. Aquatic Wild Workshop, Texas A&M University-Corpus Christi, Corpus Christi, TX.

**1992**

1. **Anderson, J. T.**, G. T. Muehl, and T. C. Tacha. 1992. Distribution and abundance of wetlands and water birds in South Texas. Fourth Annual Robbins Slough Lodge Conservation Days, Bay City, TX.

**1991**

1. **Anderson, J. T.** 1991. Wetland values and benefits. Kingsville Bird and Wildlife Club, Kingsville, TX.

**FUNDED PROPOSALS**

**2023**

184. **Anderson, J. T.**, and L. R. O'Halloran. 2023. Coastal South Carolina banana water lily research. Ingleside Plantation. \$8,000.
183. **Anderson, J. T.**, T. L. O'Halloran, M. Motallebi, A. E. Scaroni, and J. Whetstone. 2023. Integrating oysters into salt marsh mitigation banking. Edisto Shellfish and Southeast Mitigation. \$100,000.

182. **Anderson, J. T.**, M. Boucher, S. Whitmire, T. Rainwater, and J. A. Bowden. 2023. Integrating alligator tissues and environmental samples as novel matrices for monitoring PFAS and microplastic contamination in South Carolina wetlands. South Carolina Water Resources Center/USGS. \$69,822.
181. **Anderson, J. T.**, B. Ross, and H. Hagy. 2023. Southeast wintering grounds contributions to continental waterfowl populations: year 2. Nemours Wildlife Foundation. \$10,000.
180. **Anderson, J. T.**, B. Ross, and H. Hagy. 2023. Southeast wintering grounds contributions to continental waterfowl populations: year 2. Ducks Unlimited. \$15,000.
179. **Anderson, J. T.**, and M. Boucher. 2023. Ecotoxicology and ingested microplastics in the American alligator. American Wildlife Conservation Foundation. \$4,000.
178. **Anderson, J. T.** 2023. Relative abundance of natural cavities suitable for nesting wood ducks in South Carolina forest types. Nemours Wildlife Foundation. \$17,166.
177. **Anderson, J. T.** 2023. Wetland productivity for waterfowl and other waterbirds in Georgetown, SC. DeBordieu Colony. \$5,000.
176. **Anderson, J. T.**, and L. R. O'Halloran. 2023. Banana water lily ecology in Coastal South Carolina Wetlands. Ingleside Plantation. \$12,500.

**2022****(Yearly Total = \$326,598 Cumulative 1990-2022: \$29,076,723)**

175. **Anderson, J. T.**, and C. Von Haugg. 2022. VHF tags for wood duck use of natural cavities. Nemours Wildlife Foundation. \$43,080.
174. Arantes, C. C., B. A. Murry, **J. T. Anderson**, and W. E. Veselka. 2022. Climate change vulnerability for aquatic fauna in West Virginia watersheds. West Virginia University Faculty Senate \$15,000.
173. McCall, J. E., and **J. T. Anderson**. 2022. Wetland productivity for waterfowl and other waterbirds in Georgetown, SC. DeBordieu Colony. \$5,000.

172. Whitmire, S. L., K. Lazar, E. Carraway, M. P. Sullivan, **J. T. Anderson**, T. Rainwater, C. Jachowski, D. Sahoo, S. White, D. Ladner, A. Scaroni, E. McLamore, P. van den Hurk, and J. Tzeng. 2022. CU-MRI: Rapid measurement of microplastic particles across environmental systems with laser direct infrared imaging. Clemson University Division of Research. \$263,518

**2021**

**(Yearly Total = \$455,131 Cumulative 1990-2021: \$28,750,125)**

171. **Anderson, J. T.** 2021. Regional examination of wood duck recruitment from nest boxes in the Southeastern and Mid-Atlantic United States. Nemours Wildlife Foundation. \$81,333.
170. **Anderson, J. T.** 2021. Regional examination of wood duck recruitment from nest boxes in the Southeastern and Mid-Atlantic United States. Nemours Wildlife Foundation. \$90,372.
169. **Anderson, J. T.** 2021. Regional examination of wood duck recruitment from nest boxes in the Southeastern and Mid-Atlantic United States. South Carolina Department of Natural Resources. \$150,000.
168. **Anderson, J. T.**, B. Ross, and H. Hagy. 2021. Southeast wintering grounds contributions to continental waterfowl populations. Nemours Wildlife Foundation. \$10,000.
167. **Anderson, J. T.**, B. Ross, and H. Hagy. 2021. Southeast wintering grounds contributions to continental waterfowl populations. Ducks Unlimited. \$10,000.
166. **Anderson, J. T.**, B. Ross, and H. Hagy. 2021. Southeast wintering grounds contributions to continental waterfowl populations. U.S. Fish and Wildlife Service. \$50,000.
165. **Anderson, J. T.**, T. Rainwater, and S. Whitmire. 2021. Ecotoxicology of microplastics in South Carolina alligators. Clemson University, College of Agriculture, Forestry and Life Sciences Experiment Station. \$48,714.
164. Von Haugg, C., and **J. T. Anderson.** 2021. Wood duck use and success in natural cavities predicted using LiDAR and multispectral imagery. Nemours Wildlife Foundation. \$14,712.

**2020****(Yearly Total = \$706,808 Cumulative 1990-2020: \$28,294,994)**

163. **Anderson, J. T.** and W. E. Veselka. 2020. Stem area at groundline as an indicator of restoration trajectory in West Virginia wetland mitigation. Environmental Protection Agency. \$151,053.
162. Crandall, R. H., V. A. Slabe, T. Miller, **J. T. Anderson**, A. Duerr, M. Braham, and T. Katzner. 2020. Non-lead ammunition distribution programs to offset golden eagle mortalities in Wyoming. National Fish and Wildlife Foundation. \$255,775.23.
161. Hubbart, J. A., **J. T Anderson**, P. J. Kinder. 2020. Davis College Reedsville Restoration Research Plan. West Virginia Conservation Agency. \$300,000.

**2019****(Yearly Total = \$3,481,036 Cumulative 1990-2019: \$27,588,186)**

160. **Anderson, J. T.**, M. P. Strager, J. A. Hubbart, and E. Kellner. 2019. Development of wetland water quality standards for West Virginia. Environmental Protection Agency. \$329,770.
159. **Anderson, J. T.** 2019. Applied Wetlands Ecology and Management online course development. West Virginia University, Davis College Academic Affairs Office \$5,000.
158. **Anderson, J. T.** 2019. Building capacity in wetland contaminant research: heavy metals in snapping turtles and painted turtles of Upper Decker's Creek Watershed. West Virginia University, Davis College Faculty Development Fund \$5,000.
157. **Anderson, J. T.**, and H. D. Wetzel. 2019. Edible and Medicinal Plants of Appalachian Folk Medicine online course development. West Virginia University, Davis College Academic Affairs Office \$5,000.



156. King, F. L., ...**J. T. Anderson**, et al. 2019. R11 Track 1: Gravitational wave astronomy and the Appalachian Freshwater Initiative (Waves of the future: Capacity building for the Rising Tide of STEM in West Virginia (EPSCOR). WV-HEPC-Div Science and Research. US National Science Foundation \$1,963,427 (\$125,108 task).
155. Lin, L.S., **J. T. Anderson**, and S. Welsh. 2019. Stream monitoring study for Appalachian Corridor H, Elkins, West Virginia to Virginia State line. West Virginia Department of Transportation, Division of Highways. \$1,172,838.

### 2018

**(Yearly Total = \$2,723,321 Cumulative 1990-2018: \$24,107,150)**

154. **Anderson, J. T.**, M. P. Strager, J. A. Hubbart, and E. Kellner. 2018. Development of wetland water quality standards for West Virginia. Environmental Protection Agency. \$329,771.
153. **Anderson, J. T.** and Y. Halley. 2018. Developing non-invasive genetic and environmental DNA methods for monitoring salamander distribution. Christine Stevens Wildlife Awards, Animal Welfare Institute. \$15,000.
152. King, F. L., ...**J. T. Anderson**, et al. 2018. R11 Track 1: Gravitational wave astronomy and the Appalachian Freshwater Initiative (Waves of the future: Capacity building for the Rising Tide of STEM in West Virginia (EPSCOR). WV-HEPC-Div Science and Research. US National Science Foundation \$1,941,780.37 (\$115,632 task).
151. Slabe, V. A., and **J. T. Anderson**. 2018. Assessing lead exposure of bald eagles nationwide-2. American Eagle Foundation. \$7,000.
150. Smaldone, D. A., **J. T. Anderson**, M. M. Kruger, and N. K. Spilane. 2018. Inspiring environmental stewardship through citizen science. Environmental Protection Agency. \$100,000.

