

CURRICULUM VITAE

STANLEY D. GEHRT

School of Environment and Natural Resources
2021 Coffey Rd
The Ohio State University
Columbus, OH 43210

E-mail: gehrt.1@osu.edu

EDUCATION

1994	Ph.D.	Fisheries and Wildlife	University of Missouri
1988	M.S.	Biology	Emporia State University (KS)
1983	B.A.	Biology	Bethany College (KS)

PROFESSIONAL EXPERIENCE

2016-present. Professor, and Wildlife Extension Specialist, School of Environment and Natural Resources, The Ohio State University, Columbus, Ohio.

2015-present. Vice President, McGraw Center for Conservation Leadership, Max McGraw Wildlife Foundation, Dundee, Illinois.

2009-2016. Associate Professor and Wildlife Extension Specialist, School of Environment and Natural Resources, The Ohio State University, Columbus, Ohio.

2003-2015. Chair, Center for Wildlife Research, Max McGraw Wildlife Foundation, Dundee, Illinois.

2003-2009. Assistant Professor and Wildlife Extension Specialist, School of Environment and Natural Resources, The Ohio State University, Columbus, Ohio.

2002-2003. Director, Center for Fisheries and Wildlife Management, Max McGraw Wildlife Foundation, Dundee, Illinois. Supervise research on aspects of mammalian ecology and management of wildlife in urban areas.

2001-2003. Adjunct Assistant Professor, Northern Illinois University, DeKalb, Illinois. Develop and teach courses, serve on graduate student committees.

1994-2002. Research Biologist, Max McGraw Wildlife Foundation, Dundee, Illinois. Develop and conduct research on aspects of mammalian ecology and management of wildlife in urban areas.

ADVISING

Graduate Student Committees:

I serve, or have served, on graduate student committees for the following universities:

University of Missouri, University of Illinois-Champaign, Purdue University, State University of New York-Albany, University of Wisconsin-Madison, Northern Illinois University, Governors State University, University of Akron, Acadia University (Nova Scotia), University of Minnesota, University of California-Davis.

Current and Completed Graduate Students (for whom I serve(d) as advisor):

Student	Degree	Date	Thesis/Dissert.
Ashlyn Halseth	MS	In Prog.	Exploring a host and parasite relationship amongst wild coyotes in a heavily urbanized environment
Courtney Anderson	PhD	In Prog.	Coyote ecology in Ohio
Abby Thiemkey	MS	In Prog.	Coyote (<i>Canis latrans</i>) Ecology and Management in the State of Ohio
Charles Parise	MS	2021	Population ecology of river otters in Ohio
Grayson Cahal	MS	In Prog.	Intra- and interpopulation variation in coyote behavior
Gretchen Anchor	MS	2019	Influence of coyotes on deer in an urban system
Sara Adamczek	MS	2019	Population ecology of river otters in Ohio
Ashley Wurth	PhD	2018	Effects of urbanization on behavior and genetics of coyotes
Katie Robertson	PhD	2018	Behavioral syndromes in urban coyotes
Sara Kennedy	MS	2015	White-tailed Deer (<i>Odocoileus virginianus</i>) Fawn Survival and Seasonal Movement Patterns of White-tailed Deer and Coyotes (<i>Canis latrans</i>) in the Cleveland Metropolitan Area
Andrew Yoak ¹	PhD	2015	Disease control through birth control: Investigations into two carnivore systems
Evan Wilson	MS	2012	Sarcoptic mange dynamics in urban coyotes
Alexander Silvis	MS	2011	Effects of prescribed fire on oak regeneration and bat activity in eastern deciduous forests
Andrew Kniowski	MS	2011	Summer ecology of Indiana bats in Ohio
Stephanie Hauver	MS	2008	Genetic determinants of raccoon social behavior in a highly urbanized environment
Jared Duquette	MS	2008	Population ecology of the badger in an agricultural landscape
Alison Willingham	MS	2008	Status and distribution of gray foxes and interactions with coyotes
Bill Graser	MS	2008	Landscape effects on raccoon population demographics and disease dynamics
Cecelia Hennessy	MS	2007	Mating strategies and pack structure of coyotes in an urban landscape: a genetic investigation
Marne Avina ¹	MS	2007	The effects of shelterwood harvests on bat populations and forest structure in Ohio oak-hickory forests

Justin Brown	MS	2007	Coyote predation on Canada Goose nests: A biological control?
Debra Scott	MS	2007	The effect of woodland restoration on bats in a metropolitan landscape

¹Co-advisor

Graduate Student Committees (Completed): In addition to my advisees, I have also served as a graduate committee member for 30 committees at 9 institutions.

Post-docs and Research Associates under my supervision:

Suzie Prange (Post-doc, 2003-2005)
 Benjamin Hirsch (Post-doc, 2011-2014)
 Hance Ellington (Post-doc, 2015-2020)
 Jennifer Malpass (Post-doc, 2016-2017)
 Charlotte Milling (Post-doc, 2017-2023)
 Emily Zepeda (Post-doc, 2023-current)

Heidi Garbe (RA, 2011-2020)
 Evan Wilson (RA, 2012-2014)
 Justin Brown (RA 2008-2011)
 Lynsey White (RA, 2008-2010)
 Justin Gross (RA, 2009-2010)

Marne Titchenell, Extension Wildlife Associate, 2008-2018.

