

W. David Walter

Assistant Unit Leader and Adjunct Associate Professor of Wildlife Ecology
Pennsylvania Cooperative Fish & Wildlife Research Unit, USGS
The Pennsylvania State University
Department of Ecosystem Science & Management
University Park, PA 16802

wdw12@psu.edu
Ph: 814-867-4763
Fax: 814-863-4710
<http://ecosystems.psu.edu/directory/wdw12>

EDUCATION

B.Sc. 1995. Wildlife Biology, State University of New York - College of Environmental Science and Forestry

M.Sc. 2000. Wildlife Ecology, University of New Hampshire

Walter, W.D. 2000. A field test of the PZP immunocontraceptive vaccine on a population of white-tailed deer (*Odocoileus virginianus*) in suburban Connecticut. Thesis, University of New Hampshire, Durham, New Hampshire. 75 pp.

PhD. 2006. Conservation Science - Wildlife Ecology, Oklahoma State University

Walter, W.D. 2006. Ecology of a colonizing population of Rocky Mountain elk (*Cervus elaphus*). Dissertation, Oklahoma State University, Stillwater, Oklahoma. 151 pp.

POSITIONS HELD

- Assistant Unit Leader, PA Cooperative Fish & Wildlife Research Unit, U.S. Geological Survey 2011 – Present
- From: 2009 To: 2011 Post-doctoral researcher, National Wildlife Research Center, USDA/APHIS/WS, Fort Collins, Colorado and the University of Nebraska, Lincoln
- From: 2008 To: 2009 Post-doctoral researcher, Colorado State University, Fort Collins, Colorado
- From: 2007 To: 2008 Post-doctoral researcher, National Wildlife Research Center, USDA/APHIS/WS, Fort Collins, Colorado and the University of Nebraska, Lincoln
- From: 2006 To: 2007 Research Associate, Oklahoma State University, Stillwater, Oklahoma
- From: 2001 To: 2006 PhD Graduate Assistant, Oklahoma State University, Stillwater, Oklahoma
- From: 2000 To: 2001 Wildlife Researcher, Connecticut Department of Environmental Protection-Wildlife Division, North Franklin, Connecticut

PUBLICATIONS (* = graduate student/post-doctoral researcher, † = indicates Open Access)

2024

77. Diefenbach, D. R., M. J. Cherry, S. D. Cote, R. W. DeYoung, S. A. Gallina Tessaro, B. R. Patterson, and **W.D. Walter**. 2024. Chapter 49. White-tailed Deer *Odocoileus virginianus* (Zimmerman 1780). In M. Mellotti and , Eds. Deer of the World. Springer *In press*.
76. Atmeh, K., C. Bonenfant, J. Gaillard, M. Garel, A. J. M. Hewison, P. Marchand, N. Morellet, P. Anderwald, B. Buuveibaatar, J. L. Beck, M. S. Becker, F. M. van Beest, J. Berg, U. A. Bergvall, R. B. Boone, M. S. Boyce, S. Chamaillé-Jammes, Y. Chaval, C. Buyanaa, D. Christianson, S. Ciuti, S. D. Côté, D. R. Diefenbach, Egil Droge, J. T. du Toit, S. Dwinell, J. Fennessy, F. Filli, D. Fortin, E. E. Hart, M. Hayes, M. Hebblewhite, M. Heim, I. Herfindal, M. Heurich, C. von Hoerman, K. Huggler, C. Jackson, A. F. Jakes, P. F. Jones, P. Kaczensky, M. Kauffman, P. Kjellander, T. LaSharr, L. Egil Loe, R. May, P. McLoughlin, E. L. Meisingset, E. Merrill, K. L. Monteith, T. Mueller, A. Myrsterud, D. Nandintsetseg, K. Olson, J. Payne, S. Pearson, Å. Ø. Pedersen, D. Ranglack, A. K. Reinking, T. Rempfler, C. G. Rice, E. Røskaft, B. Sæther, S. Saïd, H. Santacreu, N. M. Schmidt, D. Smit, J. A. Stabach, M. St-Laurent, J. Taillon, **W. D. Walter**, K. White, G. Péron, A. Loison. 2024. Neonatal antipredator tactics shape female movement patterns in large herbivores. *Nature in Ecology and Evolution*. *In press*.
75. *Corondi, A.M, J.D. Brown, J.E. Banfield, and **W.D. Walter**. 2024. Comparison of butorphanol-azaperone-medetomidine and nalbuphine-medetomidine-azaperone in free-ranging elk (*Cervus canadensis*) in Pennsylvania. *Journal of Wildlife Diseases*. *In press*;

