

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

West Virginia University  
Wildlife and Fisheries Resources Program  
Division of Forestry and Natural Resources  
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**EDUCATION**

Ph.D., 1997, Texas Tech University  
Major: **Wildlife Science**  
Dissertation: **Invertebrate communities in vegetated playa wetlands.**

M.S., 1994, Texas A&M University-Kingsville  
Major: **Range and Wildlife Management**  
Minor: **Statistics**  
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 2009 – Present:  
**Professor of Wildlife Ecology and Management; Director Environmental Research Center; Director Natural History Museum; 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.

**PEER REVIEWED BOOKS AND MONOGRAPHS**

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.

Rentch, J. S., and **J. T. Anderson**. 2006. A wetland floristic quality index for West Virginia. West Virginia Agricultural and Forestry Experiment Station Bulletin 2967, Morgantown, WV. 65 pages.

**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.

**PEER REVIEWED JOURNAL PUBLICATIONS****In Press**

Veselka, W. V., **J. T. Anderson**, and W. S. Kordek. Using dual classifications in the development of avian wetlands indices of biological integrity for wetlands in West Virginia, USA. Environmental Monitoring and Assessment (*In Press*).

**2009**

Bonner, J. L., **J. T. Anderson**, J. S. Rentch, and W. N. Grafton. 2009. Vegetative composition and community structure associated with beaver ponds in Canaan Valley, West Virginia, USA. Wetlands Ecology and Management 17:543-554.

Chen, Y., R. C. Viadero, Jr., X. Wei, L. B. Hedrick, S. A. Welsh, **J. T. Anderson**, and L. Lin. 2009. Effects of highway construction on stream water quality and macroinvertebrate condition in a Mid-Atlantic highlands watershed, USA. Journal of Environmental Quality 38:1672-1682.

Edalgo, J. A., H. M. McChesney, J. P. Love, and **J. T. Anderson**. 2009. Microhabitat use by white-footed mice *Peromyscus leucopus* in forested and old-field habitats occupied by Morrow's honeysuckle *Lonicera morrowii*. Current Zoology 55:111-122.

- Hedrick, L. B., S. A. Welsh, and **J. T. Anderson**. 2009. Influences of high-flow events on a stream channel altered by construction of a highway bridge: a case study. *Northeastern Naturalist* 16:375-394.
- Love, J. P., and **J. T. Anderson**. 2009. Seasonal effects of four control methods on the invasive Morrow's honeysuckle (*Lonicera morrowii*) and initial responses of understory plants in a Southwestern Pennsylvania old field. *Restoration Ecology* 17:549-559.
- Poplar-Jeffers, I. O., J. T. Petty, **J. T. Anderson**, J. S. Kite, M. P. Strager, and R. H. Fortney. 2009. Culvert replacement and stream habitat restoration: implications from brook trout management in an Appalachian watershed, U.S.A. *Restoration Ecology* 17:404-413.
- Zadnik, A. K. **J. T. Anderson**, P. Bohall Wood, and K. Bledsoe. 2009. Wildlife use of back channels associated with islands on the Ohio River. *Wetlands* 29:543-551.
- Zadnik, A. K. **J. T. Anderson**, P. Bohall Wood, and K. Bledsoe. 2009. Importance of island back channels to wildlife on the Ohio River. *SWS Research Brief* 2009-0009:1-4.

### 2008

- Flaherty, K. L., **J. T. Anderson**, and E. D. Michael. 2008. Adult survivorship and capture probability of the common snapping turtle (*Chelydra serpentina*). *Journal of Herpetology* 42:202-205.
- Rentch, J.S., **J. T. Anderson**, S. Lamont, J. Sencindiver, and R. Eli. 2008. Vegetation along hydrologic, edaphic, and geochemical gradients in a high-elevation poor fen in Canaan Valley, West Virginia. *Wetlands Ecology and Management* 16:237-253.
- Ward, R. L. **J. T. Anderson**, and J. T. Petty. 2008. Effects of road crossings on stream and streamside salamanders. *Journal of Wildlife Management* 72:760-771.

### 2007

- Edalgo, J. A., and **J. T. Anderson**. 2007. Effects of prebaiting on small mammal trapping success in a Morrow's honeysuckle-dominated area. *Journal of Wildlife Management* 71:246-250.

Hedrick, L. B., S. A. Welsh, and **J. T. Anderson**. 2007. Effects of highway construction on sediment and benthic macroinvertebrates in two tributaries of the Lost River, West Virginia. *Journal Freshwater Ecology* 22:561-569.