TEACHING

The following are courses I have instructed while at The Ohio State University:

Quarter system

ENR 119 Professional Survey of Forestry, Fisheries, and Wildlife (1 credit; 2004-2012), co-instructor

ENR 415 Zoo Science and Management (3 credits; 2010-2012)

ENR 624 Wildlife Identification and Management (5 credits; 2004-2012), co-instructor

ENR 899.01 Human-Wildlife Conflicts (2 credits, 2009-2011), co-instructor

Semester system (2012-present)

ENR 4360 Zoo Science and Management (2 credits; 2013-2020)

ENR 5364.01 Mammalian Wildlife Biology and Management (3 credits, 2012-2021)

FUNDED PROPOSALS

Grants/Contracts since OSU appointment:

- 2002-04 *with* Laura Hungerford (Co-PI). Cook County Animal Control and Conservation Medicine (Brookfield Zoo, University of Illinois, Loyola University, cooperating). **\$94,100** for: ‘Prevalence of health problems and zoonotic infections among urban raccoons (*Procyon lotor*).’
- 2001-02 *with* Kristen Page (Co-PI). Daniel F. and Ada L. Rice Foundation and Illinois Department of Natural Resources. **\$18,200** for: ‘Interrelationships between people, raccoons, and *Baylisascaris procyonis* within urban forest preserves.’
- 2001-03 McHenry County Conservation Foundation. **\$8,857** for: ‘Use of PIT tags for monitoring little brown bat activity at the Volo Bog maternity colony.’
- 2004-06 *with* Laura Hungerford (Co-PI). Cook County Animal Control and Conservation Medicine (Brookfield Zoo, University of Illinois, Loyola University, cooperating). **\$325,120** for: ‘Modeling raccoon rabies in Cook County, Illinois.’
- 2004-05 *with* Robert Gates (Co-PI). USDA and Berryman Institute. **\$39,024** for: ‘Movements, habitat use, and survival of raccoons in northern Ohio.’
- 2004-06 Lake County Forest Preserve District. **\$83,296** for: ‘Distribution of bat diversity in Lake County.’
- 2004-07 National Science Foundation. **\$1,242,000** for: ‘Modeling ecology, dynamics and spatial spread of raccoon rabies’; NSF 0425203. L. Hungerford (PI), F. Elsevoir, S. D. Gehrt (co-PI, \$376,112 to OSU).
- 2004-07 Illinois Department of Natural Resources. **\$129,260** for: ‘Status and distribution of gray foxes in northeastern Illinois.’
- 2006-08 Ohio Division of Wildlife. **\$149,117** for: ‘Population ecology of badgers in Ohio.’
- 2006-08 *with* Roger Williams (Co-PI). Ohio Department of Natural Resources. **\$23,771** for: ‘Bat Response to Forest Management in Ohio.’
- 2005-09 Ohio Department of Natural Resources. **\$96,009** for: ‘River otter population demographics in Ohio.’
- 2007-10 Cook County Animal Control. **\$730,000** for: ‘Predator Ecology and Disease Surveillance in Cook County.’
- 2009-13 Forest Preserve District of Cook County. **\$300,000** for: ‘Wildlife Disease Dynamics in Cook County.’
- 2009-12 Environmental Impact Research Program, Cook County Animal and Rabies Control, **\$519,908.00** for: ‘Wildlife Disease Dynamics in Cook County and Coyote Monitoring.’
- 2008-11 Ohio Department of Transportation. **\$192,009** for: ‘Summer Ecology of Indiana Bats in Ohio.’
- 2008-11 Ohio Division of Wildlife. **\$33,341** for: ‘Summer Ecology of Indiana Bats in Ohio.’
- 2010-12. Ohio Department of Natural Resources. **\$150,000** for: ‘Migration of Lasiurine Bats.’
- 2010-11 Lake County Department of Health. **\$60,000** for: ‘Disease Ecology of Feral Cats in Lake County.’
- 2009-13 *with* Amanda D. Rodewald (Co-PI). U.S. Fish and Wildlife Service. **\$38,709** for: ‘Assessing the impact of free-ranging cats and food-provisioned cat colonies on the conservation value of protected areas to grassland birds’

- 2012-13 Cleveland Metroparks. **\$4,740** for: ‘Movements and fawn survival of white-tailed deer in Cleveland Metroparks’
- 2013 Parks Canada. **\$15,000** for: ‘Stable isotope analysis of coyote diets in Cape Breton Highlands National Park’
- 2013-14 Cleveland Metroparks. **\$43,660** for: ‘Movements and fawn survival of white-tailed deer in Cleveland Metroparks’
- 2013 National Geographic. **\$34,000** for: ‘Uncovering the hidden world of urban coyotes.’
- 2014-16 Forest Preserve District of Cook County. **\$480,000** for: ‘Wildlife Disease Dynamics in Cook County.’
- 2013-17 Environmental Impact Research Program, Cook County Animal and Rabies Control, **\$1,020,228** for: ‘Wildlife Disease Dynamics in Cook County and Coyote Monitoring.’
- 2016-18 *with* E. Hance Ellington (Co-PI). Ohio Department of Natural Resources. **\$315,274** for: ‘Effects of harvest on the Ohio river otter population.’
- 2016-17 *with* E. Hance Ellington (Co-PI). National Geographic. **\$18,050** for: ‘Uncovering behavioral syndromes in urban coyotes.’
- 2016-17 Alia Deitsch (PI), Jeremy Bruskotter, Stan Gehrt (Co-PIs). InFACT Linkage and Leverage Grant, Ohio State University. **\$15,800** for: ‘Balancing the Growing Need for Meat Protein with Animal Welfare and Biodiversity Conservation.’
- 2018-23 Forest Preserve District of Cook County. **\$800,000** for: ‘Wildlife Disease Dynamics in Cook County.’
- 2018-23 Gehrt, SD (PI). Environmental Impact Research Program, Cook County Animal and Rabies Control, **\$1,115,513** for: ‘Wildlife Disease Monitoring and Mammalian Dynamics: Management Implications.’
- 2020-24 Gehrt, SD (PI). Cook County Animal and Rabies Control, **\$495,884** for: ‘Urban ecology of the river otter in Cook County, Illinois.’
- 2021-24 *with* Charlotte Milling (Co-PI). Ohio Department of Natural Resources. **\$548,649** for: ‘Evaluating behavioral and ecological aspects of coyote-livestock conflicts in Ohio.’
- 2022-24 Gehrt, SD, (PI), R Pesapane, W Peterman (Co-PI). ODNR-ODOW. **\$404,649** For: ‘Assessing factors associated with gray fox decline in Ohio,’ 2022-23, Submitted March 2022-23.
- 2023-24 CR Milling (PI), Gehrt, SD, (co-PI),. Cook County Animal and Rabies Control. \$85,000. Movement, space use, and survival of free-roaming cats associated with Trap-Neuter-Return colonies in the Chicago Metropolitan Area.’ 2023-24, Submitted July 2023.
- 2024-27 Gehrt, SD, (PI). McGraw Wildlife Foundation. **\$1,333,080**. For: ‘Ecology of Predators in the Chicago Metropolitan Area,’ 2024-27, Submitted November 2023, in Review.