### 2017

**(Yearly Total = \$1,983,386; Cumulative 1990-2017: \$21,383,829)**

149. **Anderson, J. T.** 2017. West Virginia University Collaboration with the USDA Northeast Climate Hub. U.S. Forest Service \$5,000.
148. **Anderson, J. T.** 2017. Presentation of riparian wildlife response to stream restoration at the Association for the Sciences of Limnology and Oceanography Conference. \$900 WVU Faculty Senate.
147. **Anderson J. T.**, and A. B. Welsh. 2017. M.S. and Ph.D. students for bobcat population study. West Virginia Division of Natural Resources \$40,512.
146. King, F. L., ...**J. T. Anderson**, et al. 2017. R11 Track 1: Gravitational wave astronomy and the Appalachian Freshwater Initiative (Waves of the future: Capacity building for the Rising Tide of STEM in West Virginia (EPSCOR). WV-HEPC-Div Science and Research. US National Science Foundation \$1,918,984.31 (\$115,125 task).
145. Slabe, V. A., and **J. T. Anderson.** 2017. Assessing lead exposure of bald eagles nationwide. American Eagle Foundation. \$17,990.

### 2016

**(Yearly Total = \$3,465,862; Cumulative 1990-2016: \$19,400,443)**

144. **Anderson, J. T.** 2016. West Virginia University Collaboration with the USDA Northeast Climate Hub. U.S. Forest Service \$13,000.
143. **Anderson, J. T.**, and C. M. Lituma 2016. Planning for the future: ensuring clean water on working farms and landscapes subject to climate change and natural gas development perturbations. Northeast Regional Association of State Agricultural Experiment Station Directors. \$7,000.
142. **Anderson, J. T.**, D. J. Brown, and C. Rota. 2016. Evaluating wetland functions and ecosystem services in West Virginia Wetlands. Natural Resources Conservation Service. \$127,830.
141. **Anderson J. T.**, and A. B. Welsh. 2016. M.S. and Ph.D. students for bobcat population study. West Virginia Division of Natural Resources \$61,129.
140. King, F., M. McLaughlin, J. Carver, and **J. T. Anderson.** 2016. R11 Track 1: Gravitational wave astronomy and the Appalachian Freshwater Initiative (Waves

of the future: Capacity building for the Rising Tide of STEM in West Virginia (EPSCOR). WV-HEPC-Div Science and Research. US National Science Foundation \$1,919,285.

139. Lin, L.S., **J. T. Anderson**, S. Welsh, A. Jutla, and L. Hopkinson. 2016. Stream monitoring study for Appalachian Corridor H, Elkins, West Virginia to Virginia State line. West Virginia Department of Transportation, Division of Highways. \$1,153,283.

138. Ziemkiewicz, P. F., **J. T. Anderson**, J. T. Petty, N. P. Zegre, and R. B. Thomas. 2016. Environmental STEM Research Program: West Virginia University/Boy Scouts of America Bechtel Summit. U.S. Geological Survey and West Virginia University Research Corporation \$184,335.

### 2015

**(Yearly Total = \$2,294,709; Cumulative 1990-2015: \$15,934,581)**

137. **Anderson, J. T.** 2015. Quantification of habitat restoration projects on wintering American Black Duck (*Anas rubripes*) carrying capacity in western Pennsylvania and West Virginia. U.S Fish and Wildlife Service, Black Duck Joint Venture. \$104,299.85.

136. **Anderson, J. T.** 2015. Wintering American Black Duck (*Anas rubripes*) ecology in West Virginia. West Virginia Division of Natural Resources. \$50,000.

135. **Anderson, J. T.** 2015. West Virginia University Collaboration with the USDA Northeast Climate Hub. U.S. Forest Service \$15,000.

134. **Anderson J. T.**, and A. B. Welsh. 2015. M.S. and Ph.D. students for bobcat population study. West Virginia Division of Natural Resources \$83,862.

133. **Anderson, J. T.**, A. E. Duerr, T. A. Adams, and T. Katzner. 2015. Bald eagles conservation and management in Virginia. Va. Virginia Department of Game and Inland Fisheries. \$70,000.

132. **Anderson, J. T.** 2015. Investigation of American Crocodile acoustic ecology and conservation implications in Belize. Dr. David E. Samuel Faculty Excellence Awards, Davis College. \$3,000.

131. King, F., M. McLaughlin, J. Carver, and **J. T. Anderson**. 2015. R11 Track 1: Gravitational wave astronomy and the Appalachian Freshwater Initiative (Waves of the future: Capacity building for the Rising Tide of STEM in West Virginia (EPSCOR). WV-HEPC-Div Science and Research. US National Science Foundation \$1,943,548.
130. Miller, T., **J. T. Anderson**, D. Becker, S. Schmuecker, M. Lanzone, and T. Katzner. 2015. Understanding movement ecology of bald eagles in the upper Midwest to aid management of a recovering population. ALCOA, \$25,000.

**2014**

**(Yearly Total = \$356,337; Cumulative 1990-2014: \$13,639,872)**

129. **Anderson J. T.**, and A. B. Welsh. 2014. M.S. and Ph.D. students for bobcat population study. West Virginia Division of Natural Resources \$83,097.
128. **Anderson, J. T.** 2014. West Virginia University Collaboration with the USDA Northeast Climate Hub. U.S. Forest Service \$15,000.
127. **Anderson, J. T.**, G. Constantz, T. Rodd, and G. Good. 2014. West Virginia climate history project planning process. West Virginia Humanities Council \$1,500.
126. **Anderson, J.T.** 2014. Promoting stewardship of water resources: An Environmental Research Center Seminar series. Anderson Faculty Enrichment Fund \$4,275.
125. **Anderson, J. T.** 2014. Refining the West Virginia Wildlife Conservation Plan. West Virginia Division of Natural Resources. \$65,950.
124. **Anderson, J. T.**, and A. M. Anderson. 2014. Water Conservation Programming for West Virginia Families through RiverWorks Discovery: A Journey of Imagination and Exploration of America's Waterways. National Mississippi River Museum and Aquarium. \$23,728.
123. **Anderson, J. T.**, A. Duerr, T. Miller, and T. K. Katzner. 2014. Bald eagle conservation and management at Marine Corps Base Quantico. US Department of Defense, Office of Naval Research. \$102,066.

122. Kyonka, E. and **J. T. Anderson**. 2014. Behavioral flexibility and climate change. West Virginia University Senate Research and Scholarship. \$23,221.
121. Thompson, J., and **J. T. Anderson**. 2014. Hydropedology and wildlife ecology of vernal pool systems in the Central Appalachians. USDA-Natural Resources Conservation Service. \$37,500.

### **2013**

**(Yearly Total = \$582,434; Cumulative 1990-2013: \$13,283,535)**

120. **Anderson, J. T.** 2013. West Virginia wetlands program database development: year 3. West Virginia Division of Natural Resources. \$50,220.
119. **Anderson, J. T.** 2013. Creation and assessment of a wetland on the Pleasant Creek Wildlife Management Area. West Virginia Division of Natural Resources. \$46,220.50.
118. **Anderson, J. T.** 2013. Refining the West Virginia Wildlife Conservation Plan. West Virginia Division of Natural Resources. \$65,625
117. Katzner, T., A. Welsh, and **J.T. Anderson**. 2013. Distribution, differentiation and hybridization of king and clapper rails in Eastern, Va. Virginia Department of Game and Inland Fisheries. \$419,368

### **2012**

**(Yearly Total = \$1,369,932; Cumulative 1990-2012: \$12,701,101)**

116. **Anderson, J. T.** 2012. West Virginia wetlands program database development: year 2. West Virginia Division of Natural Resources. \$42,367.
115. **Anderson, J. T.** 2012. Development of a West Virginia Invasive Species Strategic Plan. West Virginia Division of Natural Resources. \$145,861.
114. **Anderson, J. T.**, and H. Klandorf. 2012. Refining a pentosidine aging technique to investigate effects of management on survival and fecundity of double-crested cormorants (*Phalacrocorax auritus*). National Wildlife Research Center. \$17,600.

113. Lin, L.S., **J. T. Anderson**, S. Welsh, J. Weidhaas, and L. Hopkinson. 2012. Stream monitoring study for Appalachian Corridor H, Elkins, West Virginia to Virginia State line. West Virginia Department of Transportation, Division of Highways. \$1,164,104.