Tatu, K. S., **J. T. Anderson**, L. J. Hindman, and G. Seidel. 2007. Diurnal foraging activities of mute swans in Chesapeake Bay, Maryland. *Waterbirds* 30:121-128.

Tatu, K. S., **J. T. Anderson**, L. J. Hindman, and G. Seidel. 2007. Mute swans' impact on submerged aquatic vegetation in Chesapeake Bay. *Journal of Wildlife Management* 71:1431-1439.

### 2006

**Anderson, J. T.** 2006. Evaluating competing models for predicting seed mass of Walter's millet. *Wildlife Society Bulletin* 34:156-158.

Drohan, P. J., C. N. Ross, **J. T. Anderson**, R. H. Fortney, and J. S. Rentch. 2006. Soil and hydrologic drivers of *Typha latifolia* encroachment in a marl wetland. *Wetlands Ecology and Management* 14:107-122.

Forcey, G. M., **J. T. Anderson**, F. K. Ammer, and R. C. Whitmore. 2006. Comparison of two double-observer point-count approaches for estimating breeding bird abundance. *Journal of Wildlife Management* 70:1674-1681.

Kahler, H. A., and **J. T. Anderson**. 2006. Tree cavity resources for dependent cavity-using wildlife in the southern Allegheny Mountains. *Northern Journal of Applied Forestry* 23:114-121.

### 2005

Balcombe, C. K., **J. T. Anderson**, R. H. Fortney, J. S. Rentch, W. N. Grafton, and W. S. Kordek. 2005. A comparison of wetland plant communities in mitigation and reference wetlands in the Mid-Appalachians. *Wetlands* 25:130-142.

Balcombe, C. K., **J. T. Anderson**, R. H. Fortney, and W. S. Kordek. 2005. Aquatic macroinvertebrate assemblages in mitigated and natural wetlands. *Hydrobiologia* 541:175-188.

Balcombe, C. K., **J. T. Anderson**, R. H. Fortney, and W. S. Kordek. 2005. Wildlife use of mitigation and reference wetlands in West Virginia. *Ecological Engineering* 25:85-99.

Balcombe, C. K., **J. T. Anderson**, R. H. Fortney, and W. S. Kordek. 2005. Vegetation, invertebrate, and wildlife community rankings and habitat analysis of mitigation wetlands in West Virginia. *Wetlands Ecology and Management* 13:517-530.

Osbourne, J. D., **J. T. Anderson**, and A. B. Spurgeon. 2005. Effect of habitat on small-mammal diversity and abundance in West Virginia. *Wildlife Society Bulletin* 33:814-822.

Rentch, J. S., R. H. Fortney, S. L. Stephenson, H. S. Adams, W. N. Grafton, and **J. T. Anderson**. 2005. Vegetation-site relationships of roadside plant communities in West Virginia, U.S.A. *Journal of Applied Ecology* 42:129-138.

Sacilotto, K. A., and **J. T. Anderson**. 2005. Avian nest box use on islands in the Ohio River. *Northeastern Naturalist* 12:403-410.

Warren, K. A., and **J. T. Anderson**. 2005. Grassland songbird nest-site selection and response to mowing in West Virginia. *Wildlife Society Bulletin* 33:285-292.

#### 2004

**Anderson, J. T.**, and L. M. Smith. 2004. Persistence and colonization strategies of playa wetland invertebrates. *Hydrobiologia* 513:77-86.

Weaver, H. W., **J. T. Anderson**, J. W. Edwards, T. L. Dotson. 2004. Nuisance black bear response to physical and auditory conditioning techniques in southern West Virginia. *Northeast Wildlife* 58:23-33.

#### 2003

**Anderson, J. T.**, and D. A. Haukos. 2003. Breeding ground affiliation and movements of greater white-fronted geese staging in northwestern Texas. *Southwestern Naturalist* 48:365-372.

#### 2002

**Anderson, J. T.**, and L. M. Smith. 2002. The effect of flooding regimes on decomposition of *Polygonum pensylvanicum* in playa wetlands (Southern Great Plains, USA). *Aquatic Botany* 74:97-108.

**Anderson, J. T.**, and T. C Tacha. 2002. Habitat use by nonbreeding wood ducks in the Coastal Plain and Rice Prairie Region of Texas. *Southwestern Naturalist* 47:486-489.