PUBLICATIONS (n=99)

Peer-reviewed journal articles (n=85):

- 1) Robertson, Katie E., E. Hance Ellington, Christopher M. Tonra, Stanley D. Gehrt. 2023. Stress in the city? Coyote cortisol varies with intrinsic and extrinsic factors within a heavily urbanized landscape. *Science of the Total Environment*. 901, 165965.
- 2) Milling, C. R., and S. D. Gehrt. 2023. Behavior-specific habitat selection by raccoons in the Prairie Pothole Region of Manitoba. *Journal of Wildlife Management* 87:e22448.
- 3) Gehrt, SD, EM Muntz, EC Wilson, J Power, SD Newsome. 2023. Severe environmental conditions create severe conflicts: A novel ecological pathway to extreme coyote attacks on humans. *Journal of Applied Ecology*, 60:353-364.
- 4) Gehrt, SD. 2021. Ghost dogs and their unwitting accomplices. *Anthropology Now* 13:41-53.
- 5) Worsley-Tonks, KEL; SD Gehrt; C Anchor; L Escobar; ME Craft. 2021. Infection risk varies within urbanized landscapes – the case of coyotes and heartworm. *Parasites & Vectors*, 14:1-13.
- 6) Jacob, J; Kent, M; Benson-Amram, S; Herculano-Houzel, S; Raghanti, MA; Ploppert, E; Drake, J; Hindi, B; Natale, N; Daniels, S; Fanelli, R; Landis, T; Rzucidlo, A; Gilbert, A; Johnson, S; Lai, A; Hyer, M; Anchor, C; Gehrt, S; Lambert, K. 2021. Cytoarchitectural Characteristics Associated with Cognitive Flexibility in Raccoons. *Journal of Comparative Neurology*, 529:3375-3388.
- 7) Worsley-Tonks, Katherine E. L., Stanley D. Gehrt, Elizabeth A. Miller, Randall S. Singer, Jeff B. Bender, James D. Forester, Shane C. McKenzie, Dominic A. Travis, Timothy J. Johnson, Meggan E. Craft. 2021. Comparison of antimicrobial-resistant *Escherichia coli* between urban raccoons and domestic dogs. *Applied and Environmental Microbiology* 87: DOI: <https://doi.org/10.1128/AEM.00484-21>
- 8) Worsley-Tonks K. E. L., Miller E. A., Anchor, C. L., Bender J. B., Gehrt S. D., McKenzie S. C., Singer, R. S., Johnson T. J., Craft M. E. 2021. Importance of anthropogenic sources at shaping the antimicrobial resistance profile of a peri-urban mesocarnivore. *Science of the Total Environment* 764:144-166.
- 9) Zepeda, Emily; Payne, Eric; Wurth, Ashley; Sih, Andrew; Gehrt, Stan. 2021. Early life experience with urbanization influences dispersal in coyotes (*Canis latrans*). *Behavioral Ecology* 32:728-737.
- 10) Ellington, EH, E Muntz, SD Gehrt. 2020. Seasonal and daily shifts in behavior and resource selection: how a carnivore navigates costly landscapes. *Oecologia* 194: 87-100.
- 11) Wurth, AM, EH Ellington, SD Gehrt. 2020. Golf courses as a potential habitat for coyotes. *Wildlife Society Bulletin* 44: 333-341.
- 12) Worsley-Tonks, K. E. L., Miller E. A., Gehrt S. D., McKenzie S. C., Travis D. A., Johnson T. J., and Craft M. E. 2020. Characterization of Antimicrobial Resistance Genes in Enterobacteriaceae Carried by Suburban Mesocarnivores and Locally Owned and Stray Dogs. *Zoonoses and Public Health* 67: 460–66.
- 13) Ellington, EH, SD Gehrt. 2019. Behavioral responses by an apex predator to urbanization. *Behavioral Ecology* 30:821-829.
- 14) Milling, CR, SD Gehrt, and DW Howerter. 2019. From crisis to collaboration: The North American Waterfowl Management Plan continues to evolve. *The Wildlife Professional*, 13:39-43.
- 15) Ellington, EH, PD Flournoy, CP Dwyer, MD Witt, and SD Gehrt. 2018. Assessment of river otter abundance following Reintroduction. *Wildlife Research* 45:490-499.
- 16) Bruskotter, JT, JA Vucetich, MJ Manfredo, GR Karns, C Wolf, K Ard, NH Carter, JV

