

# Curriculum Vitae

March 2019

## Dean F. Stauffer

Department of Fish and Wildlife Conservation 0321  
310 West Campus Drive  
College of Natural Resources and Environment  
Virginia Polytechnic Institute and State Univ.  
Blacksburg, VA 24061

(540)231-7349, dstauffe@vt.edu

## EDUCATION

B.S. Wildlife and Fisheries Resources	1975	University of Idaho
M.S. Animal Ecology	1978	Iowa State University
Ph.D. Forestry, Wildlife and Range Science	1983	University of Idaho

## PROFESSIONAL EXPERIENCE

July 2017 – present	Associate Department Head for Undergraduate Programs
July 2004 - Present	Professor, Dep. Fisheries and Wildlife Science, Virginia Tech
August 2010 – 2015	Associate Dean, Academic Programs Office, CNRE
July 1989 – June 2004	Associate Professor, Dep. Fisheries & Wildlife Science, Virginia Tech
July 1990 - June 1991	Wildlife Biologist (IPA), National Ecology Research Center, USFWS, Ft. Collins, CO (1-year assignment to work on HEP issues)
July 1983 - June 1989	Assistant Professor, Dep. Fisheries & Wildlife Science, Virginia Tech
Jan. 1983 - June 1983	Assistant Professor, Dep. Fisheries & Wildlife, Univ. Idaho
June 1979 - Dec. 1982	Graduate Research & Teaching Assistant, Dep. Fisheries & Wildlife, Univ. Idaho
July 1978 - May 1979	Research Associate, Dep. Fisheries & Wildlife, Univ. Idaho
Sept. 1975 - June 1978	Graduate Assistant, Dep. Animal Ecology, Iowa State University

## TEACHING AND ADVISING

### COURSES DEVELOPED AND TAUGHT

#### UNDERGRADUATE:

FiW 1114 Introduction to Natural Resources (Lab) 1997-2002  
NR 1234 First Year Experience in Natural Resources & Environment 2011-2015  
NR 2234 First Sem. Experience for Transfer Students in Natural Resources & Environment 2015-present  
FiW 4214 Techniques in Wildlife Management 1986-1995  
FiW 4434 Wildlife Habitat Ecology and Management 1983-present  
FiW 4474 Wildlife Habitat Evaluation 2001 – present

#### GRADUATE:

FiW 5214 Vertebrate Population and Habitat Analysis 1994-2005, alternate years  
FiW 5214 Design and Analysis of Field Studies, 2007 – present, alternate years  
FiW 6214 Advanced Habitat Analysis 2006-2008, alternate years

#### Graduate Special Study Courses:

Topics in Nongame Management 1985  
Modeling Wildlife-habitat Relationships, 1993 & 1995  
Analyzing Resource Preference Assessment, 2006  
Community Structure and Ecology

*I have also provided guest lectures for the following classes:*

Forestry Spring Camp - field exercise in habitat evaluation – 1997-2011  
 FiW/For/Wood 1114 - Introduction to Natural Resources: 1 or 2 lectures each semester taught  
 FiW 2214 – Principles of Fish and Wildlife Management – 1 lecture for 4 years  
 FiW4464 - Human Dimensions of FiW - 1 lecture in each of 9 years  
 FiW 5984 – Systems Approach to Resource Modeling – 1 lecture  
 ALS/WOOD/GEOG/UAP 4984 – Skills and approaches for international development – 1 lecture in 2 years  
 FOR 3324 – Silviculture Principles and Applications – 2 lectures in 3 years  
 LAR 4044 - Land Analysis and Site Planning - 1 lecture on habitat evaluation for each of 3 years  
 LAR 5984 - Environmental Impact Analysis - 1 lecture on Habitat Evaluation Procedures, 2 year  
 UAP 4404 – Approaches to International Development – 1 lecture  
 FOR 5264 – GIS applications in natural resource management, 2 lectures

### **THESES AND DISSERTATIONS COMPLETED UNDER MY DIRECTION**

#### **Masters Theses Completed Under My Direction (19):**

- Latimer, Christopher. 2012. Avian population and community dynamics in response to vegetation restoration on reclaimed mine lands in southwest Virginia. May 2012.
- Carrozzino, Amy L. 2009. Evaluating wildlife response to vegetation restoration on reclaimed mine lands in southwestern Virginia. May 2009
- Morris, C. 2006. Building a Predictive Model of Delmarva Fox Squirrel (*Sciurus niger cinereus*) Occurrence Using Infrared Photomonitors. October 2006.
- Bumann, G. B. 2002. Factors influencing predation on ruffed grouse in the Appalachians. MS Thesis, April 2002.
- Williams, J. M. 2000. Small mammal demography and habitat associations in 4 forest cover types on Quantico Marine Corps Base, Virginia. MS Thesis. March 2000.
- Fearer, Todd M. 1999. Relationship of ruffed grouse home range size and movement to landscape characteristics in Southwestern Virginia. MS Thesis. May 1999.
- Penhollow, Mark E. 1996. Large-scale habitat relationships of neotropical migratory birds. October 1996.
- DeLa Zerda Lerner, Susana. 1995. Winter habitat use by blackburnian warblers (*Dendroica fusca*) in Los Amarillos, Colombia. May 1995.
- Banker, Mark E. 1994. Modeling white-tailed deer habitat quality and vegetation response to succession and management. May 1994.
- Murray, N. L. 1992. Habitat use by nongame birds in central Appalachian riparian forests. November 1992.
- Senchak, S. S. 1991. Home ranges and habitat selection of red-shouldered hawks in central Maryland: evaluating telemetry triangulation errors. October 1991.
- Tonkovich, M. J. 1989. Nongame bird habitat use on farmlands in Halifax County, Virginia. July 1989.
- Falk, J. N. 1989. Landscape level raptor habitat associations in Northwest Connecticut. July 1989.
- Chester, D. N. 1988. Bald eagle habitat use on B. Everett Jordan Lake and Falls Lake, North Carolina. July 1988.
- Timothy, K. G. 1988. Reliability of avifauna information in a computerized fish and wildlife information system. October 1988.

Cline, G. A. 1988. Relationships of bobwhite quail and cottontail rabbits to habitat on agricultural lands in Halifax county, Virginia. November 1988.

Ritchie, V. P. 1987. Wildlife associated recreation and wildlife management: Views of birders, hunters, environmentalists, wildlife professionals, and forestry professionals. July 1987. (With William Leuschner)

Garrison, B. A. 1986. Avian population densities, habitat use, and foraging ecology in thinned and unthinned hardwood forests in southwestern Virginia. April 1986.

Gaudette, M. G. 1986. Modeling winter habitat for white-tailed deer in Southwestern Virginia. September 1986.

#### **Ph.D. Dissertations completed under my direction (9):**

Lin, Fang-Yee. 2013. "Islands" in an island: multiscale effects of forest fragmentation on lowland forest birds in Taiwan. October 2013.

Bravo Vinaja, Maria Guadalupe. 2012. Evaluation of landscape level habitat characteristics of golden eagle habitat in Northwestern Mexico. September 2012.

Fearer, T. K. 2006. Evaluating Population-Habitat Relationships of Forest Breeding Birds at Multiple Spatial and Temporal Scales Using Forest Inventory and Analysis Data. (Co-advised with Dr. Steve Prisley, Department of Forestry)

Patrick K. Devers. 2005. Population ecology of and the effects of hunting on ruffed grouse (*Bonasa umbellus*) in the southern and central Appalachians.

Whitaker, D. M. 2003. Ruffed grouse (*Bonasa umbellus*) habitat ecology in the central and southern Appalachians. December 2003.

Esikuri, Enos E. 1998. Spatio-temporal effects of land use changes in a savanna wildlife area of Kenya. PhD Dissertation. June 1998.

Vega-Rivera, Jorge H. 1997. Premigratory movements of a long distance migratory species: the wood thrush (*Hylocichla mustelina*). May 1997 (co-advisor with Dr. Carola Haas)

Tonkovich, M. E. 1995. Field evaluation of the Northern Bobwhite habitat suitability index model with implications for the conservation reserve program. July 1995

Kerpez, T. A. 1994. Effects of group selection and clearcut openings in Appalachian hardwood forests. March 1994.

#### **Undergraduate Honor Theses/Projects completed under my direction (3):**

Sanford, Katie. 2007. Habitat selection patterns in Black Bears in Virginia.

Smith, Kimberly A. 1998. Modeling bird-habitat relationships on landscapes.

Vaisvil, Christy. 1994. Seasonal variation in habitat use by resident songbirds in Southwest Virginia.

#### **Special achievements of former undergraduate and graduate students**

Barrett Garrison (MS, 1986) – President of the Western Section of The Wildlife Society, 2000-2001

Theodore Kerpez (PhD, 1994) - Cunningham Fellowship, 1989

Enos E. Esikuri (PhD, 1998) - Rockefeller Dissertation Fellowship, 1995

Darroch Whitaker (PhD, 2003)

- Burd S. McGinnes Scholarship, Department of Fisheries and Wildlife Sciences, College of Natural Resources, Virginia Tech, 2000.
- Selected Outstanding Graduate Student of the College of Natural Resources, 2001.
- A. B. Massey Honorarium for Outstanding Graduate Student, Department of Fisheries and Wildlife Sciences, College of Natural Resources, Virginia Tech, 2003.

Patrick K. Devers (PhD, 2005)

- The Wildlife Society's Donald H. Rusch Scholarship (national-level award for student working with upland game), 2002.
- Fisheries and Wildlife Science Chamberline Fellowship, 2003.

### **Academic advising responsibility**

Undergraduate: I currently have 18 undergraduate advisees. Over the years, I have averaged approximately 20-30 per year. As I recently returned to teaching/research from administrative duties, I've not yet taken on any more new graduate students.

Graduate:

Chairman/co-chairman on Graduate Committees (29):

Completed: M.S. - 19  
 Ph.D. - 9  
 Current: M.S. - 0  
 Ph.D. - 0

Member on Graduate Committees (104):

Completed: M.S. - 69  
 Ph.D. - 29  
 Current: M.S. - 6  
 Ph.D. - 3

### **Student evaluation of instruction:**

From 1983-2011 the university used a 4.0 scale for student evaluations. For that period, I taught 2298 students in 64 class sections with an overall student evaluation of 3.49; the department of Fish & Wildlife Conservation average for that period was 3.38.