**Anderson, J. T.**, H. G. Thorvilson, and S. A. Russell. 2002. Landscape materials as repellents of red imported fire ants. *Southwestern Entomologist* 27:155-163.

Helon, D. A., **J. T. Anderson**, and J. D. Osbourne. 2002. Comparison of interior versus roadside scent stations. *Game and Wildlife Science* 19:303-312.

### 2000

**Anderson, J. T.**, L. M. Smith, and D. A. Haukos. 2000. Food selection and feather molt by non-breeding American green-winged teal in Texas playas. *Journal of Wildlife Management* 64:222-230.

**Anderson, J. T.**, T. C. Tacha, and G. T. Muehl. 2000. Use of wetland and deepwater habitat by wintering sandhill cranes in coastal Texas. *Southwestern Naturalist* 45:76-79.

**Anderson, J. T.**, G. T. Muehl, T. C. Tacha, and D. S. Lobpries. 2000. Wetland use by nonbreeding ducks in coastal Texas, USA. *Wildfowl* 51:191-214.

**Anderson, J. T.**, and L. M. Smith. 2000. Invertebrate response to moist-soil management of playa wetlands. *Ecological Applications* 10:550-558.

**Anderson, J. T.**, and W. C. Conway. 2000. The flight song display of the Cassin's Sparrow (*Aimophila cassinni*): Form and possible function. *Bulletin of Texas Ornithological Society* 33:1-5.

Ba, A. S., S. A. Phillips, Jr., and **J. T. Anderson**. 2000. Yeasts in mound soil of the red imported fire ant (Hymenoptera: Formicidae). *Mycological Research* 104:969-973.

Phillips, S. A., **Anderson, J. T.**, G. Sanchez-Ramos, and M. Lara-Villalon. 2000. An international course in tropical entomology: the El Cielo experience. *American Entomologist* 46:75-76.

### 1999

Anderson, A. M., D. A. Haukos, and **J. T. Anderson**. 1999. Diet composition of three anurans from the playa wetlands of northwest Texas. *Copeia* 1999:515-520.

Anderson, A. M., D. A. Haukos, and **J. T. Anderson**. 1999. Habitat use by anurans emerging and breeding in playa wetlands. *Wildlife Society Bulletin* 27:759-769.

**Anderson, J. T.**, G. T. Muehl, and T. C. Tacha. 1999. Wetland use by wintering geese in the Gulf Coast Plains and Rice Prairie Region of Texas. *Wildfowl* 50:47-58.

**Anderson, J. T.**, and L. M. Smith. 1999. Carrying capacity and diel habitat use of managed playa wetlands by non-breeding waterbirds. *Wildlife Society Bulletin* 27:281-291.

**Anderson, J. T.**, and T. C. Tacha. 1999. Habitat use by masked ducks along the Gulf Coast of Texas. *Wilson Bulletin* 111:119-121.

### **1998**

**Anderson, J. T.**, G. T. Muehl, and T. C. Tacha. 1998. Distribution and abundance of waterbirds in coastal Texas. *Bird Populations* 4:1-15.

**Anderson, J. T.**, and L. M. Smith. 1998. Protein and energy production in playas: Implications for migratory bird management. *Wetlands* 18:437-446.

**Anderson, J. T.**, and T. C. Tacha. 1998. Palustrine wetland vegetative dominance types along the central coast of Texas. *Texas Journal of Agriculture and Natural Resources* 11:1-12.

### **1997**

**Anderson, J. T.** 1997. Aquatic invertebrate abundance in substrates of the Frio River, Mexico. *Biotam* 9:41-46.

### **1996**

**Anderson, J. T.**, and A. M. Anderson. 1996. Unusual behavior of wintering Louisiana Clapper Rails. *Bulletin of Texas Ornithological Society* 29:47-49.

**Anderson, J. T.**, and L. M. Smith. 1996. A comparison of methods for sampling epiphytic and nektonic aquatic invertebrates in playa wetlands. *Journal of Freshwater Ecology* 11:219-224.

### **1994**

Muehl, G. T., T. C. Tacha, and **J. T. Anderson**. 1994. Distribution and abundance of wetlands in coastal Texas. *Texas Journal of Agriculture and Natural Resources* 7:85-106.

**1993**

Blankenship, T. L., and **J. T. Anderson**. 1993. A large concentration of Masked Ducks (*Oxyura dominica*) on the Welder Wildlife Refuge, San Patricio County, Texas. *Bulletin of Texas Ornithological Society* 26:19-21.