**2011**

**(Yearly Total = \$696,328); Cumulative 1990-2011: \$11,331,169)**

112. **Anderson, J. T.**, W. Veselka, J. Skousen, and L. McDonald. 2011. The poultry-based biochar industry roadmap. Blue Moon Fund \$130,000.
111. **Anderson, J. T.**, H. Ghadimi, M. Strager, W. Veselka, J. T. Petty, and T. Katzner. 2011. Pilot test the ecological approaches to environmental protection developed in capacity research projects CO6A and CO6B. National Academy of Sciences \$360,628.
110. **Anderson, J. T.**, C. Cooley, H. Klandorf, and P. Turk. 2011. Refining a pentosidine aging technique to investigate effects of management on survival and fecundity of double-crested cormorants (*Phalacrocorax auritus*). National Wildlife Research Center \$22,930.
109. **Anderson, J. T.**, and S. Dey. 2011. Environmental education for the Deckers Creek Watershed. Friends of Deckers Creek \$10,000.
108. **Anderson, J. T.**, and S. Dey. 2011. Presenting free water conservation programming to West Virginia families. Dubuque County Historical Society. \$13,596
107. Boettner, F. Grushecky, S., J. Deng, K., Arano, M. Strager, and **J. T. Anderson**. 2011. Assessment of Appalachian natural assets: forests. 2011. Appalachian Regional Commission \$149,911 (\$70,076 WVU Share).
106. Petty, J. T., S. Dey, and **J. T. Anderson**. 2011. EnvironMentors. National Council for Science and the Environment \$9,263.

**2010**

**(Yearly Total = \$1,511,363); Cumulative 1990-2010: \$10,634,841)**

105. **Anderson, J. T.**, and Ann M. Anderson. 2010. Development of a West Virginia Natural History Museum. West Virginia Division of Natural Resources \$2,000.
104. **Anderson, J. T.**, and S. Dey. 2010. Environmental education for the Deckers Creek Watershed. Friends of Deckers Creek \$10,000.
103. **Anderson, J. T.**, C. Cooley, H. Klandorf, and P. Turk. 2010. Age structure determination for wild populations of double-crested cormorants: graduate student fellowship. Berryman Institute \$15,150.
102. **Anderson, J. T.**, C. Cooley, H. Klandorf, and P. Turk. 2010. Refining a pentosidine aging technique to investigate effects of management on survival and fecundity of double-crested cormorants (*Phalacrocorax auritus*). National Wildlife Research Center \$16,000.
101. **Anderson, J. T.**, and W. Veselka. 2010. Scaling up the West Virginia Wetland Rapid Assessment Procedure (WVWRAP) to Formulate a Statewide Wetland Monitoring Process. West Virginia Division of Natural Resources. \$328,159.
100. **Anderson, J. T.**, and W. Veselka. 2010. West Virginia wetlands program database development. West Virginia Division of Natural Resources. \$60,000.
99. **Anderson, J. T.**, and W. Veselka. 2010. Developing Level III Assessment Surveys for West Virginia wetlands. West Virginia Division of Natural Resources. \$115,000.
98. **Anderson, J. T.**, W. Veselka, S. A. Welsh, L. Lin, Y. Park, and P. Turk. 2010. Chesapeake Bay Headwaters: Cacapon River Restoration. Chesapeake Bay Trust. \$75,000.
97. **Anderson, J. T.**, K. Piatek, E. Pena-Yewtukhiw, and P. Turk. 2010. Influence of natural stream channel design on sediment in the Cacapon watershed. Canaan Valley Institute \$75,006.
96. Xinchao, W., L.S. Lin, **J. T. Anderson**, and S. Welsh. 2010. Stream monitoring study for Appalachian Corridor H, Elkins, West Virginia to Virginia State line. West Virginia Department of Transportation, Division of Highways. \$815,048.

**2009****(Yearly Total = \$1,985,550; Cumulative 1990-2009: \$9,123,478)**

95. **Anderson, J. T.**, J. T. Petty, G. Bissonnette, and J. J. Fletcher. 2009. Development of an Environmental Center of Excellence for the Mid-Atlantic Highlands. National Oceanic and Atmospheric Administration \$1,705,250.
94. **Anderson, J. T.**, and H. Klandorf. 2009. Age structure determination for wild populations of double-crested cormorants: graduate student fellowship. Berryman Institute \$15,150.
93. **Anderson, J. T.**, H. Klandorf, and P. Turk. 2009. Refining a pentosidine aging technique to investigate effects of management on survival and fecundity of double-crested cormorants (*Phalacrocorax auritus*). National Wildlife Research Center \$16,000.
92. **Anderson, J. T.**, and Ann M. Anderson. 2009. Development of a West Virginia Natural History Museum. West Virginia Division of Natural Resources \$1,000.
91. Deng, J. M. Strager, **J. T. Anderson**, J.T. Petty, T. Harris, A. Collins, N. Zegre, R. Jackson, S. Lamont, and F. Lafone. 2009. Appalachian assessment of natural assets: water. Appalachian Regional Commission \$248,150.

**2008****(Yearly Total = \$1,021,702)**

90. **Anderson, J. T.** 2008. Development of a rapid assessment technique for evaluating wetlands in West Virginia. West Virginia Division of Natural Resources. \$60,000.
89. **Anderson, J. T.** 2008. Control and evaluation of Morrow's honeysuckle to promote woodcock. National Park Service \$20,000.
88. **Anderson, J. T.** 2008. Controlling invasive Morrow's honeysuckle to improve woodcock habitat. Environmental Challenge Fund \$2,400.
87. **Anderson, J. T.**, W. N. Grafton, L. Lin, Y. Park, and J. J. Fletcher. 2008. Cacapon River Watershed Stream and Riparian Restoration Collaborative. National Fish and Wildlife Foundation \$650,000.
86. **Anderson, J. T.** 2008. Development of a West Virginia Natural History Museum. Anderson Faculty Enrichment Fund. \$4,552; West Virginia Division of Natural Resources \$1,000; David Samuel \$10,000; Miscellaneous \$3,600.



85. **Anderson, J. T.**, and H. Klandorf. 2008. Age structure of double-crested cormorants, black vultures, and monk parakeets: Graduate Student Fellowship. Berryman Institute. \$15,150.
84. Lin, L., and **J. T. Anderson**. 2008. Development of an assessment tool for water quality related mitigation related to roadway construction. West Virginia Department of Transportation, Division of Highways. \$255,000.

**2007**

**(Yearly Total = \$501,968)**

83. **Anderson, J. T.**, J. S. Rentch, and W. N. Grafton. 2007. Evaluating the impacts of the Blennerhasset Island bridge crossing (Ohio River) on wildlife. West Virginia Department of Transportation, Division of Highways. \$248,334.
82. **Anderson, J. T.** 2007. Improvement of the wildlife and fisheries study specimens to improve undergraduate education. Clyde W. Hibbs Environmental Education Fund. \$4,000; West Virginia Chapter of The Wildlife Society. \$1,000.
81. **Anderson, J. T.** 2007. West Virginia University Natural History Collection. Robert and Mary Lou Estler. ~400 taxidermied specimens. Estimated value \$128,740.
80. **Anderson, J. T.** 2007. Control and evaluation of Morrow's honeysuckle to promote woodcock. National Park Service \$20,000.
79. **Anderson, J. T.** 2007. Wildlife habitat restoration at Fort Necessity National Battlefield Community Foundation of Fayette County \$1,000.
78. **Anderson, J. T.** 2007. Presenting an oral research report at the International Union of Game and Wildlife Biologist's meeting in Uppsala, Sweden. Brown Faculty Development Fund. \$2,897.
77. Ziemkewicz, P., J.T. Petty, **J. T. Anderson**, and T. Vandivort. 2007. Quantifying the functional value of stream and wetland mitigation structures on reclaimed surface mines in West Virginia. Office of Surface Mining. \$99,997.

**2006**

**(Yearly Total = \$1,379,963)**

76. **Anderson, J. T.**, and K. L. Flaherty. 2006. White-tailed deer herbivory on wetland plants in Canaan Valley. Canaan Valley Institute. \$25,438.

75. **Anderson, J. T.**, J. S. Rentch, J. A. Thompson, and D. D. Gray. 2006. Evaluation and monitoring of mitigation wetlands associated with Corridor H. West Virginia Department of Transportation, Division of Highways. \$199,015.
74. **Anderson, J. T.** 2006. An assessment of mute swan impacts on submerged aquatic vegetation on the Chesapeake Bay, Maryland. Maryland Department of Natural Resources. \$5,000.
73. **Anderson, J. T.** 2007. Improvement of the wildlife and fisheries study specimens to improve undergraduate education. Mountaineer Chapter of the Audubon Society. \$500.
72. Hartman, K. J., and **J. T. Anderson.** 2006. Enhancement of riparian and in-stream habitats in the Appalachians. National Fish and Wildlife Foundation. \$51,000.
71. Viadero, R. R. L.S. Lin, **J. T. Anderson**, and S. Welsh. 2006. Stream monitoring study for Appalachian Corridor H, Elkins, West Virginia to Virginia State line. West Virginia Department of Transportation, Division of Highways. \$1,097,010.