- Lopez-Bao, G. Chapron, SD Gehrt and WJ Ripple. 2017. Modernization, Risk, and Conservation of the World's Largest Carnivores. *BioScience* 67:646-655.
- 17) Yoak, AJ, JF Reece, SD Gehrt, and IM Hamilton. 2016. Optimizing free-roaming dog control programs using agent-based models. *Ecological Modelling*, 341:53-61.
 - 18) Silvis, A, SD Gehrt, RA Williams. 2016. Effects of shelterwood harvest and prescribed fire in upland Appalachian hardwood forests on bat activity. *Forest Ecology and Management* 360:205-212.
 - 19) Hirsch BT, JJH Reynolds, ME Craft, and SD Gehrt. 2016. Which mechanisms drive seasonal rabies outbreaks in raccoons? A test using dynamic social network models. *Journal of Applied Ecology* 53:804-813.
 - 20) Page, LK, DAP Delzell, SD Gehrt, ED Harrell, M Hiben, E Walter, C Anchor, KR Kazacos. 2016. The structure and seasonality of *Baylisascaris procyonis* populations. *Journal of Wildlife Diseases* 52:286-292.
 - 21) Thieme, JL, AD Rodewald, J Brown, C Anchor, SD Gehrt. 2015. Linking grassland and early successional bird territory density to predator activity in urban parks. *Natural Areas Journal* 35:515-532.
 - 22) Reynolds, J.J.H., B.T. Hirsch, S.D. Gehrt and M.E. Craft. 2015. Raccoon contact networks predict seasonal susceptibility to rabies outbreaks and limitations of vaccination. *Journal of Animal Ecology* 84:1720-1731.
 - 23) Newsome, SD, HM Garbe, EC Wilson, and SD Gehrt. 2015. Individual Variation in Anthropogenic Resource Use in an Urban Carnivore. *Oecologia* 178:115-128.
 - 24) Silvis, A., A.B. Kniewski, S.D. Gehrt, and W.M. Ford. 2014. Roosting and foraging social structure of the endangered Indiana bat (*Myotis sodalis*). *PloS One* 9(5): e96937.
 - 25) Page, LK, T Smyser, E Dunkerton, E Gavard, B Larkin and S Gehrt. 2014. Successful reduction of *Baylisascaris procyonis* eggs at latrines in suburban Chicago. *Emerging Infectious Diseases* 20:2137.
 - 26) Yoak, A.J., J.F. Reece, S.D. Gehrt, and I.M. Hamilton. 2014. Disease control through fertility control: Secondary benefits of animal birth control in Indian street dogs. *Preventive Veterinary Medicine* 113:152-156.
 - 27) Kniewski, A.B., and S.D. Gehrt. 2014. Home Range and Habitat Selection of the Indiana Bat in an Agricultural Landscape. *Journal of Wildlife Management* 78:503-512.
 - 28) Duquette, J.F., S. D. Gehrt, B. Ver Steeg, and R. E. Warner. 2014. Multi-scale spatial ecology and habitat use of badgers (*Taxidea taxus*) in fragmented agricultural landscapes. *American Midland Naturalist* 171:116-127.
 - 29) Hirsch, B.T., S. Prange, S.A. Hauver, & S.D. Gehrt. 2014. Patterns of latrine use by individual raccoons and the implication for *Baylisascaris procyonis* transmission. *Journal of Wildlife Diseases* 50:243-249.
 - 30) Gehrt, S.D., E.C. Wilson, J.L. Brown, and C. Anchor. 2013. Population ecology of free-roaming cats and interference competition by coyotes in urban parks. *PLoS ONE* 8(9): e75718. doi:10.1371/journal.pone.0075718.
 - 31) Hirsch, B.T , S. Prange, S.A Hauver, & S.D Gehrt. 2013. Raccoon social networks and the potential for disease transmission. *PLoS ONE* 8(10): e75830. doi:10.1371/journal.pone.0075830.
 - 32) Hauver, S.A., B.T. Hirsch, S. Prange, & S.D. Gehrt. 2013. Age, but not sex or genetic relatedness, shapes raccoon dominance patterns. *Ethology* 119:769-778.
 - 33) Hirsch, B.T., S. Prange, S.A. Hauver, & S.D. Gehrt. 2013. Genetic relatedness does not predict raccoon social network structure. *Animal Behaviour* 85:463-470.
 - 34) Gese, E.M., P.S. Morey, and S.D. Gehrt. 2012. Influence of the urban matrix on space

- use of coyotes in the Chicago Metropolitan Area. *Journal of Ethology* 30:413-425. DOI 10.1007/s10164-012-0339-8.
- 35) Hennessy, C.A., J. Dubach, and S. D. Gehrt. 2012. Long-Term pair bonding and genetic evidence for monogamy among urban coyotes (*Canis latrans*). *Journal of Mammalogy* 93:732-742.
 - 36) Graser, W.H., S.D. Gehrt, L.L. Hungerford, and C. Anchor. 2012. Variation in demographic patterns and population structure of raccoons across an urban landscape. *Journal of Wildlife Management* 76:976-986.
 - 37) Santonastaso, T.T., J. Dubach, S.A. Hauver, W.H. Graser III, and S. D. Gehrt. 2012. Microsatellite analysis of raccoon (*Procyon lotor*) population structure across an extensive metropolitan landscape. *Journal of Mammalogy* 93:447-455.
 - 38) Gross, J., F. Elvinger, L. L. Hungerford, and S. D. Gehrt. 2012. Raccoon use of the urban matrix in the Baltimore Metropolitan Area, Maryland. *Urban Ecosystems* 15:667-682. DOI 10.1007/s11252-011-0218-z.
 - 39) Titchenell, M., R.A. Williams, and S.D. Gehrt. 2011. Bat Response to Shelterwood Harvests and Forest Structure in Oak-Hickory Forests. *Forest Ecology and Management* 262:980-988.
 - 40) Gehrt, S.D., C. Anchor, and J.L. Brown. 2011. Is the urban coyote a misanthropic synanthrope? The case from Chicago. *Cities and the Environment* 4:Iss 1, Article 3 (online journal: <http://digitalcommons.lmu.edu/cate/vol4/iss1/3>).
 - 41) Prange, S., S.D. Gehrt, and S.Hauver. 2011. Frequency and duration of contacts between free-ranging raccoons: uncovering a hidden social system. *Journal of Mammalogy* 92:1331-1342.
 - 42) Gehrt, S.D., C. Anchor, and D.M. Alexander. 2011. Survival and cause-specific mortality of a top carnivore in an urban landscape. Pages 30-32 in: *Proceedings of the XXXth IUGB Congress and Perdix XIII* (M. Puigcerver, J.D.R. Teijeiro, and F. Buner, editors). Barcelona, Spain, 131pp.
 - 43) Gehrt, S. D., M.J. Kinsel, and C. Anchor. 2010. Parasite dynamics and morbidity of striped skunks in the absence of rabies. *Journal of Wildlife Diseases* 46:335-347.
 - 44) Smith, D.A., and S.D. Gehrt. 2010. Bat response to woodland restoration within urban forest fragments. *Restoration Ecology* 18:914-923.
 - 45) Hauver, S.A., S.D. Gehrt, S.Prange, and J. Dubach. 2010. Behavioral and genetic aspects of the raccoon mating system. *Journal of Mammalogy* 91:749-757.
 - 46) Hauver, S.A., S.D. Gehrt, and S.Prange. 2010. Maternal behavior of raccoons and response of mothers to conspecific visits at natal dens. *American Midland Naturalist* 163:374-387.
 - 47) White, L.A., and S.D. Gehrt. 2009. Coyote attacks on humans in the United States and Canada. *Human Dimensions of Wildlife* 14:419-432.
 - 48) Page, L.K., S.D. Gehrt, and N.P. Robinson. 2009. The relationship between *Baylisascaris procyonis* prevalence and raccoon population structure. *Journal of Parasitology* 95:1314-1320.
 - 49) Gehrt, S.D., C. Anchor, and L.A. White. 2009. Home range and landscape use of coyotes in a major metropolitan landscape: conflict or coexistence? *Journal of Mammalogy* 90:1045-1057.
 - 50) Page, L.K., S.D. Gehrt, and N.P. Robinson. 2008. Land-use effects on prevalence of raccoon roundworm (*Baylisascaris procyonis*). *Journal of Wildlife Diseases* 44:594-599.
 - 51) Gehrt, S. D., W. F. Gergits, and E. K. Fritzell. 2008. Behavioral and genetic aspects of male social groups in raccoons. *Journal of Mammalogy* 89:1473-1480.