**1992**

**Anderson, J. T.**, and A. M. Holzem. 1992. First record of a Ringtail (*Bassariscus astutus*) from Refugio Co., Texas. *Texas Journal of Science* 44:258.

**PEER REVIEWED PROCEEDINGS AND TECHNICAL BULLETINS****2009**

**Anderson, J. T.**, and K. A. Warren. 2009. Nesting birds in hawthorne-savannah habitats in Canaan Valley, Tucker County, West Virginia. *In Canaan Valley and its Environs: A Landscape Heritage Celebration*. Canaan Valley Institute, Davis, West Virginia.

[http://www.canaanvi.org/canaanvi\\_web/uploadedFiles/Events/Past\\_Events/Anderson%20Warren%20Hawthorn%20Poster%20Paper.pdf](http://www.canaanvi.org/canaanvi_web/uploadedFiles/Events/Past_Events/Anderson%20Warren%20Hawthorn%20Poster%20Paper.pdf)

Cherefko, C., C. Fridley, J. Medsger, M. Woody, and **J. T. Anderson**. 2009. Impacts of white-tailed deer and balsam wooly adelgid on balsam fir in Canaan Valley. *In Canaan Valley and its Environs: A Landscape Heritage Celebration*. Canaan Valley Institute, Davis, West Virginia.

[http://www.canaanvi.org/canaanvi\\_web/uploadedFiles/Events/Past\\_Events/1\\_cherefko\\_paper.pdf](http://www.canaanvi.org/canaanvi_web/uploadedFiles/Events/Past_Events/1_cherefko_paper.pdf)

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.

[http://www.canaanvi.org/canaanvi\\_web/uploadedFiles/Events/Past\\_Events/4\\_rentch\\_paper.pdf](http://www.canaanvi.org/canaanvi_web/uploadedFiles/Events/Past_Events/4_rentch_paper.pdf)

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. [http://www.canaanvi.org/canaanvi\\_web/uploadedFiles/Events/Past\\_Events/Smith%20Paper.pdf](http://www.canaanvi.org/canaanvi_web/uploadedFiles/Events/Past_Events/Smith%20Paper.pdf)

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.

[http://www.canaanvi.org/canaanvi\\_web/uploadedFiles/Events/Past\\_Events/3\\_warren-anderson\\_paper.pdf](http://www.canaanvi.org/canaanvi_web/uploadedFiles/Events/Past_Events/3_warren-anderson_paper.pdf)

Warren, K.A., and **J. T. Anderson**. 2009. Temporal variation in songbird abundance on grasslands in Canaan Valley, West Virginia. *In Canaan Valley and its Environs:*

A Landscape Heritage Celebration. Canaan Valley Institute, Davis, West Virginia. [http://www.canaanvi.org/canaanvi\\_web/uploadedFiles/Events/Past\\_Events/2\\_warren-anderson\\_paper\(1\).pdf](http://www.canaanvi.org/canaanvi_web/uploadedFiles/Events/Past_Events/2_warren-anderson_paper(1).pdf)

Warren, K.A., and **J. T. Anderson**. 2009. Invertebrate biomass on mowed and unmowed fields in Canaan Valley. *In Canaan Valley and its Environs: A Landscape Heritage Celebration*. Canaan Valley Institute, Davis, West Virginia. [http://www.canaanvi.org/canaanvi\\_web/uploadedFiles/Events/Past\\_Events/Warren%20Poster%20Abstract.pdf](http://www.canaanvi.org/canaanvi_web/uploadedFiles/Events/Past_Events/Warren%20Poster%20Abstract.pdf)

### **2008**

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.

Rentch, 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**

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.

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**

**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.

### **2003**

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.

## 2002

**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.

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.

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.

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.

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.

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.

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.

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.

Welsh, S. A., **J. T. Anderson**, and D. A. Cincotta. 2002. Fish occurrence on the Camp Dawson Collective Training Area, Kingwood, West Virginia. Proceedings of the West Virginia Academy of Sciences: Camp Dawson Symposium 74:87-90.

## **THESES AND DISSERTATIONS DIRECTED**

I am currently directing or co-directing 9 graduate students (4 Ph.D.; 5 M.S.) studying the following topics: 1) White-tailed deer herbivory on vegetation in Canaan Valley, West Virginia; 2) Fragmentation effects on salamander populations, 3) Wild male turkey home range and movements, 4) Bird response to invasive honeysuckle; 5) Stressors of high elevation fens; 6) Use of pentosidine to measure age of birds\*\*; 7) Plant litter decomposition rates in mitigated and natural wetlands; 8) Amphibian communities in natural and mitigated wetlands; 9) Impacts of bridge crossings on wildlife.