**2005**

**(Yearly Total = \$217,332)**

70. **Anderson, J. T.** 2005. Development of a wetland index of biotic integrity for West Virginia. West Virginia Division of Natural Resources. \$100,000.
69. **Anderson, J. T.** 2005. Wetland delineation and wildlife surveys for Camp Dawson Army Training Site. West Virginia Army National Guard. \$76,633.
68. **Anderson, J. T.** 2005. Mon-Fayette Expressway, Philippi Bypass & Upshur Co Industrial Park Access Road -- wetland site selection design. West Virginia Department of Transportation, Division of Highways. \$26,061.
67. **Anderson, J. T.** 2005. Development of a Wetlands Ecology and Management Module for the National Web-based Learning Center. National Learning Center for Private Forest and Range Landowners. \$14,638.

**2004**

**(Yearly Total = \$1,284.831)**

66. **Anderson, J. T.** 2004. Environmental changes caused by beaver and deer in Canaan Valley, West Virginia. Regional Research Institute. \$12,500.
65. **Anderson, J. T.**, and R. H. Fortney. 2004. An assessment of mute swan impacts on submerged aquatic vegetation in the Chesapeake Bay, Maryland. Maryland Department of Natural Resources. \$37,150.
64. **Anderson, J. T.**, and J. S. Rentch. 2004. Development of a floristic quality assessment index (FQI) for wetland and riparian plant communities in West Virginia. Canaan Valley Institute. \$25,000.
63. Fortney, R. H., **J. T. Anderson**, J. T. Petty, M. Strager, and J. Kite. 2004. Assessment of stream rights-of-ways for stream mitigation opportunities. West Virginia Department of Transportation, Division of Highways. \$52,252.
62. Fortney, R. H., **J. T. Anderson**, J. T. Petty, M. Strager, and J. Kite. 2004. Wetland and stream mitigation program feasibility study for the West Virginia Division of Highways. West Virginia Department of Transportation, Division of Highways. \$32,960.
61. Fortney, R. H., D. Gray, J. T. Petty, **J. T. Anderson**, and S. Kite. 2004. Natural Stream Functions and Assessment Short Courses. West Virginia Association of Consulting Engineers. \$60,484.
60. Viadero, R. R. H. Fortney, J. Skousen, J. Sencindiver, **J. T. Anderson**, S. Welsh, and J. S. Kite 2004. Corridor H Stream Monitoring Study, supplement Agreement 4. West Virginia Department of Transportation, Division of Highways. \$1,064,485.

**2003**

**(Yearly Total = \$1,220.643)**

59. **Anderson, J. T.** 2003. Development and implementation of an American woodcock habitat management plan for Fort Necessity National Battlefield. National Park Service \$106,821.
58. **Anderson, J. T.**, J. S. Rentch, and R. H. Fortney. 2003. An ecological assessment of wetland habitats that support high plant species rarity and diversity in Canaan Valley, West Virginia. Canaan Valley Institute \$145,109.
57. **Anderson, J. T.**, J. S. Rentch, W. P. Grantham, and R. H. Fortney. 2003. Influence of nutrient availability, hydrology, and beaver on plant community distribution in

Canaan Valley, West Virginia. Canaan Valley Institute \$162,363.

56. **Anderson, J. T.** 2003. Determining home range, habitat use, and movements of river otters in Ohio. Furbearers Unlimited. \$5,000.
55. **Anderson, J. T.**, and J. W. Edwards. 2003. White-tailed deer population estimation and harvest plan for the Camp Dawson Collective Training Center. West Virginia Army National Guard. \$30,000.
54. **Anderson, J. T.**, and J. W. Edwards. 2003. Habitat use and movements by nuisance black bears in West Virginia. Wildlife Management Institute (Northeast Wildlife Damage Management Cooperative). \$19,885.
53. **Anderson, J. T.**, and J. W. Edwards. 2003. Development of a statistical template to analyze hunter harvest data on the Camp Dawson Army Training Site. West Virginia Army National Guard. \$6,000.
52. Edwards, J. W., and **J. T. Anderson.** 2003. Development of an undergraduate course entitled "The Tradition of Hunting." R. K. Mellon Family Foundation. \$34,000.
51. Fortney, R. H., **J. T. Anderson,** J. T. Petty, M. Strager, and J. Kite. 2003. Assessment of stream rights-of-ways for stream mitigation opportunities. West Virginia Department of Transportation, Division of Highways. \$220,921.
50. Fortney, R. H., D. Gray, J. T. Petty, **J. T. Anderson,** and S. Kite. 2003. Natural stream functions and assessment short course. West Virginia Association of Consulting Engineers. \$479,300.
49. McNeel, J. F., **J. T. Anderson,** and J. W. Edwards. 2003. Nuisance and non-nuisance black bear movements and habitat use in Southern West Virginia. West Virginia Division of Natural Resources. \$11,244.

**2002**

**(Yearly Total = \$681,100)**

48. **Anderson, J. T.** 2002. West Virginia University (Division of Forestry) program technical support for the Integrated Training Area Management Program, Camp Dawson Collective Training Area. West Virginia Army National Guard. \$48,408.
47. **Anderson, J. T.**, and R. H. Fortney. 2002. An assessment of mute swan impacts on

submerged aquatic vegetation in the Chesapeake Bay, Maryland. Maryland Department of Natural Resources. \$127,305.

46. **Anderson, J. T.**, and D. A. Helon. 2002. Determining home range, habitat use, and movement of river otters in Ohio. Ohio Department of Natural Resources. \$10,000.
45. **Anderson, J. T.**, and S. A. Welsh. 2002. Stream monitoring study for Corridor H. West Virginia Department of Transportation, Division of Highways. \$58,469.
44. Fortney, R. H., **J. T. Anderson**, J. T. Petty, M. Strager, and J. S. Kite. 2002. Wetland and stream mitigation program feasibility study for the West Virginia Division of Highways. West Virginia Division of Highways. \$166,514.
43. Fortney, R. H., D. Gray, J. T. Petty, **J. T. Anderson**, and S. Kite. 2002. Natural stream functions and assessment short course. West Virginia Association of Consulting Engineers. \$259,160.
42. McNeel, J. F., **J. T. Anderson**, and J. W. Edwards. 2002. Nuisance and non-nuisance black bear movements and habitat use in Southern West Virginia. West Virginia Division of Natural Resources. \$11,244.

### **2001**

**(Yearly Total = \$354,434)**

41. **Anderson, J. T.** 2001. Integrated wetland management for shorebirds and wintering waterfowl on Region 5 National Wildlife Refuges: Year 2. U.S. Fish and Wildlife Service, Regional Office, Refuges South. \$26,000.
40. **Anderson, J. T.** 2001. West Virginia University (Division of Forestry) program technical support for the Integrated Training Area Management Program, Camp Dawson Collective Training Area. West Virginia Army National Guard. \$44,414.
39. **Anderson, J. T.** 2001. Evaluating the importance of Appalachian forest habitats for cavity-nesting birds. West Virginia Agriculture and Forestry Experiment Station Supplemental Grants Program. \$6,350.
38. **Anderson, J. T.** 2001. Faculty travel grant award. West Virginia University Senate Research Committee. \$500.
37. **Anderson, J. T.**, and R. H. Fortney. 2001. Baseline ecological study of selected wetland habitats in West Virginia that support high plant species rarity and

- diversity. Canaan Valley Institute. \$124,673.
36. **Anderson, J. T.**, R. C. Whitmore, S. A. Welsh, and J. W. Edwards. 2001. Faunal surveys and wildlife management plan development for Camp Dawson Army Training Site. West Virginia Army National Guard. \$16,556.
35. **Anderson, J. T.**, and P. Bohall Wood. 2001. Evaluation of back-channel areas associated with islands of the Ohio River, West Virginia. West Virginia Division of Natural Resources. \$37,000.
34. Fortney, R. H., and **J. T. Anderson**. 2001. Functional assessment of selected mitigation wetlands in West Virginia permitted under Section 404 and Section 401 of the Clean Water Act. West Virginia Division of Natural Resources. \$36,506.
33. Jones, T. G., R. Viadero, R. Fortney, and **J. T. Anderson**. 2001. Identification and enumeration of macroinvertebrates of selected West Virginia streams. Potesta and Associates, Inc. \$15,000.
32. McNeel, J. F., **J. T. Anderson**, and J. W. Edwards. 2001. Nuisance and non-nuisance black bear movements and habitat use in Southern West Virginia. West Virginia Division of Natural Resources. \$5,700.
31. Welsh, S. A., **J. T. Anderson**, and R. H. Fortney. 2001. Analyses and synthesis of historic and current water quality data for the Blackwater River watershed. Canaan Valley Institute. \$29,223.
30. Viadero, R., R. Fortney, and **J. T. Anderson**. 2001. Evaluation of highway and other transportation rights-of-ways in West Virginia as habitats for invasive species. West Virginia Division of Highways. \$12,512.