- 52) Bozek, C.K., S. Prange, and S.D. Gehrt. 2007. The influence of anthropogenic resources on multi-scale habitat selection by raccoons. *Urban Ecosystems* 10:413-425.
- 53) Prange, S., and S. D. Gehrt. 2007. Skunk response to simulated coyote activity: A test of the mesopredator release hypothesis. *Journal of Mammalogy* 88:1040-1049.
- 54) Morey, P.S., E. M. Gese, and S. D. Gehrt. 2007. Spatial and temporal variation in the diet of coyotes in the Chicago metropolitan area. *American Midland Naturalist* 158:147-161.
- 55) Gehrt, S. D., and S. Prange. 2007. Lack of interference competition between coyotes and raccoons: Implications for the Mesopredator Release Hypothesis. *Behavioral Ecology* 18:204-214.
- 56) Gehrt, S.D. 2007. Ecology of coyotes in urban landscapes. Pages 303-311 In: D.L. Nolte, W.M. Arjo, and D.H. Stalman, eds. *Proceedings of the 12th Wildlife Damage Management Conference*. [peer-reviewed]
- 57) Avina, M. M., R. A. Williams, and S. D. Gehrt. 2006. A method of quantifying forest vertical structure for the purpose of evaluating bat habitat. In: Buckley, David S.; Clatterbuck, Wayne K., eds. *Proceedings, 15th central hardwood forest conference*. e-Gen. Tech. Rep. SRS?101. U.S. Department of Agriculture, Forest Service, Southern Research Station. 770 p. [CD-ROM].
- 58) Prange, S., T. Jordan, C. Hunter, and S. D. Gehrt. 2006. New radiocollars for the detection of proximity between individuals. *Wildlife Society Bulletin* 34:1333-1344.
- 59) Gehrt, S. D., G. F. Hubert, Jr., and J. A. Ellis. 2006. Extrinsic effects on long-term population trends of Virginia opossums and striped skunks at a large spatial scale. *American Midland Naturalist* 155:168-180.
- 60) Gehrt, S. D. 2005. Seasonal survival and cause-specific mortality of urban and rural striped skunks in the absence of rabies. *Journal of Mammalogy* 86:1164-1170.
- 61) Page, L. K., S. D. Gehrt, K. K. Titcombe, and N. P. Robinson. 2005. Measuring prevalence of raccoon roundworm (*Baylisascaris procyonis*): A comparison of common techniques. *Wildlife Society Bulletin* 33:1406-1412.
- 62) Prange, S., and S. D. Gehrt. 2004. Changes in mesopredator community structure in response to urbanization. *Canadian Journal of Zoology* 82:1804-1817.
- 63) Gehrt, S. D., and J. E. Chelsvig. 2004. Bat activity in an urban landscape: species-specific patterns along an urban gradient. *Ecological Applications* 14:625-635.
- 64) Gehrt, S. D., and L. B. Fox. 2004. Spatial patterns and dynamic interaction among raccoons in eastern Kansas. *Southwestern Naturalist* 49:116-121.
- 65) Prange, S., S. D. Gehrt, and E. P. Wiggers. 2004. Influences of anthropogenic resources on raccoon (*Procyon lotor*) movements and spatial distribution. *Journal of Mammalogy* 85:483-490.
- 66) Gehrt, S. D., and W. R. Clark. 2003. Raccoons, coyotes, and reflections on the mesopredator release hypothesis. *Wildlife Society Bulletin* 31:836-842.
- 67) Gehrt, S. D., and J. E. Chelsvig. 2003. Bat activity and distribution patterns in an urban landscape. *Ecological Applications* 13:939-950.
- 68) Prange, S., S. D. Gehrt, and E. P. Wiggers. 2003. Demographic factors contributing to high raccoon densities in urban landscapes. *Journal of Wildlife Management* 67:324-333.
- 69) Gehrt, S. D. 2002. Evaluation of spotlight and road-kill surveys as indicators of raccoon abundance. *Wildlife Society Bulletin* 30:449-456.
- 70) Gehrt, S. D., G. F. Hubert, Jr., and J. A. Ellis. 2002. Long-term population trends of raccoons in Illinois. *Wildlife Society Bulletin* 30:457-463.