In 2011 the university switched to a 6.0 scale. During that period I've taught 201 students in 10 classes with an overall rating of 5.35 (department average of 5.21).

### **Recognition & Awards for teaching and advising effectiveness.**

Excellence in Wildlife Education Award, The Wildlife Society, National Section, 2017

Virginia Tech Academy of Teaching Excellence, 2017

W.E. Wine Teaching Award, Va Tech, 2017

Outstanding Advisor, College of Natural Resources & Environment, 2016

Certificate of Teaching Excellence 1994 (1<sup>st</sup> recipient in the new College of Forestry & Wildlife)

Outstanding Faculty Award, School of Forestry and Wildlife Resources, 1993

Outstanding Faculty Award, College of Natural Resources & Environment, 2003, 2010, 2011

University Exemplary Program recognition for NR 1234 FYE in Natural Resources & Environment – member of the instructional team that developed the course, 2013

## SCHOLARSHIP AND RESEARCH

(\* indicates contribution by graduate students, \*\* by undergraduate students)

### Research and Scholarly Publications (Senior author appears first)

#### Books or monographs:

Stauffer, D. F., Editor. 2011. Ecology of Appalachian Ruffed Grouse. Hancock House, 176pp.

#### Book Chapters

Buehler, D., C. Harper, D. M. Whitaker\*, B. Jones, C. Schumacher, J. Fettinger, J O'Keefe, T. Fearer\*, E. Endrulat, J. Tirpak and D. F. Stauffer. 2011. Ruffed grouse habitat requirements. *In* D.F. Stauffer Ed.. Ecology of Appalachian Ruffed Grouse. Hancock House

Buhmann\*, G. and D. F. Stauffer. 2011. Predators of Appalachian ruffed grouse. *In* D.F. Stauffer, Ed.. Ecology of Appalachian Ruffed Grouse. Hancock House

Devers\*, P. K., G. W. Norman, D. F. Stauffer and D. E. Steffen. 2011. Ruffed grouse survival in the Southern and Central Appalachians. *In* D.F. Stauffer Ed. Ecology of Appalachian Ruffed Grouse. Hancock House

Devers\*, P. K., G. W. Norman, D. Swanson, and D. F. Stauffer. 2011. Ruffed grouse harvest management in the Southern and Central Appalachians. *In* D.F. Stauffer, Ed. Ecology of Appalachian Ruffed Grouse. Hancock House

Stauffer, D. F. 2011. Introduction. *In* D.F. Stauffer, Ed. Ecology of Appalachian Ruffed Grouse. Hancock House

Stauffer, D. F. 2011. Study areas and field methods. *In* D.F. Stauffer, Ed. Ecology of Appalachian Ruffed Grouse. Hancock House

Whitaker\*, D. M., J. Tirpak, W. Giuliano, and D. F. Stauffer. 2011. Space and home ranges. *In* D.F. Stauffer, Ed. Ecology of Appalachian Ruffed Grouse. Hancock House

#### REFEREED PUBLICATIONS

##### Book Chapters

Newcomb, T.J., D. J. Orth, and D. F. Stauffer. 2007. Habitat Evaluation. Pages 843 – 886 *in* C.S. Guy and M. L. Brown, Editors. Analysis and interpretation of freshwater fisheries data.

Stauffer, D. F. 2002. Linking populations and habitats: Where have we been? Where are we going? Pages 53-61 in J. Michael Scott, et al., eds. Predicting Species Occurrences: Issues of Scale and Accuracy. Island Press.

Stauffer, D. F. 1993. Quail methodology: Where are we and where do we need to be? Pages 21-33 in K. E. Church and T. V. Dailey, eds. Quail III: National Quail Symposium. Kansas Dep. Wildl. and Parks, Pratt.

Stephenson, S. L., A. N. Ash, and D. F. Stauffer. 1993. Appalachian Oak Forests. Pages 255-303 in W. H. Martin, S. G. Boyce and A. C. Echternacht, eds. Biotic Communities of the Southeastern United States. John Wiley and Sons. N.Y.

Stauffer, D. F., and L. B. Best. 1986. Effects of habitat type and sample size on habitat suitability index models. Pages 71-77 in J. Verner, M. L. Morrison, and C. J. Ralph, eds., Wildlife 2000: Modeling Habitat Relationships of Terrestrial Vertebrates. Univ. Wisconsin Press.

Best, L. B., and D. F. Stauffer. 1986. Factors confounding evaluation of bird-habitat relationships. Pages 209-216 in J. Verner, M. L. Morrison, and C. J. Ralph, eds., Wildlife 2000: Modeling Habitat Relationships of Terrestrial Vertebrates. Univ. of Wisconsin Press.

## Monographs

Devers\*, P. K., D. F. Stauffer, G. W. Norman, D. E. Steffen, D. W. Whitaker\*, J. Sole, T. Allern, S. Bittner, J. W. Edwards, D. Fitgert, S. Friedhoff, W. Giuliano, C. Harper, W. Igo, R. Kirkpatrick, M. Seamster, H. Spiker, D. Swanson, and B. Tefft. 2007. Population ecology of and the effects of hunting on ruffed grouse in the southern and central Appalachians. *Wildlife Monographs*. 138:1-36. \* received outstanding monograph award from TWS in 2008.

## Papers in refereed journals

Thompson, M.M. , B.H. Coe , R.M. Andrews, D.F. Stauffer, D.A. Cristol, D.A. Crossley, and W.A. Hopkins. 2018. Major global changes interact to cause male-biased sex ratios in a reptile with temperature-dependent sex determination. *Biological Conservation*. 222:64-74.

Thompson, M. M., B. H. Coe, J. D. Congdon, D. F. Stauffer, and W. A. Hopkins. 2017. Nesting ecology & habitat use of snapping turtles (*Chelydra serpentina*) in an area modified by agricultural and industrial activity. *Herpetological Conservation Biology* 12:292-306.

Tredick, C. A., D. F. Stauffer, M. J. Kelly, and M. R. Vaughan. 2017. Landscape-level habitat use and movement patterns of black bears in northeastern Arizona. *Southwest Naturalist*. 62:85-91.

Farris, Z.J.; Golden, C.D.; Karpanty, S.M.; Murphy, A.J.; Stauffer, D.; Ratelolahy, F.; Andrianjakarivelo, V.; Holmes, C.M. and M.J. Kelly. 2015. Hunting, Exotic Carnivores, and Habitat Loss: Anthropogenic Effects on a Native Carnivore Community, Madagascar. *PLOS ONE*. DOI: 10.1371/journal.pone.0136456.

Davis, M.L.; Kelly, M.J. and D. F. Stauffer. 2011. Carnivore coexistence and habitat use in the Mountain Pine Ridge Forest Reserve, Belize. *Animal Conservation* 14:56-65.

McShea, W. J., W. M. Healy, P. Devers, T. Fearer, F. H. Koch, D.F. Stauffer and J. Waldon. 2007. Forestry Matters: decline of oaks will impact wildlife in hardwood forests. *Journal of Wildlife Management*. 71:1717-1728.

Tirpak, J. M., W. M. Giuliano, T.J. Allen, S. Bittner, J. W. Edwards, F. Friedhof, C. A. Harper, W. K. Igo, D.F. Stauffer, G. W. Norman. 2010. Ruffed grouse habitat preference in the central and southern Appalachians. *Forest Ecology and Management*. 260: 1525-1538.

Tirpak, J. M., W. M. Giuliano, T.J. Allen, S. Bittner, J. W. Edwards, F. Friedhof, C. A. Harper, W. K. Igo, D.F. Stauffer, G. W. Norman. 2010. Evaluation of source and sink habitat for ruffed grouse in the Central and Southern Appalachians. *Proc. Southeastern Association of Fish and Wildlife Agencies*. 64:

Tredick\*, C. A., M. R. Vaughan, D. F. Stauffer, S. L. Simek, and T. Eason. 2007. Strategies for subsampling genetic data to estimate black bear population size. *Ursus* 18:178-187.

Fearer\*, T. M., S. P. Prisley, D. F. Stauffer and P. D. Keyser. 2007. A method of integrating the breeding bird survey and forest inventory and analysis databases to evaluate forest bird habitat relationships at multiple spatial scales. *Forest Ecology and Management* 243:128-143.

Whitaker\*, D. M., D. F. Stauffer, G. W. Norman, P. K. Devers\*, J. Edwards, W. M. Giuliano, C. Harper, W. Igo, J. Sole, H. Spiker, and B. Tefft. 2007. Factors associated with variation in home range size of Appalachian ruffed grouse. *Auk*. 124:1407-1424.

McShea, W. J., W. M. Healy, P. Devers, T. Fearer, F. Koch, D. F. Stauffer, and J. Waldon. 2007. Forestry Matters: The current decline of oaks will impact wildlife in hardwood forests. *Journal of Wildlife Management*. 71:1717-1728.