**2000**

**(Yearly Total = \$322,646)**

29. **Anderson, J. T.**, R. C. Whitmore, S. A. Welsh, and J. W. Edwards. 2000. Faunal surveys and wildlife management plan development for Camp Dawson Army Training Site. West Virginia Army National Guard. \$103,125 (plus \$23,750 matching) \$126,875.
28. **Anderson, J. T.** 2000. Development of management recommendations for grassland habitats on the Canaan Valley National Wildlife Refuge. U.S. Fish and Wildlife Service. \$5,500.

27. **Anderson, J. T.** 2000. Integrated wetland management for shorebirds and wintering waterfowl on Region 5 National Wildlife Refuges. U.S. Fish and Wildlife Service. \$16,846.
  26. **Anderson, J. T.** 2000. Grassland bird ecology in Canaan Valley, West Virginia. West Virginia Department of Natural Resources. \$3,000.
  25. **Anderson, J. T.** 2000. Evaluating the importance of Appalachian forest habitats for cavity-nesting birds. West Virginia Agriculture and Forestry Experiment Station Supplemental Grants Program. \$7,293.
  24. **Anderson, J. T.** 2000. Anuran call count survey for Ohio River Islands National Wildlife Refuge. U.S. Fish and Wildlife Service. \$1,500.
  23. **Anderson, J. T.** 2000. Anurans and academics: Integrating undergraduate students into field-based ecology studies. Brown Faculty Development Fund. \$1,213.
  22. Jones, T. G., R. Viadero, R. Fortney, and **J. T. Anderson.** 2000. Identification and enumeration of macroinvertebrates of selected West Virginia streams. Potesta and Associates, Inc. \$10,000.
  21. Viadero, R. C., R. H. Fortney, and **J. T. Anderson.** 2000. Evaluations of highway and other transportation rights-of-way in West Virginia as habitats for invasive species. West Virginia Division of Highways. \$150,419.
- 1999**  
**(Yearly Total = \$108, 229)**
20. **Anderson, J. T.** 1999. Prothonotary warbler and wood duck nest success rates in artificial nest boxes and natural cavities on islands of the Ohio River. American Wildlife Research Foundation. \$2,000.
  19. **Anderson, J. T.** 1999. Anuran call count survey for Ohio River Islands National Wildlife Refuge. U.S. Fish and Wildlife Service. \$1,000.
  18. **Anderson, J. T.** 1999. Development of management recommendations for declining grassland bird species. Brown Faculty Development Fund. \$869.
  17. **Anderson, J. T.** 1999. Management of Appalachian forests for cavity-dwelling wildlife. USDA, McIntire-Stennis Program. \$100,500 (5 years).

16. **Anderson, J. T.** 1999. Management of Appalachian forests for cavity-dwelling wildlife. Christensen Designs \$500.
15. **Anderson, J. T.** 1999. Wetland delineation training. West Virginia University, Faculty Development Program. \$600.
14. **Anderson, J. T.** 1999. Development of management recommendations for grassland habitats on the Canaan Valley National Wildlife Refuge. U.S. Fish and Wildlife Service \$2,400.
13. **Anderson, J. T.** 1999. Publication costs for palustrine wetland vegetative dominance types along the central coast of Texas. Caesar Kleberg Wildlife Research Institute. \$360.

**1998**

**(Yearly Total = \$29, 280)**

12. **Anderson, J. T.** 1998. Publication costs for wetland use by masked ducks in Texas. Caesar Kleberg Wildlife Research Institute. \$500.
11. **Anderson, J. T.** 1998. Publication costs for nonbreeding waterbird populations in South Texas. Caesar Kleberg Wildlife Research Institute. \$580.
10. **Anderson, J. T.** 1998. Propagation techniques for red imported fire ant colonies. Texas State Line Item for Fire Ant Research. \$5,700.
9. **Anderson, J. T.** 1998. History and ecology of white-fronted geese Wintering in the High and Rolling Plains of West Texas. U.S. Fish and Wildlife Service, Region 2. NM. \$7,500.
8. **Haukos, D. A., and J. T. Anderson.** 1998. Use of the Upper Texas Coast by snow geese and other waterfowl. U.S. Fish and Wildlife Service, Region 2. \$15,000.

**1996**

**(Yearly Total = \$6,550)**

7. **Anderson, J. T., and T. C. Tacha.** 1996. Wetland use by waterbirds that winter in Coastal Texas. U.S. Fish and Wildlife Service, Region 2, Albuquerque, NM. \$6,000.
6. **Anderson, J. T.** 1996. Second annual excellence in wildlife research student grant. Texas Tech University, Department of Range, Wildlife, and Fisheries



Management. \$300.

5. **Anderson, J. T.** 1996. Student travel grant. Texas Tech University, Department of Range, Wildlife, and Fisheries Management. \$250.

**1995**  
**(Yearly Total = \$250)**

4. **Anderson, J. T.** 1995. First annual excellence in wildlife research student grant. Texas Tech University, Department of Range, Wildlife, and Fisheries Management. \$250.

**1994**  
**(Yearly Total = \$500)**

3. **Anderson, J. T.** 1994. First annual student travel grant. First Annual Conference of The Wildlife Society. The Wildlife Society. \$500.

**1991**  
**(Yearly Total = \$10,000)**

2. **Anderson, J. T.,** and L. E. Nauman. 1991. Water chemistry analysis for mitigated wetlands study. Consolidated Papers, Inc., \$10,000.

**1990**  
**(Yearly Total = \$500)**

1. **Anderson, J. T.,** and A. M. Holzem. 1990. Student travel grant. University of WI-Stevens Point Student Chapter of The Wildlife Society. \$500.

### **THESES AND DISSERTATIONS DIRECTED**

I am currently directing or co-directing 6 graduate students (3 Ph.D.; 3 M.S.) studying the following topics: 1) Alligators and microplastics\*; 2) Wetland restoration, 3) Waterbird use of historic rice fields, 4) Wetland water quality, 5) Wood duck nesting ecology; and 6) Waterbird habitat use and migration chronology.

\* = co-adviser, primary. \*\* = co-advisor, secondary

Completed Ph.D. Dissertations

- Millikin, Alice 2019. Population health of Spotted Salamanders (*Ambystoma maculatum*) in created vernal pools: an integrative approach.
- Slabe, Vince 2019. Lead exposure of North American raptors.\*
- Rounsville, Tom 2018. The bobcats of West Virginia: how many and where are they?\*\*\*
- Flaherty, Kelley 2014. The influence of white-tailed deer on plant communities in West Virginia and stakeholder attitudes towards deer management with respect to plant conservation.
- Strain, Gabe 2014. Functional equivalency of created and natural wetlands in the Central Appalachians: reproductive success, call phenology, and diet composition of amphibians.
- McChesney, Holly 2012. Effects of exotic Morrow's honeysuckle (*Lonicera morrowii*) on migratory songbirds.
- McCoard, Kathryn 2012. Riparian ecological community assessment with an emphasis on wood turtles (*Glyptemys insculpta*) in the Cacapon River Watershed, West Virginia.
- Michalow, Robert 2012. Habitat use by northern dusky salamanders in riparian corridors of southwestern Pennsylvania.
- Pitchford, Jonathan 2012. Stream restoration: project evaluation and site selection in the Cacapon River Watershed, West Virginia.
- Hedrick, Lara 2008. Impacts of road construction on Appalachian stream communities.\*\*
- Tatu, Ketan S. 2006. An assessment of impacts of mute swans on Submerged Aquatic Vegetation (SAV) in Chesapeake Bay, Maryland.