74. †Bondo, K.J., C.S. Rosenberry, D. Stainbrook, **W.D. Walter**. 2024. Comparing risk of chronic wasting disease occurrence using Bayesian hierarchical spatial models and different surveillance types. *Ecological Modeling* 493:110756 [10.1016/j.ecolmodel.2024.110756](https://doi.org/10.1016/j.ecolmodel.2024.110756).
73. †**Walter, W.D.**, A. Fameli, K. Russo-Petrack, J.E. Edson, C.S. Rosenberry, K.L. Schuler, M.J. Tonkovich. Large-scale assessment of genetic structure to assess risk of populations of a large herbivore to chronic wasting disease. *Ecology and Evolution* 14, e11347 [10.1002/ece3.11347](https://doi.org/10.1002/ece3.11347).
72. †Pearce, D.L., J.E. Edson, C.S. Jennelle, and **W.D. Walter**. 2024. Evaluation of DNA yield from various tissue and sampling sources for use in single nucleotide polymorphism panels. *Scientific Reports* 14, 11340; [10.1038/s41598-024-56128-9](https://doi.org/10.1038/s41598-024-56128-9).
71. Schwabenlander, M.D., J.C. Bartz, M. Carstensen, A. Fameli, L. Glaser, R.J. Larsen, M. Li, L.L. Lindsey, J.D. Oliver, R. Shoemaker, G. Rowden, S. Stone, **W.D. Walter**, T.M. Wolf, P.A. Larsen. 2024. Prion forensics: a multidisciplinary approach to investigate CWD at an illegal deer carcass disposal site. *Prion*, 18(1):72-86; DOI: [10.1080/19336896.2024.2343298](https://doi.org/10.1080/19336896.2024.2343298)
70. †**Walter, W.D.**, B. Hanley, C.E. Them, C. Mitchell, J. D. Kelly, D. Grove, N. Hollingshead, R.C. Abbott, and K. Schuler. 2024. Predicting the odds of chronic wasting disease with the Habitat Risk Software. *Spatial and Spatio-Temporal Epidemiology* 49:100650.

2023

69. *†Bondo, K.J., *D. Montecino-Latorre, L. Williams, M. Helwig, K. Duren, M. Hutchinson, and **W.D. Walter**. 2023. Spatial Modeling of two mosquito vectors of West Nile virus using integrated nested Laplace approximations. *Ecosphere* 14(1):e4346
68. Gundermann, K. P., D. R. Diefenbach, **W.D. Walter**, A. M. Corondi, J. E. Banfield, B. D. Wallingford, D. P. Stainbrook, C. S. Rosenberry, and F. E. Buderman. 2023. Change-point models for identifying behavioral transitions in wild animals. *Movement Ecology* 11, [65](https://doi.org/10.1007/s10244-023-0065-5).

2022

67. Niedringhaus, K.D, L.S. Ganoe, M. Lovallo, **W.D. Walter**, M.J. Yabsley, and J.D. Brown. 2022. Fatal infection with *Versteria* sp. in a muskrat, with implications for human health. *Journal of Veterinary Diagnostic Investigation* 34(2):314–318.
66. *Khoury, R.M, D.C. Wagner, and **W. D. Walter**. 2022. Efficacy of secondary electric fences at preventing direct contact among white-tailed deer. *Wildlife Society Bulletin* 46:e1350.
65. Jennelle, C.S., **W.D. Walter**, J. Crawford, C.S. Rosenberry, B.D. Wallingford. 2022. Movement of white-tailed deer in contrasting landscapes influences management of chronic wasting disease. *Journal of Wildlife Management* 86:e22306.
64. *Fameli, A, J. Edson, J.E. Banfield, C.S. Rosenberry, and **W.D. Walter**. 2022. Variability in prion protein genotypes by spatial unit to inform susceptibility to chronic wasting disease. *Prion* 16(1):254-264.