- Tirpak\*, J. M., W. M. Giuliano, C. A. Miller, T. J. Allen, S. Bittner, D. A. Buehler, J. W. Edwards, C. A. Harper, W. K. Igo, G. W. Norman, M. Seamster, D. F. Stauffer. 2006. Ruffed grouse population dynamics in the central and southern Appalachians. *Biological Conservation*. 133:364-378.
- Whitaker\*, D. M. and D. F. Stauffer. 2006. Letter to the Editor. *Journal of Wildlife Management*. 70:1490-1491.
- Whitaker\*, D. M., D. F. Stauffer, G. W. Norman, P. K. Devers, T. J. Allen, S. Bittner, D. Buehler, J. Edwards, S. Friedhoff, W. M. Giuliano, C. A. Harper, B. Tefft. 2006. Factors affecting habitat use by Appalachian ruffed grouse. *Journal of Wildlife Management* 70:460-471.
- Tirpak\*, J. M., W. M. Giuliano, C. A. Miller, T. J. Allen, S. Bittner, J. W. Edwards, S. Friedhoff, W. K. Igo, D. F. Stauffer, G. W. Norman. 2006. Ruffed grouse nest success and habitat selection in the central and southern Appalachians. *Journal of Wildlife Management*. 70:38-44.
- Whitaker\*, D. M., D. F. Stauffer, G. W. Norman and W. B. Chandler. 2004. Effect of prescribed burning on clearcuts on ruffed grouse brood habitat. *Proc. Annual Conf. SEAFWA* 58:312-322.
- Fearer, T. M.\* and D. F. Stauffer. 2004. Relationship of ruffed grouse *Bonasa umbellus* to landscape characteristics in southwest Virginia. *Wildlife Biology*. 10:143-151.
- Whitaker\*, D. W. and D. F. Stauffer. 2003. Winter roost selection by ruffed grouse in the central Appalachians. *Southeastern Naturalist*
- Fearer, T. M.\* and D. F. Stauffer. 2003. Relationship of ruffed grouse (*Bonasa umbellus*) home range size to landscape characteristics. *American Midland Naturalist*. 150:104-114.
- Haulton, G. S.\*, D. F. Stauffer, R. L. Kirkpatrick, and G. W. Norman. 2003. Ruffed grouse brood microhabitat selection in the southern Appalachians. *American Midland Naturalist*. 150:95-103.
- Bumann, G. B.\* and D. F. Stauffer. 2002. Scavenging of ruffed grouse in the Appalachians: influences and implications. *Wildlife Society Bulletin* 30:853-860.
- Hewitt\*, D. G., D. M. Keppie, and D. F. Stauffer. 2001. Predation effects on forest grouse recruitment. *Wildlife Society Bulletin*. 29:16-23.
- Penhollow, M. E.\*, and D. F. Stauffer. 2000. Large-scale habitat relationships of neotropical migratory birds in Virginia. *Journal of Wildlife Management*. 64:362-373.
- DeLaZerda, Sussy \*, and D. F. Stauffer, 1998. Habitat selection by Blackburnian Warblers (*Dendroica fusca*) wintering in Colombia. *Journal of Field Ornithology*. 69:457-465.
- Murray, N. L.\*, and D. F. Stauffer. 1995. Nongame bird use of habitat in Central Appalachian riparian forests. *Journal of Wildlife Management*. 59:78-88
- Tonkovich, M. J.\*, and D. F. Stauffer. 1993. Evaluating micro-habitat selection by Northern Bobwhite in Virginia. *Proceedings of the Annual Conference of the Southeastern Association of Fish and Wildlife Agencies*. 47:257-267.
- Cline, G. A.\*, M. J. Tonkovich, and D. F. Stauffer. 1992. Summer habitat relationships of northern bobwhite in Piedmont Virginia. *Proceedings of the Annual Conference of the Southeastern Association of Fish and Wildlife Agencies*. 45:37-48.
- Timothy, K. G.\* and D. F. Stauffer. 1991. Reliability of selected avifauna information in a computerized information system. *Wildlife Society Bulletin*. 19:80-88.
- Hellgren, E. C.\*, M. R. Vaughan, and D. F. Stauffer. 1991. Macrohabitat use by black bears in a Southeastern wetland. *Journal of Wildlife Management*. 55:442-448.

- Chester, D.N.\*, D.F. Stauffer, T.J. Smith, D.R. Lukkonen, and J.D. Fraser. 1990. Bald eagle habitat use in North Carolina. *Journal of Wildlife Management*. 54:223-234.
- Stauffer, D. F., G. A. Cline\*, and M. J. Tonkovich\*. 1990. Evaluating potential effects of CRP on Bobwhite Quail in Piedmont Virginia. *Transactions of the North American Wildlife and Natural Resources Conference*. 55:57-67.
- Morton, J.\*, R. L. Kirkpatrick, M. R. Vaughan, and D. F. Stauffer. 1989. Habitat use and movements of American black ducks in winter. *Journal of Wildlife Management* 53:390-400.
- Leuschner, W. A., V. P. Ritchie\*, and D. F. Stauffer. 1989. Opinions of managers and users for wildlife management and planning. *Wildlife Society Bulletin* 17:24-29.
- Rosenberg, D. H.\*\*, J. D. Fraser, and D. F. Stauffer. 1988. Use and characteristics of snags in young and old forest stands in southwest Virginia. *Forest Science* 34:224-228.
- Gaudette, M. G.\*, and D. F. Stauffer. 1988. Modeling habitat of white-tailed deer in southwestern Virginia. *Wildlife Society Bulletin* 16:284-290.
- Garrison, B. A.\*, C. Vouchilas, and D. F. Stauffer. 1986. Nestling great crested flycatcher parasitized by larval fly (*Protocalliphora lirudo*). *Wilson Bulletin* 98:321.
- Stauffer, D. F., and S. R. Peterson. 1986. Seasonal micro-habitat relationships of blue grouse in southeastern Idaho. *Great Basin Naturalist* 46:116-122.
- Stauffer, D. F., and L. B. Best. 1986. Characteristics of nest-sites used by open-nesting birds of riparian habitats in Iowa. *Wilson Bulletin* 98:231-242.
- Stauffer, D. F., and S. R. Peterson. 1985. Ruffed and blue grouse habitat use in southeastern Idaho. *Journal of Wildlife Management*. 49:459-466.
- Stauffer, D. F., and S. R. Peterson. 1985. Seasonal micro-habitat relationships of ruffed grouse in southeastern Idaho. *Journal of Wildlife Management* 49:605-610.
- Stauffer, D. G., E. O. Garton, and R. K. Steinhorst. 1985. A comparison of principal components from real and random data. *Ecology* 66:1693-1698.
- Stauffer, D. F., and L. B. Best. 1982. Nest-site selection by cavity-nesting birds of riparian habitats in Iowa. *Wilson Bulletin* 94:329-337.
- Stauffer, D. F., and L. B. Best. 1980. Habitat selection by birds of riparian communities: Evaluating effects of habitat alterations. *Journal of Wildlife Management* 44:1-15.
- Best, L. B., and D. F. Stauffer. 1980. Factors affecting nesting success in riparian bird communities. *Condor* 82:149-158.

#### **Papers in refereed conference proceedings**

- Stauffer, D. F. and S. L. McMullin. 2009. Desired competencies and perceived proficiencies of entry-level fisheries and wildlife professionals: a survey of employers and educators. *Transactions of the North American Wildlife and Natural Resources Conference*.
- Whitaker, D.M., J.C. Pack, G.W. Norman, D.F. Stauffer, and S.D. Klopfer. 2006. A range-wide meta-analysis of wild turkey breeding phenology. *Proceedings of the Ninth National Wild Turkey Symposium*. 9:93-102.
- Fearer, T.M., D.F. Stauffer, S.P. Priskey, and P.D. Keyser. 2005. Evaluating population-habitat



relationships of forest breeding birds at multiple scales using forest inventory and analysis data. Pp. 17-26 In: Bettinger, P., C. Hyldahl, S.D. Danskin, J. Zhu, Y. Zhang, W.G. Hubbard, T. Lowe, M. Wimberly, and B. Jackson (eds.) Proceedings of the 4th Southern Forestry and Natural University of Georgia, Athens, GA.

Farmer, A. H., B. S. Cade, and D. F. Stauffer. 2002. Evaluation of a Habitat Suitability Index model. Pages 173-180 in *The Indiana bat: biology and management of an endangered species*. Bat Conservation International, Austin, Texas.

Esikuri, E. E.\*, and D. F. Stauffer. 2002. Elephant damage assessment and mitigation options in Amboseli Basin, Kenya. Pages 227-230 in *Proceedings of the 2nd International Wildlife Management Congress*. The Wildlife Society

Stauffer, D. F., A. H. Farmer, and B. S. Cade. 1991. Use of wildlife models for habitat management planning. Pages 609-616 in G. Buhyoff, ed., *Proceedings of Resource Technology 90: Second International Symposium on Advanced Technology in Natural Resource Management*. Am. Soc. Photogrammetry and Remote Sensing.

Stauffer, D. F. 1990. Surveying and monitoring of woodland raptors. Pages 211-213 In *Proceedings of Southeast Raptor Management Symposium and Workshop*. Nat. Wildl. Fed., Washington, DC.

Falk, J.\*, and D. F. Stauffer. 1989. Methods for measuring landscape fragmentation of raptor habitat. pp.162-170 In B.G. Pendleton, ed. *Proceedings of Northeast Raptor Management Symposium and Workshop*. Nat. Wildl. Fed., Sci. and Tech. Series No. 13.

Titus, K., M. Fuller, D. F. Stauffer, and J. Sauer. 1989. Raptor status reports: Buteos. pp 53-64 In B.G. Pendleton, ed. *Proceedings of Northeast Raptor Management Symposium and Workshop*. Nat. Wildl. Fed., Sci. and Tech. Series No. 13.

Kerpez, T.A.\*, and D.F. Stauffer. 1989. Avian communities of pine-hardwood forests in the Southeast: characteristics, management, and modeling. pp. 156-169 in T.A. Waldrop, ed. *Proceedings of Pine-hardwood mixtures: a symposium on management and ecology of the type*. USDA Forest Service General Technical Report SE-58.

Best, L. B., D. F. Stauffer, and A. R. Geier. 1979. Evaluating the effects of habitat alteration on birds and small mammals occupying riparian communities. Pp.117-123 in *Proceedings of the symposium on strategies for protection and management of floodplain wetlands and other riparian ecosystems*. USDA Forest Service General Technical Report WO-12.

### **Papers presented at professional meetings :**

#### **International & National Invited Papers**

Stauffer, D. F., and G. W. Norman. 2016. The Appalachian Cooperative Grouse Research Project. Presented at the 2016 annual conference of The Wildlife Society, October 2016.

Stauffer, D.F., D.J. Orth, E. Wiseman, and K. Cowgill. 2012. Establishing core competencies through a first year experience. Presentation at 19<sup>th</sup> Annual Conference of The Wildlife Society

Stauffer, D.F. 2010. Constructing the "ideal" wildlife curriculum. The 17<sup>th</sup> Annual Conference of The Wildlife Society, October 2010.

Stauffer, D. F. and S. L. McMullin. 2009. Desired competencies and perceived proficiencies of entry-level fisheries and wildlife professionals: a survey of employers and educators. Presented at The North American Wildlife and Natural Resources Conference, March 2009.