Completed M. S. Theses

- Bryzek, Jessica 2023. Wetland mitigation performance standards: the intersection of science, practice, and policy.
- Noe, Krista 2022. Small mammal communities of restored and natural wetlands in West Virginia
- Lozon, Darien 2021. Ecology of freshwater turtles and other wetland wildlife in a north-central West Virginia watershed.
- Wilson, Caitlin 2020. Perceived effects of bush burning on agricultural and wildlife resources in Ghana.
- Gulette, Alissa 2018. Habitat suitability of restored wetlands and an investigation of sampling bias for freshwater turtles in West Virginia.\*\*
- Yannuzzi, Sally 2018. Wintering American black duck ecology of Central Appalachia.
- Lewis, Katy 2018. Wetland characteristics and wintering Passerellidae occupancy on Agricultural Conservation Easement Program wetlands in West Virginia.\*\*
- Goodman, Nick 2018. Behavior of stiff-tailed diving ducks and West Indian Whistling Ducks in Laguna Cartagena National Wildlife Refuge, Puerto Rico.
- Drahota, Bethany 2018. Estimating bald eagle occupancy and density in the Chesapeake Bay Watershed.\*\*
- Landry, Stephanie 2017. Bobcat population ecology in West Virginia.
- Boucher, Miriam 2017. Bioacoustics and behavior of American Crocodiles in Belize.
- Petrauski, Lori A. 2017. Historical phenology of West Virginia: 130 years of spring avian migration and wildflower blooming.
- Stiffler, Lydia L. 2017. If a rail keks and no one is around, does it make a sound: investigating the use of autonomous recording units to monitor king and clapper rails.\*

- McPherson, Lauren 2015. Amphibian metamorphosis in created and natural wetlands.
- De La Cruz, Jesse 2012. Habitat selection of male eastern wild turkeys (*Meleagris gallopavo silvestris*) in West Virginia.
- Rose, Charnee L. 2011. Evaluating the effects of Morrow's honeysuckle control on vertebrate and vegetation assemblages, and small mammal foraging ecology at Fort Necessity National Battlefield
- Selego, Stephen 2011. Fish and aquatic macroinvertebrate communities in the Cacapon River, West Virginia
- Deacon, Sarah 2011. Edaphic and land use influences on Central Appalachian fens
- Gingerich, R. Tristan 2010. Plant litter decomposition in mitigated and reference wetlands.
- Vance, Joshua A. 2010. Evaluating the effects of the Blennerhassett Island Bridge Crossing (Ohio River) on soil, vegetation and wildlife.
- Rauch, Steven E. 2009. Home range characteristics of the male Eastern wild turkey in West Virginia.
- Veselka, Walter A. 2008. Development of volunteer-driven indices of biological integrity for wetland in West Virginia.
- Cooley, Crissa K. 2008. Development and evaluation of a minimally invasive sampling technique to estimate the age of living birds.\*\*
- Helon, David A. 2006. Summer home range, habitat use, movements, and activity patterns of river otters (*Lontra canadensis*) in the Killbuck Watershed, Northeastern Ohio.\*
- Love, Jason P. 2006. Effects of Morrow's honeysuckle control and the impact of the shrub on invertebrates at Fort Necessity

- National Battlefield.
- Bonner, J. LeAnne. 2005. The influence of beaver impoundments on vegetative composition, and modeling habitat suitability as a tool for wildlife management and conservation.
- Edalga, Jennifer A. 2005. Edalga, J. A. 2005. Implications for the small mammal and earthworm communities in a degraded ecosystem.
- Poplar-Jeffers, Ira. 2005. Culvert inventory and effects on fish assemblages in a Central Appalachian Watershed.\*\*
- Ward, Ryan. 2005. Effects of roads and culverts on stream and stream-side salamander communities in Eastern West Virginia. \*
- Weaver, H. Wayne 2004. Biometric analysis and aversive conditioning of black bears in southern West Virginia. \*
- Smith, Jessica M. 2004. Water quality trends in the Blackwater River Watershed Canaan Valley, West Virginia.\*\*
- Balcombe, Collins K. 2003. An evaluation of vegetation and wildlife communities in mitigation and natural wetlands of West Virginia.
- Zadnik, Andrew K. 2003. Wildlife use and habitat quality of back channel areas associated with islands on the Ohio River, West Virginia.
- Forcey, Greg M. 2002. An evaluation of double-observer point count techniques and avian habitat use on the Camp Dawson Collective Training Area, Preston County, West Virginia.
- Kahler, Harry A. 2002. Nest-site resources for cavity-nesting birds in the southern Allegheny Mountain forests of West Virginia.
- Osbourne, Joe D. 2002. Effects of edge and coarse woody debris on small mammal communities in riparian and upland habitats in northern West Virginia.

- Sacilotto, Karen A. 2002. An assessment of natural cavity abundance, nest box use, and management recommendations for birds on the Ohio River Islands National Wildlife Refuge, West Virginia.
- Spurgeon, Amy B. 2002. Comparison of herpetofaunal species composition and response to edge on the Camp Dawson Collective Training Area, Preston County, West Virginia.
- Warren, Kelly A. 2001. Habitat use, nest success, and management recommendations for grassland birds of the Canaan Valley National Wildlife Refuge, West Virginia.

## **MANUSCRIPT REFEREE**

### Journal, Products, and Book Chapter Reviews

Acta Oecologica

African Journal of Agricultural Research

African Journal of Biotechnology

African Journal of Environmental Science and Technology

American Journal of Climate Change

An Introduction to Ecological Restoration (Book Chapter)

Animals

Annual Research and Review in Biology

Aquatic Botany

Aquatic Conservation: Marine and Freshwater Ecosystems

Aquatic Ecology

Asian Herpetological Review

Asian Journal of Biology

Asian Journal of Environment & Ecology

Asian Journal of Geographical Research

Asian Journal of Research in Agriculture and Forestry

Asian Journal of Research in Zoology

Asian Research Journal of Arts & Social Sciences

Basic and Applied Ecology

Biodiversitas

Biology

Biogeochemistry

Bird Study

Bulletin of the Texas Ornithological Society

CABI Compendia

California Rapid Assessment Method (CRAM)  
Cambridge Scholars Publishing—Book Proposal  
Canadian Wildlife Biology & Management  
Caribbean Journal of Science  
Case Studies in the Environment  
Chelonian Conservation and Biology  
Chemosphere  
Cities and the Environment  
Conservation Biology  
Current Journal of Applied Science and Technology  
Diversity  
Ecological Applications  
Ecology and Evolution  
Ecological Engineering  
Ecological Indicators  
Ecological Modelling  
Elsevier—Book Proposal  
Emu-Austral Ornithology  
Environments  
Environment International  
Environmental Monitoring and Assessment  
Environmental Pollution  
Environmental Science and Pollution Research  
Forensic Science Today  
Forest Ecology and Management  
Forests  
Fourth International Workshop on Environment and Geoscience  
Game and Wildlife Science  
Global Change Biology  
Heliyon  
Herpetologica  
Herpetological Review  
Human-Wildlife Interactions  
Hydrobiologia  
Indian Journal of Geo-Marine Science  
Integrating Landscape Ecology into Natural Resource Management (Book Chapter)  
International Journal of Aquaculture and Fishery Sciences  
International Journal of Biodiversity  
International Journal of Biodiversity and Conservation  
International Journal of Ecology  
International Journal of Ecology and Ecosolution

International Journal of Tropical Biology and Conservation  
International Workshop on Environment and Geoscience  
Invasive Plant Science and Management  
Journal of Applied Ecology  
Journal of the Arkansas Academy of Science  
Journal of Caribbean Ornithology  
Journal of Development and Agricultural Economics  
Journal of Ecology and the Natural Environment  
Journal of Environmental Management  
Journal of Environmental Protection  
Journal of Fish and Wildlife Management  
Journal of Freshwater Ecology  
Journal of Geography, Environment and Earth Science International  
Journal of Global Ecology and Environment  
Journal of Herpetology  
Journal of Insect Conservation  
Journal of Mammalogy  
Journal of Ornithology  
Journal of the Southeastern Association of Fish and Wildlife Agencies  
Journal of Tropical Ecology  
Journal of Wildlife Management  
Land  
Natural Areas Journal  
Natural History of the Central Appalachians (Book Chapters)  
Northeastern Naturalist (Guest Editor)  
Pakistan Journal of Zoology  
PeerJ  
Philippine Journal of Science  
Plant Cell Biotechnology and Molecular Biology  
Plant Ecology  
Plants  
PLOS ONE  
Proceedings High Elevation Forest Conference  
Proceedings of the Southeastern Association of Fish and Wildlife Agencies  
Remote Sensing  
Revista de Biología Tropical (International Journal of Tropical Biology & Conservation)  
Ringing & Migration  
Science of the Total Environment  
Southeastern Naturalist  
Southwestern Naturalist  
Springer—Book Proposal