2021

63. *Ganoe, L.S., M.J. Lovallo, J.D. Brown, and **W.D. Walter**. 2021. Ecology of an isolated muskrat population during regional population declines. *Northeastern Naturalist* 28(1):49–64.
62. *Edson, J., J. Brown, W.M. Miller, **W.D. Walter**. 2021. Comparison of sample types from white-tailed deer (*Odocoileus virginianus*) for DNA extraction and analyses. *Scientific Reports* 11, [10003](https://doi.org/10.1038/s41598-021-00003-5).
61. *Bauder, J.M., C.S. Anderson, H.L. Gibbs, M.J. Tonkovich, and **W.D. Walter**. 2021. Landscape features fail to explain spatial genetic structure in white-tailed deer across Ohio, USA. *Journal of Wildlife Management* 85(8):1669–1684.
60. *Ganoe, L.S., J.D. Brown, M.J. Lovallo, M.J. Yabsley, K.B. Garrett, A.T. Thompson, R.H. Poppenga, M.G. Ruder, and **W.D. Walter**. 2021. Surveillance for diseases, pathogens, and toxicants of muskrat (*Ondatra zibethicus*) in Pennsylvania and surrounding regions. *PlosONE* 16(12):e0260987.

2020

59. *†Miller, W.L. and **W.D. Walter**. 2020. Can genetic assignment tests provide insight on the influence of captive egression on the epizootiology of chronic wasting disease? *Evolutionary Applications*. 13:[715–726](#).
58. *†Miller, W.M., C.M. Miller-Butterworth, D.R. Diefenbach, and **W.D. Walter**. 2020. Assessment of spatial genetic structure to identify populations at risk for infection of an emerging epizootic disease. *Ecology and Evolution* 10(9):[3977–3990](#).
57. *†Ganoe, L.S., J.D. Brown, M.J. Yabsley, M.J. Lovallo, and **W.D. Walter**. 2020. A review of pathogens, diseases, and contaminants of muskrats (*Ondatra zibethicus*) in North America. *Frontiers in Veterinary Science* 7:[233](#).
56. †Ensminger, D.C., C. Pritchard, T. Langkilde, T. Gingery, J.E. Banfield, and **W.D. Walter**. 2020. The influence of hunting pressure and ecological factors on fecal glucocorticoid metabolites in wild elk. *Wildlife Biology* [2020\(2\)](#).
55. *Ahrestani, F.S, M.A. Ternent, M.J. Lovallo, and **W.D. Walter**. 2020. Resource use by American black bears in suburbia: a landholder step selection approach. *Human-Wildlife Interactions* 14(2):[11](#).

2019

54. †Amor, J.M., R. Newman, W.F. Jensen, B.C. Rundquist, **W.D. Walter**, and J.R. Boulanger. 2019. Seasonal home ranges and habitat selection of three elk herds in North Dakota. *PlosONE* 14(2):[0211650](#).
53. *†Miller, W.L. and **W.D. Walter**. 2019. Spatial heterogeneity of prion gene polymorphisms in an area recently infected by chronic wasting disease. *Prion* 13(1):[65–76](#).
52. Schneider, A.L., A.T. Gilbert, **W.D. Walter**, G.S. Vandeberg, and J.R. Boulanger. 2019. Spatial ecology of urban striped skunks (*Mephitis mephitis*) in the Northern Great Plains: A framework for future oral rabies vaccination programs. *Urban Ecosystems* 22:[539–552](#).
51. *†Miller, W.L., J. Edson, P. Pietrandrea, C. Miller-Butterworth, and **W.D. Walter**. 2019. Identification and evaluation of a core microsatellite panel for use in white-tailed deer (*Odocoileus virginianus*). *BMC Genetics* 20:[49](#).

2018

50. *Williamson, L.T., **W.D. Walter**, S.R. Klinger, D.R. Diefenbach. 2018. Estimating detection probability for bird population density estimates. *Journal of Wildlife Management* 82(8):[1680–1688](#).
49. †**Walter, W.D.**, T.S. Evans, D. Stainbrook, B.D. Wallingford, C.S. Rosenberry, and D.R. Diefenbach. 2018. Heterogeneity of a landscape influences size of home range in a North American cervid. *Scientific Reports* 7:[14667](#).

2017

48. *†Miller, W.L. and **W.D. Walter**. 2017. CWDPRNP: 2017 a tool for cervid prion sequence analysis in program R. *Bioinformatics* 33(19):[3096–3097](#).
47. *†Carrollo, E.M., H.E. Johnson, J.W. Fischer, M. Hammond, P.D. Dorsey, C.W. Anderson, K.C. VerCauteren, and **W.D. Walter**. 2017. Influence of precipitation and crop germination on resource selection by mule deer (*Odocoileus hemionus*) in southwest Colorado. *Scientific Reports* 7:[15234](#).