- 71) White, E. B., and S. D. Gehrt. 2001. Effects of recording media on echolocation data from broadband bat detectors. *Wildlife Society Bulletin* 29:974-978.
 - 72) Gehrt, S. D., L. L. Hungerford, and S. Hatten. 2001. Drug effects on recaptures of raccoons. *Wildlife Society Bulletin* 29:833-837.
 - 73) Gehrt, S. D., and E. K. Fritzell. 1999. Survivorship of a nonharvested raccoon population in South Texas. *Journal of Wildlife Management* 63:889-894.
 - 74) Gehrt, S. D., and E. K. Fritzell. 1999. Behavioural aspects of the raccoon mating system: determinants of consortship success. *Animal Behaviour* 57:593-601.
 - 75) Gehrt, S. D., and E. K. Fritzell. 1999. Growth rates and intraspecific variation in body weights of raccoons (*Procyon lotor*) in southern Texas. *American Midland Naturalist* 141:19-27.
 - 76) Gehrt, S. D., and E. K. Fritzell. 1998. Resource distribution, female home range dispersion and male spatial interactions: group structure in a solitary carnivore. *Animal Behaviour* 55:1211-1227.
 - 77) Gehrt, S. D., and E. K. Fritzell. 1998. Duration of raccoon familial bonds and dispersal patterns. *Journal of Mammalogy* 79:859-872.
 - 78) Gehrt, S. D., and E. K. Fritzell. 1997. Sexual differences in home ranges of raccoons. *Journal of Mammalogy* 78:913-923.
 - 79) Gehrt, S. D., D. E. Clark, and E. K. Fritzell. 1997. Population dynamics and ecology of Virginia opossums in southern Texas. *The Southwestern Naturalist* 42:170-176.
 - 80) Gehrt, S. D. 1996. The human population problem: educating and changing behavior. *Conservation Biology* 10:900-903.
 - 81) Gehrt, S. D., and E. K. Fritzell. 1996. Sex-biased response of raccoons (*Procyon lotor*) to live traps. *American Midland Naturalist* 135:23-32.
 - 82) Gehrt, S. D., and E. K. Fritzell. 1996. Second estrus and late litters in raccoons. *Journal of Mammalogy* 77:388-393.
 - 83) Gehrt, S. D., L. B. Fox and D. L. Spencer. 1993. Locations of raccoons during flooding in eastern Kansas. *The Southwestern Naturalist* 38:404-406.
 - 84) Gehrt, S. D. 1993. A ringtail (*Bassariscus astutus*) recorded from San Patricio County, Texas. *Texas Journal of Science* 45:359-360.
 - 85) Gehrt, S. D., L. B. Fox and D. L. Spencer. 1990. Raccoon denning behavior in eastern Kansas as determined from radio-telemetry. *Transactions of the Kansas Academy of Science* 93:71-78.
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Books (n=2):

Gehrt, S.D., with K. Luft. 2024. *Coyotes Among Us: Secrets of the City's Top Predator*. Flashpoint Books. 144pp. Publication Date: February 13, 2024.

Gehrt, S. D, S.P.D. Riley, and B.L. Cypher, editors. 2010. *Urban Carnivores: Ecology, Conflict, and Conservation*. The Johns Hopkins University Press, Baltimore, MD.

***2010 Outstanding Academic Title, *Choice Magazine*

Reviewed in: *BioScience* (2011), *Journal of Wildlife Management* (2011), *Quarterly Review of Biology* (2011), *Discovery* (2011), *Mammalia* (2011), *Human Dimensions of Wildlife* (2011), *Western North American Naturalist* (2011)

Book Chapters (n=12):

- 1) Gehrt, S.D. 2015. Coyotes: The ghost dogs of Chicago. Pages 324-330 In: *City Creatures*. (G. Van Horn, D. Aftandilian, eds.). University of Chicago Press.
- 2) Rodewald, A.D., and S.D. Gehrt. 2014. Wildlife population dynamics in urban landscapes. Pages 117-147 In: *Urban Wildlife Conservation: Theory & Practice*. (R. McCleery, C. Moorman, and N. Peterson, eds.). Springer.
- 3) Gehrt, S.D. 2010. The Urban Ecosystem. Pages 3-11 In: *Urban Carnivores: Ecology, Conflict, and Conservation*. (S.D. Gehrt, S.P.D. Riley, and B.L. Cypher, editors). The Johns Hopkins University Press, Baltimore, MD.
- 4) Hadidian, J., S. Prange, R. Rosatte, S.P.D. Riley, and S.D. Gehrt. 2010. Raccoons (*Procyon lotor*). Pages 35-47 In: *Urban Carnivores: Ecology, Conflict, and Conservation*. (S.D. Gehrt, S.P.D. Riley, and B.L. Cypher, editors). The Johns Hopkins University Press, Baltimore, MD.
- 5) Gehrt, S. D., and S.P. D. Riley. 2010. Coyotes (*Canis latrans*). Pages 79-95 In: *Urban Carnivores: Ecology, Conflict, and Conservation*. (S.D. Gehrt, S.P.D. Riley, and B.L. Cypher, editors). The Johns Hopkins University Press, Baltimore, MD.
- 6) Rosatte, R., K. Sobey, J.W. Dragoo, and S.D. Gehrt. 2010. Striped Skunks and Allies (*Mephitis spp.*). Pages 97-106 In: *Urban Carnivores: Ecology, Conflict, and Conservation*. (S.D. Gehrt, S.P.D. Riley, and B.L. Cypher, editors). The Johns Hopkins University Press, Baltimore, MD.
- 7) Crooks, K.R., S.P.D. Riley, S.D. Gehrt, T.E. Gosselink, and T.R. Van Deelen. 2010. Community ecology of urban carnivores. Pages 185-196 In: *Urban Carnivores: Ecology, Conflict, and Conservation*. (S.D. Gehrt, S.P.D. Riley, and B.L. Cypher, editors). The Johns Hopkins University Press, Baltimore, MD.
- 8) Riley, S.P.D., S.D. Gehrt, and B.L. Cypher. 2010. Urban carnivores: final perspectives and future directions. Pages 223-232. In: *Urban Carnivores: Ecology, Conflict, and Conservation*. (S.D. Gehrt, S.P.D. Riley, and B.L. Cypher, editors). The Johns Hopkins University Press, Baltimore, MD.
- 9) Gehrt, S.D. 2010. Raccoon rabies in urban settings. Pages 324-326, *In McGraw-Hill 2010 Yearbook of Science & Technology*, and McGraw-Hill Encyclopedia of Science & Technology Online.
- 10) Gehrt, S.D., and J.E. Chelsvig. 2008. Bat activity in an urban landscape: Patterns at the landscape and microhabitat scale. Pages 437-454, *In Urban Ecology: An International Perspective on the Interaction Between Humans and Nature*. Edited by J.M. Marzluff, E. Shulenberger, W. Endlicher M. Alberi, G. Bradley, C. Ryan, C. ZumBrunnen, and U. Simon. Springer publishing.
- 11) Gehrt, S. D. 2004. Ecology and management of striped skunks, raccoons, and coyotes in urban landscapes. Pages 81-104, *in People and Predators: From Conflict to Conservation*. Nina Fascione, Aimee Delach, and Martin Smith, eds. Island Press.
- 12) Gehrt, S. D. 2003. Raccoons and allies. Pages 611-634 *in Wild Mammals of North America*, 2nd edition. G. A. Feldhamer, J. A. Chapman, B. C. Thompson, eds. Johns Hopkins University Press.