Spruce Conference—US Forest Service  
Texas Journal of Science  
Toxics  
Urban Forestry & Urban Greening  
U.S. Forest Service Northeast Region Research Report  
U.S. Geological Survey  
Water  
Waterbirds  
Waveland Press—Book Proposal  
Western North American Naturalist  
West Virginia University Press—Book Proposal  
Wetlands  
Wildlife Monographs  
Wildlife Society Bulletin  
Wilson Journal of Ornithology  
Wire's Water  
WVU Press

Pre-Journal Submission Reviews

U.S.G.S.—WVU Cooperative Fish and Wildlife Research Unit  
U.S. Fish and Wildlife Service (Region 5)  
California University of Pennsylvania  
West Virginia University  
Texas Tech University  
Kansas State University

**FUNDING PROPOSAL REFEREE**

Czech Science Foundation  
DOE National Institute for Climatic Change Research  
Gulf Coast Ecosystem Restoration Council  
Louisiana Board of Regents Industrial Ties Research Subprogram  
National Fish and Wildlife Foundation  
National Geographic Society  
National Science Foundation  
Oklahoma Water Resources Research Institute  
RESTORE: The Gulf Coast Restoration Council  
The Rice Foundation

**UNIVERSITY LEADERSHIP AND COMMITTEE ACTIVITIES**

- 2022-2023: **Chair—Tenure, Promotion, and Reappointment Committee.** Department of Forestry and Environmental Conservation, Clemson University.
- 2021-2022: **Chair—Faculty Awards Committee.** College of Agriculture, Forestry, and Life Sciences, Clemson University.
- 2021: **Chair—Forestry and Natural Resources Promotion & Tenure Committee.** Division of Forestry and Natural Resources, West Virginia University.
- 2018: **M.S. Oral Presentation Judge.** Annual Davis College of Agriculture, Natural Resources, and Design Graduate Student Research Day.
- 2017-2020: **Member—WVU Honors Advisory Council.** West Virginia University.
- 2017-current: **Member—MS in Energy Environments Curriculum Committee.** Davis College of Agriculture, Natural Resources, and Design, West Virginia University.
- 2017-2018: **Member—Forestry and Natural Resources Promotion & Tenure Committee.** Division of Forestry and Natural Resources, West Virginia University.
- 2016: **M.S. Oral Presentation Judge.** Annual Davis College of Agriculture, Natural Resources, and Design Graduate Student Research Day.
- 2016-current: **Member—WVU Institutional Animal Care and Use Committee.** West Virginia University.
- 2015: **Member—WVU Foundation Outstanding Teaching Award Committee.** West Virginia University.
- 2015: **Member—Water Resources Search Committee.** West Virginia University.
- 2014-2020: **Member—Ecampus Advisory Committee.** West Virginia University.

2014-2020: **Member—Davis College Graduate Council.** West Virginia University, Davis College of Agriculture, Natural Resources, and Design.

2013-2014: **Member—Students Rights and Responsibilities Committee.** West Virginia University Faculty Senate.

2012-2016: **Program Coordinator—Wildlife and Fisheries Resources Program.** West Virginia University.

2012-2016: **Member—Campus Sustainability Committee.** West Virginia University.

2012-2013: **Member—Research and Scholarship Committee.** West Virginia University Faculty Senate.

2012-2015: **Member—Research Office Faculty Advisory Committee.** West Virginia University.

2012-2019: **Chair—Scholarship Committee.** Division of Forestry and Natural Resources, West Virginia University.

2011-2012: **Member—WVU Vice President Research Search Committee.** West Virginia University.

2011-2015: **Advisor—WVU Student Chapter of Ducks Unlimited.** West Virginia University.

2010-2016: **Member—WVU 2020 Strategic Planning Council.** West Virginia University.

2010-2014: **Member—Executive Committee.** WVU Research Corporation. West Virginia University.

2009-2015: **Director—Environmental Research Center.** Davis College of Agriculture, Natural Resources and Design, West Virginia University.

2009-2015: **Board Member WVU Research Corporation.** West Virginia University.

2008-2014: **Senator.** Faculty Senate, West Virginia University.

- 2002-2016: **The Wildlife Society (Student Chapter) Co-Advisor.** Division of Forestry and Natural Resources, West Virginia University.
- 1999-Present: **Maurice Brooks Lectureship Committee Co-Chair.** Division of Forestry and natural Resources, West Virginia University.
- 2011: **Member— Grant Evaluation Team.** Program to Stimulate Competitive Research, West Virginia University.
- 2010-2011: **Chair—Forestry and Natural Resources Promotion & Tenure Committee.** Division of Forestry and Natural Resources, West Virginia University.
- 2010-2011: **Chair, Grants and Aid Committee.** Davis College of Agriculture, Natural Resources and Design, West Virginia University.
- 1999-2011: **Scholarship Committee Member.** Division of Forestry and Natural Resources, West Virginia University.
- 2010: **Member— WVU Research Corporation Ad Hoc Bylaws Committee.** West Virginia University.
- 2010: **Member—Research Assistant Professor—Wildlife Search Committee.** Division of Forestry and Natural Resources, West Virginia University.
- 2010: **Member—Assistant Professor—Conservation Genetics Search Committee.** Division of Forestry and Natural Resources, West Virginia University.
- 2009-2010: **Recruitment Committee Member.** Davis College of Agriculture, Forestry, and Consumer Sciences, West Virginia University.
- 2008-2010: **Curriculum Committee Member.** West Virginia University, Faculty Senate.
- 2007-2010: **Associate Director—Natural Resources Analysis Center.** Davis College of Agriculture, Natural Resources and Design, West Virginia University.
- 2007-2009: **Recruitment Committee Chair.** Davis College of Agriculture,

Forestry, and Consumer Sciences, West Virginia University.

2008: **Executive Committee Member.** Davis College of Agriculture, Forestry, and Consumer Sciences, West Virginia University.

2007-2008: **Faculty Fellow.** Lyon Tower, West Virginia University.

2007-2008: **Committee Member.** Wetland Education in Colleges and Universities, Society of Wetland Scientists.

2005-2008: **Student Aid and Grants Committee Member.** Davis College of Agriculture, Forestry, and Consumer Sciences, West Virginia University.

2006-2007: **Promotion and Tenure Committee.** Division of Forestry and Natural Resources, West Virginia University.

2006: **Futuring Committee Member.** Davis College of Agriculture, Forestry, and Consumer Sciences, West Virginia University.

2005: **Strategic Planning and Assessment Committee Member.** West Virginia University.

2005: **Ph.D. Presentation Judge.** Annual Davis College of Agriculture, Forestry, and Consumer Sciences Graduate Student Paper/Poster Event.

2004-2005: **Student Evaluation of Instruction Committee.** West Virginia University Faculty Senate.

2002-2004: **Allegheny Conservation Alliance (Student Chapter) Advisor.** West Virginia University

2000-2001: **Wildlife and Fisheries Society (Student Chapter) Co-Advisor.** Division of Forestry, West Virginia University.

2000-2001: **Search Committee Member: Assistant/Associate Faculty- RPTR.** Division of Forestry, West Virginia University.

2000: **Search Committee Member: Assistant Unit Leader-- Fisheries.** Division of Forestry, West Virginia University.

1996-1997: **Graduate Student Representative.** Department of Range, Wildlife,

and Fisheries Management, Texas Tech University, Lubbock, Texas.

1990-1991: **President**. The Student Chapter of The Wildlife Society, UW-Stevens Point, Stevens Point, Wisconsin.

1989-1990: **Crew Boss**. Fire Crew, UW-Stevens Point, Stevens Point, Wisconsin.

1988-1990: **Project Leader**. The Wildlife Society, UW-Stevens Point, Stevens Point, Wisconsin.

1988: **Student Advisory Board Member**. College of Natural Resources, UW-Stevens Point, Stevens Point, Wisconsin.

## **EXTERNAL LEADERSHIP AND COMMITTEE ACTIVITIES**

2023-2024: **Science Committee Member**. Ducks 9 Conference.

2023-2024: **Student Grants Subcommittee Chair**. Society Wetland Scientists.

2023: **Poster Judge**. Society Wetland Scientists, South Atlantic Chapter 2023 Meeting.

2022-: **Editorial Board**. Land.

2022-: **Committee Member**, Wetland Buffers Group, Coastal Conservation League, South Carolina.

2022: **Conference Chair and Session Chair**. 2022 13<sup>th</sup> International Conference on Environmental Science and Development. Beijing CAS Industrial Energy and Environment Technology Institute.

2021-2023: **Associate Editor**. Ecological Processes.

2020-2021: **Chair**. Outdoor Heritage Conservation Fund. Office of the Governor, West Virginia.