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

### Completed Ph.D. Dissertations

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

Veselka, Walter A.	2008.	Development of volunteer-driven indices of biological integrity for wetland in West Virginia.
Helon, David A.	2006.	Summer home range, habitat use, movements, and activity patterns of river otters ( <i>Lontra canadensis</i> ) 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.
- Edalگو, Jennifer A. 2005. Edalگو, 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.

## LEADERSHIP AND COMMITTEE ACTIVITIES

2008-10: **President**. Northeast Section of The Wildlife Society.

2008-11: **Senator**. Faculty Senate, West Virginia University.

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

2008-09: **Curriculum Committee Member**. West Virginia University, Faculty Senate.

2007-Present: **Associate Director—Natural Resources Analysis Center**. Davis College of Agriculture, Forestry, and Consumer Sciences, West Virginia University.

2007-2009: **Recruitment Committee Chair**. Davis College of Agriculture, Forestry, and Consumer Sciences, West Virginia University.

2007-08: **President-Elect**. Northeast Chapter of The Wildlife Society.

2007-08: **Faculty Fellow**. Lyon Tower, West Virginia University.

2007-08: **Committee Member**. Wetland Education in Colleges and Universities, Society of Wetland Scientists.

2007-10: **Associate Editor**. *Wetlands* (Invertebrate Ecology and General Wetlands). The Society of Wetland Scientists.

2006-07: **Promotion and Tenure Committee**. Division of Forestry and Natural Resources, West Virginia University.

2002-08: **The Wildlife Society (Student Chapter) Co-Advisor**. Division of Forestry and Natural Resources, West Virginia University.

- 1999-Present: **Scholarship Committee Member**. Division of Forestry and Natural Resources, West Virginia University.
- 2005-Present: **Student Aid and Grants Committee Member**. Davis College of Agriculture, Forestry, and Consumer Sciences, West Virginia University.
- 2006: **Futuring Committee Member**. Davis College of Agriculture, Forestry, and Consumer Sciences, West Virginia University.
- 1999-06: **Coordination and Implementation Committee Member**. Northeast Wildlife Damage Management Research and Outreach Cooperative.
- 1999-Present: **Maurice Brooks Lectureship Committee Co-Chair**. Division of Forestry, 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.
- 2005: **Program Committee**. Multi-resource Conference, American Fisheries Society, Society of America Foresters, The Wildlife Society.
- 2003-05: **Student Grant Funding Committee**. Society of Wetland Scientists.
- 2004-05: **Scientific Advisory Committee**. Canaan Valley Institute.
- 2004-05: **Student Evaluation of Instruction Committee**. West Virginia University Faculty Senate.
- 2003-04: **Publications Committee Chair**. National Chapter of The Wildlife Society.
- 2003-04: **Vice-President**. West Virginia Chapter of The Wildlife Society.
- 2002-04: **Allegheny Conservation Alliance (Student Chapter) Advisor**. West Virginia University
- 2001-04: **Committee Member**. Canaan Valley Symposium, Canaan Valley Institute.
- 2003: **Session Chair**. Adaptive Management, Society of Wetland Scientists, 24th

Annual Meeting, New Orleans, LA.

- 2003: **Student Paper Judge**. 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.
- 2001-02: **Associate Editor**. *The Journal of Wildlife Management* (Wetlands and Waterfowl). National Chapter of The Wildlife Society.
- 2001-02: **Publications Committee**. National Chapter of The Wildlife Society.
- 2001-02: **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.
- 2000-01: **Wildlife and Fisheries Society (Student Chapter) Co-Advisor**. Division of Forestry, West Virginia University.
- 2000-01: **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.
- 1997: **Subcommittee Member: Amphibian and Reptile Papers/Posters**. National Chapter of The Wildlife Society.
- 1996-97: **Graduate Student Representative**. Department of Range, Wildlife,

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

- 1996: **Committee Member: Student Presentation Judge**. National Chapter of the Society of Wetland Scientists.
- 1990-91: **President**. The Student Chapter of The Wildlife Society, UW-Stevens Point, Stevens Point, Wisconsin.
- 1989-90: **Crew Boss**. Fire Crew, UW-Stevens Point, Stevens Point, Wisconsin.
- 1988-90: **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.