Reports and Extension Publications (since 2009):

Gehrt, SD, and HM Garbe. 2012. "Uncovering the hidden world of urban coyotes". National Gehrt CV 2023

- Geographic Society Expedition Grant. (EC0617-13,2014)
- Toman, Eric; Hix, David M.; Goebel, P. Charles; Gehrt, Stanley D.; Wilson, Robyn S.; Sherry, Jennifer A.; Silvis, Alexander; Nyamai, Priscilla; Williams, Roger A.; McCaffrey, Sarah. 2012. "Hazardous fuels management in mixed red pine and eastern white pine forest in the northern Lake States: A synthesis of knowledge". Newtown Square: U.S. Department of Agriculture, Forest Service, Northern Research Station. (Gen. Tech. Rep. NRS-134,2014)
- Gehrt, SD, Quirin, C. 2012. "Urban coyotes: Conflict and management". Columbus: Ohio State University Extension. (W-24-12,2012).
- Quirin, C, Gehrt, SD. 2012. "Community-level strategies for urban coyote management". Columbus: Ohio State University Extension. (W-25-12,2012).
- Kniowski, A, S Gehrt, and A Silvis. 2012. "Migratory flight paths of Lasiurine bats along Lake Erie". Vol. Final Report. Columbus: Ohio Department of Natural Resources. (2012)
- Riley, SPD, J Young, and S Gehrt. 2012. "Assessment of human-coyote conflicts: City and County of Broomfield, Colorado". Broomfield: Open Space and Trails, City and County of Broomfield. (2012).
- Gehrt, S.D. 2011. "Procyon lotor". no. Invasive Species Compendium. Edited by: CABI. Wallingford: CABI. (2011) <http://www.cabi.org/isc>
- Hungerford, L L, F Elvinger, and S D Gehrt. 2010. "Modeling ecology, dynamics and spatial spread of raccoon rabies". Washington: National Science Foundation. (ID-0425203,2010).
- Kniowski, A B, and S D Gehrt. 2010. "Summer Ecology of Indiana bats in Ohio". Vol. Final Report. Columbus: Ohio Department of Transportation, Office of Research and Development. (134387,2010).
- Brown, J., S.D. Gehrt. 2009. "The basics of using remote cameras to monitor wildlife". Columbus: Ohio State University Extension. (W-21-09,2009).

I have also authored or co-authored 19 extension or non-peer reviewed publications.

SYMPOSIA (I have co-organized)

‘Urban Carnivores: Ecology, Behavior, Conflict, and Conservation’, Organizers: S.D. Gehrt, S.P.D. Riley, B.L. Cypher. Annual Conference of The Wildlife Society, Anchorage, Alaska, 2006.

‘Urban Carnivores’, Organizers: SD Gehrt, SPD Riley; International Urban Wildlife Conference, Austin, TX, May 2011.

‘Urban Coyotes’, Organizers: S. Breck, SD Gehrt, SPD Riley, International Urban Wildlife Conference, Austin, TX May 2011.

‘Roads and Wildlife in Urban Landscapes’, Organizers: SD Gehrt, SPD Riley, The Wildlife Society Annual Conference, Hawaii November 2011.

‘Carnivore conservation in human-dominated systems: Ecological, ethical and social dimensions’, Organizers: J. Bruskotter, A. Treves, S.D. Gehrt, EcoSummit 2012, Columbus, OH October 2012.

‘Urban Wildlife Ecology and Management’, Organizers: S.D. Gehrt, Stephanie Kramer-Schadt, 9th International Conference on Behaviour, Physiology and Genetics of Wildlife, Berlin, Germany September 2013.

PROFESSIONAL PRESENTATIONS

I have authored or co-authored >150 presentations at professional conferences at the regional, national, and international levels. Recent (2012-2023) scholarly presentations include:

Gehrt, SD. (2023) Mammalian carnivores in a human-dominated landscape. **Keynote Speaker**, 63rd Ohio Wildlife Management Conference. Columbus, Ohio. Jan. 20, 2023.

Gehrt, SD. (2023) Chicago’s Urban Coyote Research Project: Research and Extension. **Keynote Speaker**, Annual Meeting of the Indiana Chapter of The Wildlife Society. Nashville, Indiana. Mar. 21, 2023.

Anderson, C., C. Milling, E. Zepeda, S. Gehrt. 2023. At home in the city: Coyote movement and space use in a highly urbanized landscape. The Wildlife Society's Annual Conference. Louisville, KY. Poster.

Anderson, C., A. Thiemkey, C. Milling, S. Gehrt. 2023. Assessing individual- and population-level diet variability in a generalist carnivore, the coyote (*Canis latrans*). 13th International Mammalogical Congress & American Society of Mammologists Conference. Anchorage, Alaska. July 14-20, 2023.

Halseth, A, C Anchor, S Gehrt. (2023) Long-term surveillance of Sarcoptic mange within an urban coyote population. Annual Conference of The Wildlife Society, Louisville, Kentucky.

Halseth, A, C Anchor, S Gehrt. (2023) Long-term surveillance of Sarcoptic mange within an urban coyote population. Annual Conference of the Wildlife Disease Association, Atlanta, Georgia. Poster.

Halseth, A, C Anchor, S Gehrt. (2023) Risks associated with sarcoptic mange infestations among a highly urbanized wild coyote population. 13th International Mammalogical Congress & American Society of Mammologists Conference. Anchorage, Alaska. July 14-20, 2023.

Halseth, A, C Anchor, S Gehrt. (2023) Long-term surveillance of Sarcoptic mange within an urban coyote population. International Urban Wildlife Conference, Washington D.C. Poster.

Thiemkey, A.R., Anderson, C. D., Milling, C. R., and Gehrt, S. D. (2023) Population demographic patterns of coyotes (*Canis latrans*) in Ohio. 8 November 2023. Louisville, Kentucky. The Wildlife Society Annual Conference.

Thiemkey, A.R., Anderson, C. D., Milling, C. R., and Gehrt, S. D. (2023) Regional differences in coyote diet in an agricultural landscape determined by stable isotope analysis. 3th International Mammalogical Congress & American Society of Mammologists Conference. Gehrt CV 2023

Anchorage, Alaska. July 14-20, 2023.