- Sunarto; Kelly, M.J.; Klenzendorf, S.; Stauffer, D.F.; Vaughan, M.R.; Zulfahmi; Kurniawan, H and K. Parakkasi. 2009. Habitat use of the Sumatran Tiger in forest and plantation landscapes. Society for Conservation Biology, Institute of Zoology, Chinese Academy of Sciences, Beijing, China. June 2009.
- Stauffer, D. F. 1999. Linking populations and habitats: Where have we been? Where are we going? Invited Plenary paper presented at the symposium: Predicting Species Occurrences: Issues of Scale and Accuracy. Snowbird, UT October 1999.
- Stauffer, D. F. 1995. Structure and function of wildlife communities of riparian areas. Invited paper presented at the conference: At the water's edge: the science of riparian forestry. Duluth, MN June 1995.
- Stauffer, D. F. 1992. Quail methodology: Where are we and where do we need to be? Quail III: National Quail Symposium. Kansas City, MO.
- Stauffer, D. F. 1990. Using models to assess habitat conditions on CRP lands. Workshop: The Conservation Reserve Program in the Midwest. Columbia, MO.
- Tonkovich, M. J., and D. F. Stauffer. 1990. CRP and Bobwhite Quail - an evaluation of habitat. Workshop: The Conservation Reserve Program in the Midwest. Columbia, MO.
- Stauffer, D. F., G. A. Cline\*, and M. J. Tonkovich\*. 1990. Evaluating potential effects of CRP on bobwhite Quail in Piedmont Virginia. North American Wildlife and Natural Resources Conference, Denver.
- Stauffer, D. F., A. H. Farmer, and B. S. Cade. 1990. Use of wildlife models for habitat management planning. Resource Technology 90: Second International Symposium on Advanced Technology in Natural Resources Management. Washington, D.C.
- Stauffer, D.F. 1989. Field validation of a white-tailed deer HSI model. Invited paper presented at a Workshop on Habitat Model Validation sponsored by U.S. Fish and Wildlife Service. Estes Park, CO.
- Stauffer, D. F. 1993. Habitat modeling and its applications to wildlife management. Invited paper presented at the Institute of Sciences, National University, Bogota, Colombia. August 1993.

#### **Regional Invited Papers (6):**

- Whitaker\*, D. M. and D. F. Stauffer. 2004. Ruffed grouse habitat ecology in the central and southern Appalachians. Regional Resource Manager's Meeting, Verona, VA. March 2004.
- Devers\*, P. D. D. M. Whitaker, D. F. Stauffer, G. W. Norman and D. Steffen. 2004. Ruffed grouse population ecology in the Central Appalachian region. Regional Resource Manager's Meeting, Verona, VA. March 2004.
- Devers, P. D. and D. F. Stauffer. 2004. Ruffed grouse survival and the effects of hunting in the central Appalachians. Regional Ruffed Grouse Management Workshop, Shepherdstown, WV. Aug 25-26.
- Stauffer, D. F. G. S. Haulton, and R. L. Kirkpatrick. 2004. Ruffed grouse brood habitat and management in the central Appalachians. Regional Ruffed Grouse Management Workshop, Shepherdstown, WV. Aug 25-26.
- Stauffer, D. F. 1998. Ruffed Grouse Research in Virginia: The Cooperative Appalachian Grouse Research Project. Presentation given to the Ruffed Grouse Society, Roanoke, VA. February 1998.
- Stauffer, D. F. 1996. Using habitat suitability indices to select animal release sites. 2nd Eastern

Nuisance Wildlife Control Operators Shortcourse, Lexington, KY February 1996.

**National and International Contributed Papers:**

- Stauffer, D. F. and D.J. Orth. 2016. Five years on: Lessons learned in a first year experience class for freshmen in a natural resources program. Biannual Conference on University Education in Natural Resources, Stevens Point, WI, February 2016.
- Culhane, J., Lewis, M.A., Becker, T., Blanc, L., Stauffer, D., Skirpak, S., Albright, K., and Sullivan, M. 2016. High impact practices across the disciplines: a digital narrative of first year experiences. Conference on Higher Education Pedagogy. Blacksburg, VA. February 2016.
- Stauffer, D.F., K.H. Cowgill, D.J. Orth and E.P. Wiseman. 2014. Filling in the gaps: using a First Year Experience class to prepare freshmen for academic success. Biannual Conference on University Education in Natural Resources, Auburn, AL. March 2014.
- Sunarto, M.J. Kelly, S. Klenzendorf, D.F. Stauffer, M.R. Vaughan, Zulfahmi, H. Kurniawan, and K. Parakkasi. 2010. Can tigers change their stripes? Tiger occupancy and habitat use in Sumatra's forest and plantation landscapes. Society for Conservation Biology annual meeting.
- Carrozzino\*, A. L. and D. F. Stauffer. 2008. Evaluating wildlife response to vegetation restoration on reclaimed mine lands in southwestern Virginia, poster presentation. Virginia Polytechnic Institute and State University. Society of Environmental Journalists Annual Conference, Roanoke, Virginia. October 15, 2008.
- Carrozzino\*, A. L. and D. F. Stauffer. 2008. Evaluating wildlife response to vegetation restoration on reclaimed mine lands in southwestern Virginia, poster presentation. Virginia Polytechnic Institute and State University. 15<sup>th</sup> Annual Meeting of The Wildlife Society. November 12, 2008.
- Fearer\*, Todd M., Stephen P. Prisley, Dean F. Stauffer, and Patrick D. Keyser. 2006. Evaluating population-habitat relationships of forest breeding birds at multiple spatial scales using forest inventory and analysis data. Presented at the 8th Annual Forest Inventory and Analysis Symposium, Monterey, CA, October 2006.
- Fearer, Todd M., Stephen P. Prisley, Dean F. Stauffer, and Patrick D. Keyser. 2006. Evaluating population-habitat relationships of forest breeding birds at multiple scales using forest inventory and analysis data. Presentation at the 5th Southern Forestry and Natural Resources GIS Conference, Asheville, NC, June 2006.
- Morris, C. M\*, D. F. Stauffer, and M. J. Ratnaswamy. 2005. Building a predictive model of Delmarva Fox Squirrel Occurrence using infrared photomonitor. Poster presented at the Annual Meeting of The Wildlife Society. September, 2005, Madison, WI.
- Whitaker, D.M., J.C. Pack, G.W. Norman, D.F. Stauffer, and S.D. Klopfer. 2005. A range-wide meta-analysis of wild turkey breeding phenology. Ninth National Wild Turkey Symposium, Grand Rapids, MI, December 13 2005.
- Whitaker, D.M. and D.F. Stauffer. 2005. Lifetime site fidelity of ruffed grouse. Annual meeting of the Society of Canadian Ornithologists, Halifax, NS, October 2005.
- Whitaker, D. M., D. F. Stauffer, G. W. Norman, and W. B. Chandler. 2004. Effect of prescribed burning of clearcuts on ruffed grouse brood habitat. Paper presented at the Annual Meeting of the Southeastern Association of Fish and Wildlife Agencies. November, 2004, Hilton Head, SC.
- Fearer, T. \*, D. Stauffer, S. Prisley and P. Keyser. 2004. Evaluating population-habitat relationships of forest breeding birds at multiple scales using Forest Inventory and Analysis data. Southern Forestry GIS (SOFORGIS) Conference, Athens, GA. December 2004.

- Whitaker\*, D.M., T. Allen, P. Devers\*, J. Edwards, G. Norman, and D. Stauffer 2003. Ruffed grouse ecology and management in changing Appalachian forests. MeadWestvaco Corporation 7th annual WERF meeting, January 29, 2003.
- Tredick, C.A., D.F. Stauffer, S.L. Simek, M.R. Vaughan, T. Eason. 2004. Effects of subsampling on black bear population estimates obtained using noninvasive genetic techniques. 15th International Conference on Bear Research and Management. San Diego, CA
- Fearer\*, T., S. Prisley, D.F. Stauffer, and P. Keyser. 2003. Evaluating population-habitat relationships of forest breeding birds at a landscape scale using GIS. 5th Annual Forest Inventory and Analysis Symposium, New Orleans.
- Stauffer, D. F., G. W. Norman, T. Allen, D. Swanson, J. Sole, R.L. Kirkpatrick, J. W. Edwards, and W. M. Giuliano. 2003. Lessons learned in cooperative research –3000 grouse confess. 3rd International Wildlife Management Congress, Christchurch, New Zealand.
- Devers\*, P.K., D. F. Stauffer, G. W. Norman, T. Allen, D. Swanson, J. Sole, R.L. Kirkpatrick and J. W. Edwards. 2003. A test of the compensatory response hypothesis: ruffed grouse in the central Appalachian region of the United States. 3rd International Wildlife Management Congress, Christchurch, New Zealand.
- Stauffer, D. F., P.K. Devers\*, and G. W. Norman. 2003. Ruffed grouse reproduction and recruitment in the central Appalachians. Annual Meeting of The Wildlife Society, Burlington, VT.
- Devers\*, P.K., D. F. Stauffer, and G. W. Norman. 2003. Ruffed grouse survival and cause-specific mortality in the central Appalachian region. Annual meeting of The Wildlife Society, Burlington, VT.
- Whittaker\*, D. M., D. F. Stauffer, P. K. Devers\*, G. W. Norman, T. Allen, S. Bittner, S. Friedhof, B. Giuliano, D. Buehler, and B. Tefft. 2003. Multiscale analysis of factors affecting Appalachian ruffed grouse home range size. Annual meeting of The Wildlife Society, Burlington, VT.
- Stauffer, D. F, and T. M. Fearer\*, 2001. Effects of home range estimator choice on perceptions of habitat use. Annual meeting of The Wildlife Society, Reno, NV.
- Bumann, G. B.\*, and D. F. Stauffer. 2001. Scavenger response to ruffed grouse carcasses: effects on determining cause-specific mortality. Annual meeting of The Wildlife Society. Reno, NV.
- Williams, J. M.\*, and D. F. Stauffer. 2000. Constraint of microhabitat selection by macrohabitat in small mammals. Annual meeting of The Wildlife Society, Nashville, TN.
- Whitaker, D. M.\*, M. C. Reynolds\*, and D. F. Stauffer. 2000. Error and confidence in radio tracking data. Annual meeting of The Wildlife Society, Nashville, TN.
- Stauffer, D. F., G. W. Norman, T. Allen, D. A. Swanson, J. D. Sole, R. L. Kirkpatrick, J. Edwards, and W. M. Giuliano. 2000. Herding Cats: Adventures in cooperative ruffed grouse research. Annual meeting of The Wildlife Society, Nashville, TN.
- Reynolds, M. C.\*, and D. F. Stauffer. 2000. Modeling population dynamics of ruffed grouse in the central Appalachians. Annual meeting of The Wildlife Society, Nashville, TN.
- Norman, G. W., M. C. Reynolds\*, D. F. Stauffer, T. J. Allen, S. L. Bittner, J. D. Sole, D. A. Swanson, and R. L. Kirkpatrick. 2000. Survival and the effects of hunting on ruffed grouse in the central Appalachians. Annual meeting of The Wildlife Society, Nashville, TN.
- Esikuri, E. E.\*, and D. F. Stauffer. 1999. Assessment of elephant damage and mitigation options in Amboseli Basin, Kenya. 2nd International Wildlife Management Congress. Godollo, Hungary.