2016

46. *Evans, T.S., M. Kirchgessner, B. Eyler, C.W. Ryan, and **W.D. Walter**. 2016. Habitat influences distribution of chronic wasting disease in white-tailed deer. *Journal of Wildlife Management* 80(2):[284–291](#).
45. Haley, N.J., C. Siepker, **W.D. Walter**, B.V. Thomsen, J.J. Greenlee, A.D. Lehmkuhl, and J.A. Richt. 2016. Antemortem detection of chronic wasting disease prions in nasal brush collections and rectal biopsies from white-tailed deer by real time quaking-induced conversion. *Journal of Clinical Microbiology* 54(4):[1108–1116](#).
44. Haley, N.J., C. Siepker, L.L. Hoon-Hanks, G. Mitchell, **W.D. Walter**, M. Manca, R.J. Monello, J.G. Powers, M.A. Wild, E.A. Hoover, B. Caughey, and J. Richt. 2016. Seeded amplification of chronic wasting disease prions in nasal brushings and recto-anal mucosal associated lymphoid tissues from elk by real time quaking-induced conversion. *Journal of Clinical Microbiology* 54(4):[1117–1126](#).

43. Fischer, J.W., D. McMurtry, C.R. Blass, **W.D. Walter**, J. Beringer, and K.C. VerCauteren. 2016. Effects of simulated removal activities on movements and space use of feral swine. *European Journal of Wildlife Research* 62(3):285–292.
42. Fischer, J.W., C.R. Blass, **W.D. Walter**, C.W. Anderson, M.J. Lavelle, W.H. Hall, and K.C. VerCauteren. 2016. Evaluating a strategy to deliver vaccine to white-tailed deer at a landscape level. *Wildlife Society Bulletin* 40(2):394–399.
41. King, D.T., J.W. Fischer, B. Strickland, **W.D. Walter**, F.L. Cunningham, and G. Wang. 2016. Winter and summer home ranges of American white pelicans (*Pelecanus erythrorhynchos*) captured at loafing sites in the southeastern United States. *Waterbirds* 39(3):287–294.

2015

40. †**Walter, W.D.**, D.P. Onorato, and J.W. Fischer. 2015. Is there a single best estimator? Selection of home range estimators using area-under-the-curve. *Movement Ecology* 3, 10.

2014

39. Johnson, H.E., J.W. Fischer, M. Hammond, P. Dorsey, **W.D. Walter**, C.W. Anderson, and K.C. VerCauteren. 2014. Evaluation of techniques to reduce deer and elk damage to agricultural crops. *Wildlife Society Bulletin* 38(2):358–365.
38. **Walter, W.D.**, Kurle, C.M., and J.B. Hopkins III. 2014. Applications of stable isotope analysis in mammalian ecology. *Isotopes in Environmental and Health Studies* 50(3):287–290.
37. **Walter, W.D.** 2014. Use of stable isotopes to identify dietary differences and subpopulations of a free-ranging generalist herbivore. *Isotopes in Environmental and Health Studies* 50(3):399–413.
36. †**Walter, W.D.**, R. Smith, M. Vanderklok, and K.C. VerCauteren. 2014. Linking bovine tuberculosis on cattle farms to white-tailed deer and environmental variables using Bayesian hierarchical analysis. *PLoS ONE* 9(3):e90925.
35. *Evans, T.S., K.L. Schuler, and **W.D. Walter**. 2014. Surveillance and monitoring of white-tailed deer for chronic wasting disease in the northeastern United States. *Journal of Fish and Wildlife Management* 5(2):387–393.

2013

34. **Walter, W.D.**, J.W. Fischer, C.W. Anderson, D.R. Marks, T. Deliberto, S. Robbe-Austerman, and K.C. VerCauteren. 2013. Surveillance and movements of Virginia opossum (*Didelphis virginiana*) in the bovine tuberculosis region of Michigan. *Epidemiology and Infection*, Special Issue on TB, 141(7):1498–1508.
33. **Walter, W.D.**, J.W. Fischer, T.J. Zimmerman, S.E. Hygnstrom, J.A. Jenks, and K.C. VerCauteren. 2013. Topographic home range of large mammals: is planimetric home range still a viable method? *Prairie Naturalist* 45(1):21–27.
32. Fischer, J.W., **W.D. Walter**, and M.A. Avery. 2013. Brownian bridge movement models to characterize home ranges of avian species. *The Condor* 115(2):298–305.
31. Berentsen, A.R., M.R. Dunbar, C.E. Fitzpatrick, and **W.D. Walter**. 2013. Spatial ecology of urban raccoons in Northeastern Ohio: implications for oral rabies vaccination. *Prairie Naturalist* 45(1):39–45.