2019-2020: **Board of Directors**. Advisor for Biodiversity. Anubhuti Foundation. India.

2018-2020: **Chair, Conservation Committee**. Outdoor Heritage Conservation Fund. Office of the Governor, West Virginia.

- 2018-2021: **Steering Committee Member, Rivers and Gorges Cooperative Weed and Pest Management Area.** US Forest Service, West Virginia.
- 2018-Current: **Board of Directors.** Foundation for Ecological Welfare. India.
- 2018: **Committee Member.** Israel Faculty Fellowship Selection Committee. Media Watch International.
- 2017-2020: **Co-chair.** Northeast Section of The Wildlife Society Awards Committee.
- 2017: **Evaluator.** Student Research in Progress Poster Session, National Meeting, The Wildlife Society.
- 2017-2021: **Committee Member.** Agricultural Conservation Easement Program (ACEP), Wetland Reserve Easements (WRE) subcommittee to the WV State Technical Committee, Natural Resources Conservation Service (WV).
- 2015: **Editorial Board Member.** Scientific Reports, Nature Publishing Group.
- 2015-2018: **Coordinating Editor.** Restoration Ecology, Society for Ecological Restoration.
- 2014-2018: **Board Member.** Outdoor Heritage Conservation Fund. Office of the Governor, West Virginia.
- 2014: **Student Mentor.** Society of Wetland Scientists Annual Meeting.
- 2014-2015: **Past-Chair.** Wildlife Section, Society of Wetland Scientists.
- 2012-Present: **Principal Technical Advisor.** Jalaplavit (Indian Wetlands Journal).
- 2013- 2017: **Executive Board Member.** National Association of University Fish and Wildlife Programs (NAUFWP).
- 2013-2014: **Chair.** Wildlife Section, Society of Wetland Scientists.
- 2012-2014: **Editorial Board.** American Journal of Climate Change.

- 2012-2014: **Editorial Board**. International Journal of Biodiversity.
- 2012-2018: **Wetland Guru**. Jalaplavit (Indian Wetlands Journal).
- 2003-2013: **Student Paper Judge**. Society of Wetland Scientists Annual Meeting.
- 2011: **Member— Publications Committee**. The Wildlife Society, National Chapter.
- 2008-2010: **President**. Northeast Section of The Wildlife Society.
- 2007-2010: **Associate Editor**. *Wetlands* (Invertebrate Ecology and General Wetlands). The Society of Wetland Scientists.
- 2007-2008: **President-Elect**. Northeast Chapter of The Wildlife Society.
- 1999-2006: **Coordination and Implementation Committee Member**. Northeast Wildlife Damage Management Research and Outreach Cooperative.
- 2005: **Program Committee**. Multi-resource Conference, American Fisheries Society, Society of America Foresters, The Wildlife Society.
- 2003-2005: **Student Grant Funding Committee**. Society of Wetland Scientists.
- 2004-2005: **Scientific Advisory Committee**. Canaan Valley Institute.
- 2003-2004: **Publications Committee Chair**. National Chapter of The Wildlife Society.
- 2003-2004: **Vice-President**. West Virginia Chapter of The Wildlife Society.
- 2001-2004: **Committee Member**. Canaan Valley Symposium, Canaan Valley Institute.
- 2003: **Session Chair**. Adaptive Management, Society of Wetland Scientists, 24th Annual Meeting, New Orleans, LA.
- 2003: **Program Chair**. The West Virginia Chapter of The Wildlife Society 2003 Annual Spring Meeting, Morgantown, WV.



- 2002: **Program Chair**. The West Virginia Chapter of The Wildlife Society 2002 Annual Spring Meeting, Stonewall Jackson Lake, WV.
- 2002: **Meeting Co-Chair**. The West Virginia Academy of Sciences. 77<sup>th</sup> Annual Meeting, Morgantown, WV.
- 2001-2002: **Associate Editor**. *The Journal of Wildlife Management* (Wetlands and Waterfowl). National Chapter of The Wildlife Society.
- 2001-2002: **Publications Committee**. National Chapter of The Wildlife Society.
- 2001-2002: **Secretary/Treasurer**. West Virginia Chapter of The Wildlife Society.
- 2001: **Committee Member**. Integrated Natural Resources Management Plan Advisory Team (Camp Dawson).
- 2001: **Session Chair**. Monitoring and Wildlife Usage, Society of Wetland Scientists, 22<sup>nd</sup> Annual Meeting, Chicago, IL.
- 2001: **Session Chair**. Ecology II, West Virginia Academy of Sciences, 76<sup>th</sup> Annual Meeting, West Liberty State College, WV.
- 1997: **Subcommittee Member: Amphibian and Reptile Papers/Posters**. National Chapter of The Wildlife Society.
- 1996: **Committee Member: Student Presentation Judge**. National Chapter of the Society of Wetland Scientists.

## HONORS AND AWARDS

- Outstanding Faculty Award for Excellence in Research 2019, Division of Forestry and Natural Resources (WVU)
- Outstanding Faculty Award for Excellence in Research 2017, Davis College of Agriculture, Natural Resource and Design (WVU)
- Outstanding Faculty Award for Excellence in Research 2017, Division of Forestry and Natural Resources (WVU)
- Faculty Award for Distinction in Undergraduate Research Mentoring Finalist 2016, West Virginia University
- Outstanding Faculty Award for Excellence in Teaching 2016, Davis College of Agriculture, Natural Resource and Design (WVU)

- Outstanding Faculty Award for Excellence in Teaching 2016, Division of Forestry and Natural Resources (WVU)
- Distinguished Alumni Award, College of Agricultural Sciences and Natural Resources 2016. Texas Tech University.
- Outstanding Faculty Award for Excellence in Service 2015, Division of Forestry and Natural Resources (WVU)
- Davis-Michael Professor, Davis College of Agriculture, Natural Resource and Design, WVU 2012-2021
- Outstanding Faculty Award 2011, West Virginia University Forestry Alumni Association
- Outstanding Researcher 2011, Division of Forestry and Natural Resources (WVU)
- Cruiser Dedication, Division of Forestry and Natural Resources, WVU 2009
- Davis-Michael Mid-Career Award, Davis College of Agriculture, Forestry, and Consumer Sciences, WVU 2006-2010
- Certified Wildlife Biologist, The Wildlife Society 2003
- Outstanding Researcher 2003 Davis College of Agriculture, Forestry, and Consumer Sciences (WVU)
- Outstanding Researcher 2003 Division of Forestry (WVU)
- Hoyt Outstanding Professor 2002 Division of Forestry (WVU)
- Outstanding Researcher 2000 Division of Forestry (WVU)
- Alpha Gamma Rho Honorary Membership (WVU)
- Outstanding Teacher 1999 Division of Forestry (WVU)
- Gamma Sigma Delta Honorary Membership (WVU 2002)
- Outstanding Graduate Student Award, Texas Tech University
- Graduate Student Writing Award, Caesar Kleberg Wildlife Research Institute
- Outstanding Graduate Student Award, Texas A&M University-Kingsville
- Midwest Region TWS Quiz Bowl Champion
- Wisconsin Buck and Bear Club Scholarship
- Wisconsin Bowhunters Scholarship
- Boone and Crockett Wildlife Senior Award
- WI. Chapter TWS Student Award for Scholastic Achievement and Leadership
- U.S. Achievement Academy All American Scholar
- The National Deans List
- Chancellor's Leadership Award
- White-tails Unlimited Scholarship
- Wisconsin FFA Soil Judging Champion
- Erwin W. Johnson Memorial Scholarship

- FFA State Farmers Award
- FFA Fish & Wildlife Award

### **PROFESSIONAL SOCIETIES (Current and past)**

The Wildlife Society  
Society of Wetland Scientists (**Life Member**)  
Society for Conservation Biology  
Ecological Society of America  
The American Ornithologists' Union  
The Association of Field Ornithologists  
The Cooper Ornithological Society  
The Wilson Ornithological Society  
Waterbird Society (**Life Member**)  
Sigma Xi/The Scientific Research Society  
West Virginia Native Plant Society  
West Virginia Academy of Sciences (**Life Member**)

### **CONSULTING EXPERIENCE**

Wetland Delineation: Kanawha Stone  
Wetland Delineation: Morgantown Utility Board  
Wetland Delineation and Creation: Joe Mood Properties  
Wetland Delineation: U.S. Windforce  
Wetland Delineation: West Virginia Army National Guard  
Wetland Delineation and Aquatic Assessment: Preston Properties  
Invasive Species Portfolio Compilation: Union of Concerned Scientists  
Wildlife Remote Sensing/Disease Study: Institute for Scientific Research