- Haulton, G. S.\* , D. F. Stauffer, R. L. Kirkpatrick, and G. W. Norman. 1999. Ruffed grouse brood microhabitat selection in the southern Appalachians. Annual meeting of The Wildlife Society. Austin, TX.
- Fearer, T. M.\* , D. F. Stauffer, R. L. Kirkpatrick, and G. W. Norman. 1999. Relationship of ruffed grouse home range size and movement to landscape characteristics in southwestern Virginia. Annual Meeting of The Wildlife Society. Austin, TX.
- Williams, J. M.\* , and D. F. Stauffer. 1999. Habitat use patterns and associations of small mammals in four forest cover types in Virginia. Annual Meeting of The Wildlife Society. Austin, TX.
- Esikuri, E. E.\* , and D. F. Stauffer. 1999. Elephant, habitat, and human interactions in the Amboseli Basin, Kenya. Annual Meeting of The Wildlife Society. Austin, TX.
- Fearer, T. M.\* , D. F. Stauffer, R. L. Kirkpatrick, and G. W. Norman. 1999. The relationship of ruffed grouse home range size and movement to landscape characteristics in southwestern Virginia. Paper presented to the Kentucky Chapter of TWS annual meeting, March, 1999.
- Fearer, T. M.\* , S. D. Klopfer, and D. F. Stauffer. 1999. Effects of an evergreen understory on gap analysis mapping efforts in the Southern Appalachians. Annual GAP Principal Investigators Meeting, Duluth, MN.
- Cheyne, K. I., S. M. Zedaker, R. L. Amateis, and D. F. Stauffer. 1999. Effects of mid-rotation release on forest structure: implications for wildlife habitat and pine yield. Paper presented at the southern Weed Science Society meeting, Greensboro, NC, January, 1999.
- Haulton, S. G.\* , M. C. Reynolds\*, D. F. Stauffer, R. L. Kirkpatrick, G. W. Norman, T. J. Allen, S. L. Bittner, T. M. Fearer\*, J. D. Sole, D. A. Swanson, D. M. Whitaker\*, and J. Yoder. 1998. Ruffed grouse hen success and brood survival in the south-central Appalachians. Paper presented at the annual meeting of The Wildlife Society, Buffalo, NY.
- Reynolds, M. R.\* , D. F. Stauffer, R. L. Kirkpatrick, G. W. Norman, T. J. Allen, S. L. Bittner, T. M. Fearer\*, J. D. Sole, D. A. Swanson, D. M. Whitaker\*, and J. Yoder. 1998. Survival and cause-specific mortality of ruffed grouse in the south-central Appalachians. Paper presented at the annual meeting of The Wildlife Society, Buffalo, NY.
- Penhollow, M. E.\* , and D. F. Stauffer. 1996. Large-scale habitat relationships of neotropical migratory birds. Annual Conference of The Wildlife Society, Cincinnati, OH.
- Tonkovich, M. J.\* , and D. F. Stauffer. 1996. Field evaluation of the northern bobwhite HSI model. Annual Conference of The Wildlife Society. Cincinnati, OH.
- Banker, M. E.\* , and D. F. Stauffer. 1994. Assessing the validity of a habitat suitability index model for white-tailed deer in the South-Atlantic coastal plain. Annual Conference of The Wildlife Society, Albuquerque, NM.
- Kerpez, T. A.\* , and D. F. Stauffer. 1994. Effects of group selection and clearcutting on songbirds in Appalachian hardwood forests. Annual Conference of The Wildlife Society, Albuquerque, NM.
- Stauffer, D. F. 1994. So . . . What good are wildlife-habitat models anyway? Annual Conference of The Wildlife Society. Albuquerque, NM.
- Falk, J. A.\* , D. F. Stauffer, K. Titus, and M. R. Fuller. 1992. Landscape level raptor habitat associations. Society for Conservation Biology Annual Meeting. Blacksburg, VA.
- Murray, N. L.\* , and D. F. Stauffer. 1992. Habitat use by nongame birds in central Appalachian riparian forests. Society for Conservation Biology Annual Meeting. Blacksburg, VA.
- Tonkovich, M. J.\* , and D. F. Stauffer. 1992. A micro-habitat approach to evaluating the suitability of the

HSI model for the northern bobwhite in Virginia. Quail III: National Quail Symposium. Kansas City, MO.

Stauffer, D. F., A. H. Farmer, and B. S. Cade. 1991. A computer system to guide cost-effective habitat management planning. Poster paper at the North American Wildlife and Natural Resources Conference. Edmonton, Alberta, Canada.

Timothy, K. G.\*, and D. F. Stauffer. 1988. Reliability of avifauna information in a computerized fish and wildlife information system. Poster paper at the North American Wildlife and Natural Resources Conference, Louisville, Kentucky.

Murray, J. \*, and D. F. Stauffer. 1988. Raptor habitat associations in northwest Connecticut as determined from 4 scales of aerial photography. Raptor Research Foundation Annual Meeting, Minneapolis, Minnesota.

Chester, D. N.\*, T. Smith, D. Luukkonen, D. F. Stauffer, and J. D. Fraser. 1988. Habitat use by nonbreeding eagles in North Carolina. Raptor Research Foundation Annual Meeting, Minneapolis, Minnesota.

Smith, T. J., D. N. Chester\*, J. D. Fraser, and D. F. Stauffer. 1987. Effects of human activities on bald eagle distribution and abundance at Jordan Lake, North Carolina. Raptor Research Foundation Annual Meeting. Boise, Idaho.

Murray, J.\* D. F. Stauffer, and K. Titus. 1987. Nesting habitat relationships of goshawks, red-shouldered hawks, and barred owls in northwestern Connecticut. Raptor Research Foundation Annual Meeting, Boise, Idaho.

Garrison, B. A.\*, and D. F. Stauffer. 1986. Avian habitat use in thinned and unthinned Appalachian mixed-hardwood forests. Abstract of paper presented at the annual meeting of the Cooper Ornithological Society. Davis, CA.

Stauffer, D. F. 1982. Factors influencing drumming site selection by ruffed grouse in southeastern Idaho. Paper presented at the annual meeting of the Cooper Ornithological Society, April 1982. Logan, UT.

Stauffer, D. F., and L. B. Best. 1979. Analysis of nest-site and habitat selection by birds of riparian communities. Annual Meeting Ecological Society of America Stillwater, OK

### **Regional Contributed Papers (11):**

Garst\*, D.A., C.A. Haas, S. Prisley, and D.F. Stauffer. 2007. Landscape Level Prediction of Timber Rattlesnake basking habitat using GIS. Virginia State Chapter of The Wildlife Society, Staunton, VA.

Augliere\*\*, B., K. Sanford\*\*, and D. F. Stauffer. 2007. Habitat selection by American black bears in Western Virginia. Virginia State Chapter of The Wildlife Society, Staunton, VA. (presentation of undergraduate research project by Augliere and Sanford)

Morris, C. M\*, D. F. Stauffer, and M. J. Ratnaswamy. 2005. Building a predictive model of Delmarva Fox Squirrel Occurrence using infrared photomonitor. Paper presented at the Annual Meeting of the NE Section of The Wildlife Society. April, 2005, Virginia Beach, VA.

Devers, P. D., D. F. Stauffer, G. W. Norman, and D. E. Steffen. 2005. Ruffed grouse population ecology in the central and southern Appalachian region. Paper presented at the Annual Meeting of the NE Section of The Wildlife Society. April, 2005, Virginia Beach, VA.

Whitaker, D. M., D. F. Stauffer, G. W. Norman, and W. B. Chandler. 2004. Effect of prescribed burning of clearcuts on ruffed grouse brood habitat. Paper presented at the Annual Meeting of the

Southeastern Association of Fish and Wildlife Agencies. November, 2004, Hilton Head, SC.

Whitaker, D. M.\*, M. C. Reynolds\*, D. F. Stauffer, and T. M. Fearer\*. 2001. Straightforward ways to minimize error and increase confidence in wildlife radio tracking data. Annual Meeting of the Virginia Chapter of The Wildlife Society.

Banker, M.E.\* and D. F. Stauffer. 1994. Nutritional evaluation of winter white-tailed deer habitat quality at Quantico Marine Corps Base, Virginia. 17th Annual meeting of the Southeast Deer Study Group. Charlottesville, VA.

Romme, R. C., D. F. Stauffer, K. Tyrell, V. Brack, and J. W. Briede. 1994. A habitat suitability index model for summer habitat of the Indiana Bat (*Myotis sodalis*). Annual conference of the Midwestern Section of The Wildlife Society.

Tonkovich, M. J.\*, D. F. Stauffer, and G. A. Cline. 1992. Summer habitat relationships of nongame birds in Piedmont Virginia. Northeastern Section Meeting of The Wildlife Society, Virginia Beach, VA.

Cline, G. A.\*, D. F. Stauffer, and M. Tonkovich. 1988. Bobwhite quail utilization of dynamic farmland habitats. Northeast Fish and Wildlife Conference, Greenbrier, West Virginia.

Stauffer, D. F. 1983. Seasonal habitat relationships of ruffed and blue grouse in southeastern Idaho. Paper presented at the Northwest Section of The Wildlife Society, April 1983. Spokane, WA.

#### **Other presentations, papers and reports (46):**

##### **Other presentations (20):**

Stauffer, D.F. 2010. Grouse tales: the natural history and ecology of ruffed grouse. Invited presentation to the Master Naturalists, Blacksburg, VA. March 2010.

Stauffer, D.F. 2010. Response of wildlife to mine reclamation in Southwest Virginia. Invited presentation for the Blacksburg Rotary Club. February 2010.

Carrozzino\*, A, D. F. Stauffer, C.A. Haas. 2006. Evaluating Wildlife Response to Vegetation Restoration on Reclaimed Mine Lands in Southwestern Virginia. Poster presented at the Dean's Forum on Energy Security and Sustainability, Blacksburg, VA, October 2006.

Karpanty, S., J. D. Fraser, D. F. Stauffer. 2006. Impacts of Terrestrial and Coastal Wind Turbine Generators on Migratory and Resident Birds in the Eastern U.S. Poster presented at the Dean's Forum on Energy Security and Sustainability, Blacksburg, VA, October 2006.