2012

30. **Walter, W.D.**, J.W. Fischer, M.A. Avery, J.S. Humphrey, T.S. Daughtery, M.P. Milleson, and E.A. Tillman. 2012. Using three-dimensional flight patterns at airfields to identify hotspots for avian-aircraft collisions. *Applied Geography* 35:53–59.
29. Henningsen, J.C., A.L. Williams, C.M. Tate, S.A. Kilpatrick, and **W.D. Walter**. 2012. Distribution and prevalence of *Elaeophora schneideri* in moose in Wyoming. *Alces* 48:35–44.
28. **Walter, W.D.**, C.W. Anderson, and K.C. VerCauteren. 2012. Evaluation of remote delivery of passive infrared transponder (PIT) technology to mark large mammals. *PLoS ONE* 7(9): e44838.

27. **Walter, W.D.**, C. W. Anderson, R. Smith, M. Vanderklok, J. Averill, and K.C. VerCauteren. 2012. On-farm mitigation of transmission of tuberculosis from white-tailed deer to cattle: literature review and recommendations. *Veterinary Medicine International* 616318.
26. **Walter, W.D.**, J.W. Fischer, C.W. Anderson, D.R. Marks, T. Deliberto, S. Robbe-Austerman, and K.C. VerCauteren. 2013. Surveillance and movements of Virginia opossum (*Didelphis virginiana*) in the bovine tuberculosis region of Michigan. *Epidemiology and Infection, Special Issue on TB*, 141(7):1498–1508.

2011

25. **Walter, W.D.**, D.P. Walsh, M.L. Farnsworth, D.L. Winkelman, and M.W. Miller. 2011. Soil clay content underlies prion infection odds. *Nature Communications* 2:200.
24. **Walter, W.D.**, D.M. Baasch, S.E. Hygnstrom, B.D. Trindle, A.J. Tyre, J.J. Millspaugh, C.J. Frost, J.R. Boner, and K.C. VerCauteren. 2011. Space use of sympatric deer in a riparian ecosystem in an area chronic wasting disease is endemic. *Wildlife Biology* 17(2):191–209.
23. **Walter, W.D.**, J. Beringer, L.P. Hansen, J.W. Fischer, J.J. Millspaugh, and K.C. VerCauteren. 2011. Factors affecting space use overlap by white-tailed deer in an urban landscape. *International Journal of Geographical Information Science* 25(3):379–392.
22. Avery, M.L., J.S. Humphrey, T.S. Daughtery, J.W. Fischer, M.P. Milleson, E.A. Tillman, W.E. Bruce, and **W.D. Walter**. 2011. Vulture flight behavior and implications to aircraft safety. *Journal of Wildlife Management* 75(7):1581–1587.
21. VerCauteren, K.C., C.W. Anderson, T.R. Van Deelen, D. Drake, **W.D. Walter**, S.M. Vantassel, and S.E. Hygnstrom. 2011. Regulated commercial harvest to manage overabundant white-tailed deer: an idea to consider? *Wildlife Society Bulletin* 35(3):185–194.
20. **Walter, W.D.**, J.W. Fischer, S. Baruch-Mordo, and K.C. VerCauteren. 2011. [What is the proper method to delineate home range of an animal using today's advanced GPS telemetry systems: the initial step.](#) In: *Modern telemetry*, Intech, Open Access Publisher.

2010

19. **Walter, W.D.**, D.M. Leslie, Jr., E.C. Hellgren, and D.M. Engle. 2010. Identification of subpopulations of North American elk (*Cervus elaphus*) using multiple lines of evidence: habitat use, dietary choice, and fecal stable isotopes. *Ecological Research* 25:789–800.
18. Davis, C A., D.M. Leslie, Jr., **W.D. Walter**, and A.E. Graber. 2010. Mountain biking trail use affects reproductive success of nesting gold-cheeked warblers. *Wilson Journal of Ornithology* 122:465–474.
17. **Walter, W.D.**, M.J. Lavelle, J.W. Fischer, T.J. Johnson, S.E. Hygnstrom, and K.C. VerCauteren. 2010. Management of damage by elk (*Cervus elaphus*) in North America: a review. *Wildlife Research* 37(8):630–646.