Fearer\*, T. K., D. F. Stauffer, and S. Prisley. 2007. Evaluating population-habitat relationships of forest breeding birds at multiple scales using forest inventory and analysis data. Poster presented at the Dean's Forum on the Environment, Blacksburg, VA February 2007.

Stauffer, D. F. 2007. Biological conservation through wildlife habitat research. Poster presented at the Dean's Forum on the Environment, Blacksburg, VA February 2007.

Whitaker\*, D. M. and D. F. Stauffer. 2004. Ruffed grouse habitat ecology in the central and southern Appalachians. Regional Resource Manager's Meeting, Verona, VA. March 2004.

Devers\*, P, D. D. M. Whitaker, D. F. Stauffer, G. W. Norman and D. Steffen. 2004. Ruffed grouse population ecology in the Central Appalachian region. Regional Resource Manager's Meeting, Verona, VA. March 2004.

Stauffer, D. F. 2003. Kenyan Wildlife – issues and conservation. Talk given to the Student Chapter of The Wildlife Society, Virginia Tech.

- Whitaker\*, D.M., P. Devers\*, D. Stauffer, and G. Norman 2002. Ruffed grouse ecology and management in changing Appalachian forests. USDA Forest Service, George Washington National Forest Forest Leadership Team Meeting, Lexington, VA, November 21, 2002.
- Whitaker\*, D.M., P. Devers\*, D. Stauffer, and G. Norman 2002. Ruffed grouse ecology and management in changing Appalachian forests. Society of American Foresters, Blue Ridge Chapter, Staunton, VA, October 15, 2002.
- Stauffer, D. F. 1999. Habitat analysis and assessment: models, myths, muddles and magic. Invited paper presented to the Department of Animal Ecology, Iowa State University, Ames, Ia. April 1999.
- Stauffer, D. F., 1999. Elephant, habitat, and people interactions in the Amboseli Basin, Kenya. Invited paper presented to the Department of Animal Ecology Seminar Series, Iowa State University, Ames, Ia. April 1999.
- Stauffer, D. F. 1999. Musings on habitat analysis and modeling. Invited presentation for the Evolution and Ecology group, Department of Biology, Virginia Tech. April 1999.
- Stauffer, D. F. 1996. Wildlife habitat evaluation and modelling procedures. Invited paper presented to the Biodiversity Section of the Kenya Wildlife Service, Nairobi, Kenya. June 1996.
- Stauffer, D. F. 1996. Habitat as a basis for environmental assessment. Invited paper presented to staff and students at the Naivasha Wildlife and Fisheries Training Institute, Naivasha, Kenya. June 1996.
- Stauffer, D. F. 1993. The role of habitat assessment models in Conservation Biology. Invited paper presented at the international headquarters of The Nature Conservancy. October 1993.
- Stauffer, D. F. 1986. Blue and ruffed grouse habitat ecology in southeastern Idaho. Invited seminar presented to the Department of Animal Ecology, Iowa State University, Ames, Iowa.
- Stauffer, D. F. 1986. Effects of forest thinning on songbird communities. Invited seminar presented to the School of Forestry N.C. State University, Raleigh, North Carolina.
- Stauffer, D. F., J. R. Cline\*, and R. L. Kirkpatrick. 1986. Small game research at Virginia Tech. Invited presentation to the Game Division, Virginia Department of Game and Inland Fisheries, Wakefield, VA.
- Stauffer, D. F. 1987. Forest-wildlife research at Virginia Tech. Talk given to annual Interagency meeting of the U.S. Forest Service and Virginia Department of Game and Inland Fisheries, Wytheville, VA.
- Cline, G. A.\*, D. F. Stauffer, and M. Tonkovich\*. 1988. Halifax County small game study. Talk given at the Small Game Workshop, Richmond, VA.

**Other reports on scholarly work (34):**

- Fearer, T. K., D. F. Stauffer, and S. P. Prisley. 2007. Validating models relating landscape scale bird abundance to forest metrics. Final report to the U.S. Fish and Wildlife Service, Division of Bird Habitat Conservation, Grant VA-N381B.
- Fearer, T. K., D. F. Stauffer, and S. P. Prisley. 2007. Validating models relating forest breeding bird presence and abundance to forest and landscape metrics at multiple spatial scales. Final report to the National Council for Air and Stream improvement, Inc.



- Morris, C. M. and D. F. Stauffer. 2006. Building a predictive model of Delmarva Fox Squirrel (*Sciurus niger cinereus*) occurrence using infrared photomonitors. Final report to the U.S. Fish and Wildlife Service.
- Stauffer, D. F., G. W. Norman, J. Sole, W. K. Igo, T. J. Allen, S. Bittner, J. Edwards, R. L. Kirkpatrick, W. M. Giuliano, R. Tefft, D. Figert, C. Harper, D. Buehler, M. Seamster, and D. Swanson. 2004. Ruffed grouse ecology and management in the Appalachian region. Final Report of the Appalachian Cooperative Grouse Research Project.
- Whitaker\*, D. M. and D. F. Stauffer. 2004. Effect of prescribed burning of clearcuts on habitat suitability for Ruffed Grouse. Final report submitted to the US Forest Service.
- Whitaker, D. M. and D. F. Stauffer. 2004. A range-wide meta-analysis of wild turkey breeding phenology. Final Report to the NE Wild Turkey Committee.
- Whitaker\*, D. M. and D. F. Stauffer. 2003. Ruffed grouse (*Bonasa umbellus*) habitat ecology in the central and southern Appalachians. Final report to the Virginia Department of Game and Inland Fisheries
- Bumann\*, G. B. and D. F. Stauffer. 2002. Factors influencing predation on ruffed grouse in the Appalachians. Report to the Virginia Department of Game and Inland Fisheries.
- Williams, J. M.\*, and D. F. Stauffer. 2000. Small mammal demography and habitat associations in 4 forest cover types on Quantico Marine Corps Base, Virginia. Report to the Natural Resources and Environmental Affairs Branch, Quantico Marine Corps Base. 207pp.
- Reynolds, M. C.\*, D. F. Stauffer, R. L. Kirkpatrick and G. W. Norman. 2000. Appalachian Cooperative Grouse Research Project Report: A summary of findings from Phase I of the of the Research Project 1996-1999. 13pp
- Fearer, T. M.\*, D. F. Stauffer, and R. L. Kirkpatrick. 1999. Relationship of ruffed grouse home range size and movement to landscape characteristics in Southwestern Virginia. Report to Virginia Department of Game and Inland Fisheries. May 1999. 96 pp.
- Haulton, G. S.\*, R. L. Kirkpatrick, and D. F. Stauffer. 1999. Ruffed grouse natality, chick survival, and brood micro-habitat selection in the southern Appalachians. Report to Virginia Department of Game and Inland Fisheries. June 1999.
- Stauffer, D. F., K. J. Hartmann, and T. K. Pauley. 1999. Habitat suitability index models for headwater streams in West Virginia. Report to Arch Coal, Inc. and the West Virginia Department of Natural Resources and Department of Environmental Protection. May 1999. 31pp.
- Esikuri, E. E.\*, and D. F. Stauffer. 1998. Spatio-temporal effects of land use changes in savanna wildlife areas of Kenya. Final report to World Wildlife Fund and the Rockefeller Foundation. 142pp.
- Farmer, A, B. Cade, and D. F. Stauffer. 1997. A habitat suitability index model for the Indiana Bat (*Myotis sodalis*) USGS Report. 14pp.
- Penhollow, M. E.\* and D. F. Stauffer. 1996. Large-scale habitat relationships of neotropical migratory birds. Final Report to USGS and Quantico Marine Corps Base, Natural Resources Program. 132 pp.
- Tonkovich, M. J.\*, and D. F. Stauffer. 1995. Field evaluation of the Northern Bobwhite habitat suitability index model with implications for the conservation reserve program. Final report to Midcontinent Ecological Service Center, National Biological Service. 217pp.
- Kerpez, T. A.\*, and D. F. Stauffer. 1994. Effects of group selection clearcut openings on wildlife in Appalachian Hardwood Forests. Final report to U.S. Forest Service, Jefferson National Forest. 109 pp.

- Banker, M. E\*, and D. F. Stauffer. 1994. Modeling white-tailed deer habitat quality and vegetation response to succession and management. Final report to National Ecology Research Center, National Biological Service. 148pp.
- Bittner, L. A., and D. F. Stauffer. 1992. Wetland evaluation procedures: an assessment and recommendations. Final report to the U.S. Fish and Wildlife Service, National Ecology Research Center. 98pp.
- Bruleigh, R. and D. F. Stauffer. 1992. Final report: Phase I of the bottomland hardwood model investigation. Final report to U. S. Fish and Wildlife Service, National Ecology Research Center. 22pp.
- Murray, N. L. \*, and D. F. Stauffer. 1992. Habitat use by nongame birds in central Appalachian riparian forests. Final report to U.S. ForestService, Jefferson National Forest. 139pp.
- Stauffer, D. F., T. Kerpez\*, N. Murray\*, and L. Serlin\*. 1991. Effects of forest management of songbirds in the southern Appalachians. Report to the U. S. Forest Service, Jefferson National Forest. 20pp.
- Stauffer, D. F. 1990. Evaluation of an HSI model for white-tailed deer in the coastal plain. Final report to U. S. Fish and Wildlife Service, National Ecology Research Center.46pp.
- Tonkovich, M.A.\*, and D. F. Stauffer. 1989. Nongame bird habitat use in relation to agricultural land use in Virginia. Report to Virginia Dep. of Game and Inland Fisheries. 111pp.
- Luukkonen, D. R., T. J. Smith, D. N. Chester\*, J. D. Fraser, and D. F. Stauffer. 1988. Ecology, habitat, and management of bald eagles at B. Everett Jordan Lake and Falls Lake, North Carolina. Report to the U.S. Army Corps of Engineers. 235pp.
- Kerpez, T. A.\*, and D. F. Stauffer. 1988. The effects of group selection cuts and clearcuts on wildlife. Report to USDA Forest Service, Region 8. 14pp.
- Stauffer, D. F. 1988. Field evaluation of an HSI model for white-tailed deer in the Coastal Plain. Report to US Fish and Wildlife Service, National Ecology Center. 24pp.
- Stauffer, D. F., and M. Tonkovich\*. 1988. Nongame bird habitat use in relation to agricultural land use in Virginia. Report to Virginia Dep. of Game and Inland Fisheries. 8pp.
- Stauffer, D. F., and J. A. Cline.\* 1988. Small game habitat use in relation to agricultural land use in Virginia. Report to Virginia Dep. of Game and Inland Fisheries. 99pp.
- Timothy, K. G.\*, and D. F. Stauffer. 1987. Reliability of avifaunal information in a computerized fish and wildlife information system. Report to Virginia Department of Game and Inland Fisheries. 20pp.
- Best, L. B., D. F. Stauffer, A. R. Geier, K. L. Varland, J. P. Vogler, R. B. Dahlgren, and R. Q. Landers. 1982. Effects of habitat alterations on riparian plant and animal communities in Iowa. U.S. Fish and Wildl. Serv. Rep. FWS/OBS-81/26. 55pp.
- Stauffer, D. F., and S. R. Peterson. 1982. Seasonal habitat selection by ruffed and blue grouse in southeastern Idaho. Report to USDA Forest Service. 138pp.
- Stauffer, D. F., L. A. Kronemann, and E. O. Garton. 1979. Terrestrial wildlife habitat inventory of BLM lands in west-central Idaho. Report to the Bureau of Land Management. 262pp.

### **Reviews (2):**

- Stauffer, D. F. 1989 Forest bird communities of the Hawaiian Islands. (Book Review) J. Wildl. Manage. 53:860-861.

Stauffer, D. F. 1985. The interpretation of ecological data: a primer on classification and ordination. (Book Review) *Trans. Am. Fish. Soc.* 114:916-917.

**SPONSORED RESEARCH GRANTS**

Total amount of research funding: \$3,321,954

<b>TITLE</b>	<b>PI</b>	<b>DURATION</b>	<b>SPONSOR</b>	<b>AMOUNT</b>
Potential of reclaimed mine land habitat to support northern bobwhite – a pilot study	Dean F. Stauffer (100%)	5/10 – 3/11	VA Dept. of Game & Inland Fisheries	\$10,951
MEASURES Biodiversity tool: Biodiversity 1.0	V. Thomas (40%), D. Stauffer(15%), R. Wynne(15%), S. Klopfer (15%) & C. Blinn(15%)	6/10 – 8/12	VA Dept of Forestry VA Dept of Game & Inland Fisheries	\$196,382
Evaluating avian breeding success on reclaimed mine lands: comparing traditional and hardwood reclamation	Dean F. Stauffer (100%)	7/09 – 6/12	Powell River Project	\$90,133
Evaluating wildlife response to reclaimed mine lands in southwestern Virginia	Dean F. Stauffer (60%) and C.A. Haas (40%)	7/06-6/08	Powell River Project	\$98,034
Validation and Assessment of Models Relating Forest Breeding Bird Presence, Abundance and Diversity to Forest Metrics at a Landscape Scale	Dean F. Stauffer (60%) and S. Prisley (40%)	7/06 – 8/07	National Council for Air and Stream Improvement (NCASI)	\$60,000
Validating Models Relating Landscape Scale Bird Abundance to Forest Metrics	D.F. Stauffer- Proposal written by PhD student Todd Fearer	7/06 – 7/07	US Fish and Wildlife Service	\$21,924
Hunting and Environmental Effects on Gobbler Survival and Gobbling in Virginia and West Virginia	Dean F. Stauffer (100%)	9/05 – 8/07	National Wild Turkey Federation	\$63,363
Ecology and management of ruffed grouse in the Appalachians	Dean F. Stauffer (100%)	9/04-12/05	West Virginia University	\$54,000
Evaluating population-habitat relationships of forest breeding birds at a landscape scale using forest inventory and analysis data	S.P. Prisley (50%) D.F. Stauffer (50%)	1/03 – 12/04	National Council for Air and Stream Improvement (NCASI)	\$83,499
Developing models to evaluate Delmarva Fox	D. F. Stauffer (100%)	8/03 – 12/04	US Fish and Wildlife Service	\$20,000

Squirrel habitat					
Delmarva Fox Squirrel habitat analysis using remotely-sensed data	D.F. Stauffer (100%)	8/03 – 9/04	US Fish and Wildlife Service	\$9,999	
Ecology of ruffed grouse in Virginia: populations, habitat and hunting – Phase II	D.F. Stauffer (100%)	7/00 – 6/03	Virginia Dept. of Game and Inland Fisheries	\$329,880	
Modeling biodiversity response to land-use practices	D. F. Stauffer (100%)	10/96-9/01	USGS/ Quantico Marine Corps Base	\$147,927	
Supplemental Support for the ACGRP – 4 grants	D. F. Stauffer (100%)	9/98-12/03	Mellon Foundation/ West Virginia Univ.	\$65,800	
Travel support for Dr. Bob Wishitemi	Dean F. Stauffer (100%)	4/98-9/98	Rockefeller Foundation	\$4,316	
Population and habitat ecology of ruffed grouse in Virginia	D.F. Stauffer (75%), R.L. Kirkpatrick (25%)	10/95-12/00	Virginia Dept. Game and Inland Fisheries	\$563,202	
Ruffed grouse habitat use in relation to site preparation on National Forest Lands	D. F. Stauffer (100%)	10/97-9/99	US Forest Service	\$50,000	
Population dynamics of ruffed grouse in oak and northern hardwood forests of the Mid-Atlantic Region	D. F. Stauffer (100%)	5/97 - 12/00	US Fish and Wildlife Service	\$40,000	
Travel grant for Kenya field work	D.F. Stauffer (100%)	6/96-9/96	Rockefeller Foundation	\$3,274	
Modelling land use changes in savanna wildlife areas in Kenya	D. F. Stauffer (100%)	6/95 - 12/98	World Wildlife Fund	\$12,000	
Spatio-temporal effects of land use changes in a savanna wildlife area of Kenya	D. F. Stauffer (100%)	11/95-8/97	The Rockefeller Foundation	\$19,960	
Post-breeding dispersal of wood thrush	D.F. Stauffer (20%), C. A. Haas (80%)	10/93-9/95	Smithsonian Institution	\$17,000	
Modeling wildlife and vegetation response to habitat manipulations	D.F. Stauffer (100%)	7/91-9/96	National Biological Service (initially USFWS)	\$275,338	
Study-Research Leave: modeling wildlife habitat	D.F. Stauffer (100%)	7/90-6/91	US Fish and Wildlife Service	\$24,327	
Monitoring avian communities of riparian forests in SW Virginia	D. F. Stauffer (100%)	10/89-9/92	US Forest Service	\$18,000	

Effects of forest management on songbirds in the southern Appalachians	D.F. Stauffer (100%)	10/89-9/92	US Forest Service	\$20,000
Modeling the effects of the Conservation Reserve Program on bobwhite quail habitat	D.F. Stauffer (100%)	10/88-9/93	US Fish and Wildlife Service	\$181,087
Effects of the Conservation Reserve Program on bobwhite quail habitat	D.F. Stauffer (100%)	9/88-8/93	Virginia Department of Game and Inland Fisheries	\$50,100
Variations in and accuracy of habitat use of red-shouldered hawks as determined by radio-telemetry	D.F. Stauffer (100%)	3/88-5/90	US Fish and Wildlife Service	\$31,036
The effects of group selection cuts and clearcuts on forest wildlife	D.F. Stauffer (100%)	10/87-6/90	US Forest Service	\$24,000
Modeling forest-wildlife habitat relationships for monitoring, management and assessment	D.F. Stauffer (100%)	10/87-10/88	US Forest Service	\$ 8,000
Field evaluation of an HSI model for white-tailed deer in the coastal plain	D.F. Stauffer (100%)	9/87-7/89	US Fish and Wildlife Service	\$40,000
Small game habitat and agricultural land use in Virginia	D.F. Stauffer (100%)	7/86-6/88	Virginia Department of Game and Inland Fisheries	\$31,500
Nongame bird habitat use in relation to agricultural land use in Virginia	D.F. Stauffer (100%)	7/86-6/89	Virginia Department of Game and Inland Fisheries	\$40,000
Ecology, habitat, and management of the Jordan Lake-Falls Lake bald eagles	D.F. Stauffer (50%), J.D. Fraser (50%)	5/86-6/88	US Army Corps of Engineers	\$239,245
Development and application of techniques for monitoring migratory birds and their habitat	D.F. Stauffer (20%), M.R. Vaughan (80%)	7/85-9/89	US Fish and Wildlife Service	\$347,897
Nutritional Ecology of the High Knob deer population	D.F. Stauffer (10%), R.L. Kirkpatrick (90%)	8/85-9/87	Virginia Department of Game and Inland Fisheries	\$29,780

---

## **Editorships**

In 2010-2011 I served as a special associate editor for a Journal of Forestry special section related to pedagogy in natural resources. I was responsible for the processing of four manuscripts that appeared in this special section.

I served as an Associate Editor for the Wildlife Society Bulletin from 1989-1992, with responsibility for approximately 130 manuscripts during that period.

## **International research collaborations**

Collaborated with Dr. Bob Wishitemi of Moi University, Eldoret, Kenya and the Kenya Wildlife Service (KWS) during field work on elephants, 1995-1997. The KWS provided logistical support to help collect data.

I am an Adjunct Professor in the Facultad de Zootecnia at the University of Chihuahua and served on the committee of a PhD student within the program.

I had one student from Mexico who studied habitat relationships of golden eagles at a landscape scale, who graduated in 2012. I also had student from Taiwan who is studied the relationship between bird communities and fragmentation and elevation gradients; she graduated in 2013.

## **Outreach and Professional Accomplishments**

### **Outreach**

#### Specific outreach responsibilities:

I do not have an official appointment for extension. However, I have been involved in continuing education as public service as noted below.

### **Professional achievements in program development and implementation:**

#### **Habitat Evaluation Procedures Workshops**

In 1991, I was invited to become an instructor in the week-long Habitat Evaluation Procedures (HEP) workshops sponsored by the US Fish and Wildlife Service, through Colorado State University. In 1995, I was responsible for bringing the training contract with the US Fish and Wildlife Service (since changed to the US Geological Survey) to the Continuing Education program at Virginia Tech. Since January 1996, all national HEP training has been conducted under the auspices of Virginia Tech. I have been involved in teaching HEP workshops at the following places and times (26 workshops total). These workshops generated approximately \$40,000 for Virginia Tech.