2009

16. **Walter, W.D.**, K.C. VerCauteren, J.M. Gilsdorf, and S.E. Hygnstrom. 2009. Crop, native vegetation, and biofuels: response of white-tailed deer to changing management priorities. *Journal of Wildlife Management* 73(3):339–344.
15. **Walter, W.D.**, K.C. VerCauteren, H. Campa, III, W.R. Clark, J.W. Fischer, S.E. Hygnstrom, N.E. Mathews, C.K. Nielsen, E.M. Schaubert, T.R. Van Deelen, and S.R. Winterstein. 2009. Regional assessment on influence of landscape configuration and connectivity on range size of white-tailed deer. *Landscape Ecology*. 24(10): 1405–1420.
14. **Walter, W.D.**, and D.M. Leslie, Jr. 2009. Stable isotope ratio analysis to differentiate temporal diets of a free-ranging herbivore. *Rapid Communications in Mass Spectrometry*. 23(14): 2190–2194.
13. Spraker, T.R., K.C. VerCauteren, T.L. Gidlewski, R.D. Munger, **W.D. Walter**, A. Balachandran, and K.I. O'Rourke. 2009. Impact of age and sex of Rocky Mountain elk (*Cervus elaphus nelsoni*) on follicle counts from rectal mucosal biopsies for preclinical detection of chronic wasting disease. *Journal of Veterinary Diagnostic Investigation*. 21(6): 868–870.

12. **Walter, W.D.**, T.J. Zimmerman, D.M. Leslie, Jr., and J.A. Jenks. 2009. Dietary response of sympatric deer to fire using stable isotope analysis of liver tissue. *Wildlife Biology in Practice* 5:128–135.
11. Ward, A.I., K.C. VerCauteren, **W.D. Walter**, E. Gilot-Fromont, S. Rossi, G. Edwards-Jones, M. Lambert, M.R. Hutchings, and R.J. Delahay. 2009. Options for the control of disease 3: targeting the environment. Pages 147–168 in R.J. Delahay, M.R. Hutchings, and G.C. Smith (eds) *Management of disease in wild mammals*. Springer.

2008

10. Gildorf, J.M., K.C. Vercauteren, S.E. Hygnstrom, **W.D. Walter**, J.R. Boner, and G.M. Clements. 2008. An integrated vehicle-mounted telemetry system for VHF telemetry applications. *Journal of Wildlife Management* 72(5):1241–1246.

2006

9. **Walter, W.D.**, D.M. Leslie, Jr., and J.A. Jenks. 2006. Response of Rocky Mountain elk (*Cervus elaphus*) to wind-power development in southwestern Oklahoma. *American Midland Naturalist* 156:363–375.

2005

8. **Walter, W.D.**, D.M. Leslie, Jr., J.H. Herner-Thogmartin, K.G. Smith, and M.E. Cartwright. 2005. Efficacy of immobilizing free-ranging elk with Telazol and xylazine hydrochloride using transmitter-equipped darts. *Journal of Wildlife Diseases* 41:395–400.
7. **Walter, W.D.**, R.L. Bryant, and D.M. Leslie, Jr. 2005. Unusual documentation of elk behaviors using automated cameras. *Proceedings of the Oklahoma Academy of Science* 85:81–83.

2003

6. **Walter, W.D.**, H.J. Kilpatrick, and M.A. Gregonis. 2003. Does immunocontraception improve condition of free-ranging white-tailed deer? *Journal of Wildlife Management* 67:762–766.

2002

5. **Walter, W.D.**, P. J. Pekins, A.T. Rutberg, and H.J. Kilpatrick. 2002. Evaluation of immunocontraception in a free-ranging suburban white-tailed deer herd. *Wildlife Society Bulletin* 30:186–192.
4. **Walter, W.D.**, P.J. Pekins, A.T. Rutberg, and H.J. Kilpatrick. 2002. Evaluation of immunocontraceptive adjuvants, titers, and fecal pregnancy indicators in free-ranging white-tailed deer. *Wildlife Society Bulletin* 30:908–914.
3. **Walter, W.D.**, and D.M. Leslie, Jr. 2002. Harvest strategies and numbers of elk (*Cervus elaphus*) in Oklahoma, 1987–2201. *Proceedings of the Oklahoma Academy of Science* 82:89–94.

1999

2. Kilpatrick, H.J., and **W.D. Walter**. 1999. A controlled archery deer hunt in a residential community: cost, effectiveness, and deer recovery rates. *Wildlife Society Bulletin* 27:115–123.

1997

1. Kilpatrick, H.J., and **W.D. Walter**. 1997. Urban deer management: a community vote. *Wildlife Society Bulletin* 25:388–390.