- 1991 - Harrisburg, PA
- 1992 – Jacksonville, FL; Sacramento, CA
- 1993 – Chandler, AZ; Williamsburg, VA; Carlsbad, CA
- 1994 - Corpus Christi, TX;
- 1995 - Phoenix, AZ; Blacksburg, VA;
- 1996 – Tucson, AZ; Annapolis, MD; Las Vegas, NV
- 1997 – Salt Lake City, UT; Nitro, WV; Naivasha, Kenya (Kenya Wildlife & Fisheries Training Institute)
- 1998 – Blacksburg, VA
- 1999 – Blacksburg, VA; Winnipeg, Manitoba; Fort Collins, CO
- 2001 – State College, PA
- 2002 – Falls Church, VA; Sacramento, CA
- 2003 – Syracuse, NY
- 2004 – Falls Church, VA
- 2005 – Sacramento, CA, Minneapolis, MN

Since 1987 I have presented 8, 4-hour modules on habitat evaluation and modeling, and on population monitoring at workshops developed for U.S. Forest Service Biologists and taught on the Virginia Tech campus.

### **Consulting activities:**

I have been requested to work with several firms in the capacity as an advisor to Habitat Evaluation Procedure (HEP) application to various proposed development projects, such as airport extensions, reservoirs, roads, and mountain-top mining. I have worked with the following groups at their request on HEP applications:

US Fish and Wildlife Service	US Natural Resource Conservation Service
US Army Corps of Engineers	Malcom Pirnie, Inc.
Maguire Associates, Inc.	Metcalf & Eddy, Inc.
3-D Environmental Consulting	Arch Coal, Inc.
Dames & Moore, Inc.	WV Department of Environmental Protection
Richard Baker, Jr., Inc.	

At the request of some of the above organizations, I have also developed Habitat Suitability Index (HSI) models for the following species: Prothonotary Warbler, Dismal Swamp Southeastern Shrew, Ovenbird, Scarlet Tanager, Upland Sandpiper, Grasshopper Sparrow, Pine-Barrens Tree Frog, Indiana Bat, Seal Salamander, and Benthic Invertebrates. All of these models have been used in the field in HEP applications in the development of Environmental Impact Statements.

### **International Outreach Activities**

I studied people-habitat-elephant interactions in Kenya I have been able to establish ties with Kenyan resource agencies. During this work I visited Kenya twice. The first time, in 1996, I presented several seminars to the Kenya Wildlife Service. These talks resulted in an invitation to return to conduct a HEP workshop. In 1997 I and a colleague presented a 2-week workshop on habitat evaluation to 25 KWS personnel at the Naivasha Wildlife and Fisheries Training Center in Kenya.

In June 2000 I presented a week-long shortcourse in wildlife habitat and population analysis for the Department of Wildlife at the University of Chihuahua, Chihuahua, Mexico. This class was well received by about 25 students. I have returned to Chihuahua at least annually since the first visit. I have received an appointment as the equivalent of an Adjunct Professor. We have developed a series of three modules that are taught in a rotating basis, and available for credit to students at the university. The topics of the one-week modules are: Habitat Assessment; Population Estimation; and Population management.

Through the workshops in Chihuahua, I have established contacts within Comisión Nacional de Áreas Naturales Protegidas (CONANP), the primary conservation organization in Mexico that has responsibility for management of all the national parks in the country. We currently are developing a series of workshops in conjunction with CONANP to develop a habitat and population monitoring program that will be applied to parks and reserves across Mexico.

### **Professional and University Service**

#### Service as an officer of an academic or professional association

Member, TWS Ad-hoc Collegiate Wildlife Programs review 2008  
 Program committee & Chair for roundtable and panel discussions, 2008 National Wildlife Society meeting, 2007-2008  
 Chair, College & University Education Working Group, The Wildlife Society 1999-2001  
 Chair-elect, College & University Education Working Group of TWS, 2016-2018  
 President, Virginia Chapter of The Wildlife Society, 1990  
 Chair, Conservation Affairs Committee, Virginia Chapter, The Wildlife Society 1990-1992



Secretary-Treasurer, Ethnic and Gender Diversity Working Group of The Wildlife Society, 2009-2016

Other service to my profession

Member – Honorary Membership and Special Recognition Awards Committee, The Wildlife Society

Charter Member, TWS Ethnic & Gender Diversity Working Group, 2007-present.

Program Committee, 3<sup>rd</sup> International Wildlife Management Congress

International Working Group of The Wildlife Society, 1997 - present

Biometrics Working Group of The Wildlife Society, 2001 - present

Forest-Wildlife Committee, SE Section of The Wildlife Society, 1985 - present

Farm Wildlife Committee, SE Section of The Wildlife Society, 1987 - present.

Publication Awards Committee, SE Section, The Wildlife Society, 1984-1987, Chair 1987-1989.

Meetings, panel, workshops, etc. led or organized

Co-chair for a national conference: The future of diversity in our disciplines and careers: Natural Resources and the Environment. June 2013. Blacksburg, VA.

Organized a symposium for the 2003 Annual Wildlife Society Meeting with the theme of “Educational competencies for wildlife students in the 21<sup>st</sup> Century.”

I organized a 4-hour symposium on Biometrics Education for graduate and Undergraduate students at the 2000 Annual Wildlife Society meeting in Nashville, TN.

Organized and led a 4-hour workshop at the 1999 Wildlife Society annual meeting titled: “Excellence in Wildlife Education: an exchange of Ideas”

Organized and chaired a symposium: “Wildlife Habitat Assessment, Modeling and Monitoring: Progress and Needs” at the 1994 Wildlife Society annual meeting.

Assisted in organizing the Society for Conservation Biology’s annual meeting, 1992

Co-Chair, Raptor Research Foundation International Meeting, 1984

Manuscripts and Grant Proposals Reviewed

I average 5-6 manuscript reviews each year and have reviewed manuscripts for the following Journals and organizations:

Wilson Bulletin  
 The Condor  
 Forest Science  
 Forest Ecology and Management  
 Virginia Journal of Science  
 Great Basin Naturalist  
 Pennsylvania Academy of Sciences  
 Ecology  
 Southern Journal of Applied Forestry  
 U.S. Forest Service, Redwoods Science Lab  
 National Biological Service/ Office of Information Transfer  
 Proceedings of the Southeastern Wildlife and Fish Agencies  
 Journal of Wildlife Management  
 Wildlife Society Bulletin  
 Wildlife Monographs  
 International Bear Conference  
 Fisheries  
 1<sup>st</sup> International Wildlife Management Congress

2<sup>nd</sup> International Wildlife Management Congress  
 Massachusetts Agricultural Experiment Station  
 The Wildlife Society – review of chapters for the Wildlife Techniques Manual

I have also reviewed grant proposals for the National Science Foundation and National Research Institute.

### **Department, College, and University Service**

#### **Departmental:**

Associate Department Head for Undergraduate Affairs, 2017-present  
 Faculty Senate representative, 2015-2018  
 Faculty Search Committee, 2004  
 Chair, Wildlife Faculty Search Committee (2000-2001)  
 Curriculum Committee (2004-2010)  
 Chair, Peer Review of Dr. Tammy Newcomb's teaching of FiW 2114 (2000)  
 Chair, Undergraduate Affairs Committee (1998-2003)  
 Wildlife Section Coordinator (1991- 1995)  
 Co-Chair, Graduate Affairs Committee (1991-1995)  
 Promotion and Tenure Committee (1994,1995,1998, 2005, 2006(chair), 2008, 2015-2018 (Chair 2017))  
 Chair, AB Massey Award Committee(1991-1995)  
 PhD Diagnostic Exam Committee (1984 & 1985)  
 Advisor, Student Chapter of The Wildlife Society (1985-1987, 1992-1996, 1998-2001)

#### **College:**

Chair, Committee for 1-year review of Dr. Eric Hallerman, Head, Fisheries and Wildlife Sciences  
 College Diversity Committee (2006-2010, Chair 2006-7)  
 Committee for 5-year review Dr. Paul Winistorfer, Head, Wood Science (2006)  
 Committee to Review Dr. Oderwald (2003)  
 Student Policy and Affairs Committee (2001-2004, 2005-2010, Chair 2007-8, ad hoc as Associate Dean, 2010 – 2015, 2015-2018)  
 Chair, Search Committee for the Associate Dean of Undergraduate Programs (2000-2001)  
 Chair, Research, Extension, and International Affairs Committee (2000-2001)  
 Forestry Department Head Review Committee (2000)  
 Review Committee for Dean Brown (1998)  
 Promotion and Tenure Committee (1994, 1995, 1998, 2004, 2005, 2009, 2015)  
 Search Committee for Academic Affairs Counselor (1995)  
 Computer committee, (run accounts when Dr. Oderwald is not available, 1984 - 1995)  
 Student Policy and Affairs Committee (1993-4, 1996-1999)  
 Space Committee (1995)  
 Review Committee for Dean Smith (1995-1996)  
 Undergraduate Studies and Affairs Committee (1987-1990)  
 Center for Quantitative Studies Advisory Committee (1988-1993)  
 A.B. Massey Award Committee (1986 & 1988)

#### **University:**

W.E. Wine Teaching Award selection committee, 2018, Chair 2019  
 Alumni Teaching Award selection committee, 2018  
 University Council, 2016 - 2018  
 Commission on Undergraduate Studies and Policies (2010-2015 as Associate Dean, Chair 2016-17 and 2017-18 as Faculty Senate representative)

CNR representative to International Faculty Development Program, 2007  
Commencement Committee (2002 – 2010)  
Undergraduate Honor System Advisor (1998 - 2004)  
Core Curriculum Committee (1996-1997)  
Commission on Graduate Studies and Affairs (1993 - 1996)  
    Chair, Graduate Student Affairs Committee (1994-1995)  
    Chair, Committee on Degree Requirements, Student  
    Criteria, and Academic Policies (1995-1996)  
    Course and Program Committee (1993-1995)  
    Graduate Catalog Committee (1994-1995)  
    Graduate Research Policies and Programs (1994-1995)  
Graduate Honor Court Appeals Board (1995-1996)  
Selection Committee for Alumni Advising Award (1995)  
Biological Sciences Initiative Committee (1995 - 1999)

**6. Service to Students:**

Faculty Advisor to the student chapter of The Wildlife Society, 1985-  
1987, 1992-1996, 1998-2001  
Faculty Advisor to the Latter Day Saint Student Association, 1992-1995, 2008-2011.