Milling, C., and SD Gehrt. 2003. Isotopic niche of generalist predators in an agriculture-dominated landscape. 13th International Mammalogical Congress & American Society of Mammologists Conference. Anchorage, Alaska. July 14-20, 2023.

Gehrt, SD. 2023. Urban Ecology of Mammalian Carnivores. **Banquet Speaker**, Ohio Wildlife Rehabilitators Association 30th Annual Conference. Dublin, Ohio. Nov. 4, 2023.

Ellington, EH, SD Newsome, SD Gehrt. (2022) How urbanization and diet influence coyote behavior. International Jackal Symposium, Hungary.

Milling, CR, SD Gehrt, S McKenzie. (2022) Coyote Roadkill Mortality during the Covid-19 Lockdown. The Wildlife Society Annual Conference, Spokane, Washington.

Thiemkey, A, SD Gehrt, C Milling. (2022) Space use and habitat selection of free-ranging cats in TNR colonies. The Wildlife Society Annual Conference, Spokane, Washington.

Milling, C. and S. Gehrt. (2021) Survival of translocated nuisance coyotes in the Chicago Metropolitan Area: implications for urban wildlife management. The Wildlife Society Annual Meeting. Virtual. November 1 – 5.

Milling, C. and S. Gehrt. (2021) Behavior-specific habitat selection by raccoons during the waterfowl nesting season in the Prairie Potholes Region of Manitoba. Ecological Society of America Annual Meeting. Virtual. August 2 – 6.

Milling, C. and S. Gehrt. (2021) Behavior-specific habitat selection by raccoons during the waterfowl nesting season in the Prairie Potholes Region. 100th Annual Meeting of the American Society of Mammalogists. Virtual. June 14 – 18.

Milling, C., S. McKenzie, and S. Gehrt. (2021) Evaluating the quality and utility of Iridium-transmitted data for a free-ranging mesocarnivore. Montana Chapter of The Wildlife Society Annual Conference. Virtual. February 23 – 25.

Ellington, EH, Newsome, S, Gehrt, SD. (2021) How urbanization and diet influence coyote behavior. International Urban Wildlife Conference [Virtual].

Milling, CR, SD Gehrt, C Anchor. (2021) Do translocated coyotes live happily ever after? Managing urban canids and human expectations. Invited seminar at Gonzaga University, Spokane, WA. Oct. 22.

Zepeda, E., Payne, R., Wurth, A., Sih, A. and Gehrt, S. (2021) Early life experience with urbanization influences departure and transience behavior in coyotes. The Wildlife Society Annual Conference, virtual.

Gehrt, SD. 2021. Extreme Urban Ecology of an Apex Predator: Coyotes in Chicago. Invited Departmental Seminar, Queens College, New York. February 10.

Gehrt, SD. 2020. Coyote behavioral response to urbanization contributes to coexistence with people in a large metropolitan area. Invited, Pathways Kenya 2020, Limuru, Kenya. February 19, 2020.

Gehrt, SD. 2020. Do coyotes function as apex predators in the urban ecosystem? Invited, Departmental Seminar, University of California-Davis. May 7, 2020.

Gehrt, SD. 2020. Behavioral response to extreme urbanization by a top mammalian predator: Coyotes in Chicago. **Storer Lecture**, University of California-Davis. May 8, 2020.

Gehrt, SD, EH Ellington, KE Robertson, AM Wurth, and SD Newsome. 2020. Influence of anthropogenic foods on the behavioral ecology of coyotes in the Chicago metropolitan area. **Invited paper for Subsidies Symposium**, The Wildlife Society, Virtual Conference. September 29, 2020.

Milling, CR, and SD Gehrt. 2020. Behavior-specific habitat selection by raccoons during the waterfowl nesting season in the Prairie Potholes Region of Manitoba. The Wildlife Society, Virtual Conference. September 29, 2020.

Cahal, G, S McKenzie, and S Gehrt. 2020. Coyote response to novel objects in urban and rural ecosystems. The Wildlife Society, Virtual Conference. September 31, 2020

Ellington, EH, E Muntz, SD Gehrt. 2020. Seasonal and Daily Shifts in Behavior and Resource Selection: How a Carnivore Navigates Costly Landscapes. The Wildlife Society, Virtual Conference. September 29, 2020.

Gehrt, SD. 2020. Coyote behavioral response to urbanization contributes to coexistence with people in a large metropolitan area. Pathways Kenya 2020, Limuru, Kenya. February 19, 2020.

Adamczak, S., Ellington, E. H. and S. Gehrt. (2019). Population Parameters of the North American River Otter in Ohio. Poster session presented at the CFAES Annual Research Conference, Columbus, OH.

Adamczak S.B., Wiley, A., Sullivan, M., and S. Gehrt. (2019). Using Stable Isotope Analysis to Evaluate the Diet of the North American River Otter throughout Ohio. Paper presented at the Annual Midwest Fish and Wildlife Conference, Cleveland, OH.

Anchor, G, S McKenzie, C Anchor, and S Gehrt. (2019). Impacts of Coyotes (*Canis latrans*) on White-tailed Deer (*Odocoileus virginianus*) Behavior and Mortality in the Chicago Region. Poster session presented at the CFAES Annual Research Conference, Columbus, OH. April 22, 2019.

**1st place award for MS poster presentations

Anchor, G, S McKenzie, C Anchor, and S Gehrt. (2019). Impacts of Coyotes (*Canis latrans*) on the White-tailed Deer (*Odocoileus virginianus*) Population and Behavior in a Suburban Forest Preserve. International Urban Wildlife Conference (IUWC), Portland, OR, USA, 02 – 05 June 2019.

Milling, C, S Gehrt, F Rohwer, J Bushaw. (2019) Hierarchical habitat use by raccoons *Procyon lotor* in the Prairie Potholes Region of Manitoba. Annual Conference of the American Society of Mammalogists, Washington DC, 28 June – 2 July 2019.

Worsley-Tonks, K., Bender J., Gehrt S., Johnson T., McKenzie S., Travis D., Craft M. E. (2019) Antimicrobial resistance in urban mesocarnivores and domestic dogs. Quantitative Epidemiology Seminar, University of Minnesota, Saint Paul, MN, USA, 09 December 2019.

Worsley-Tonks K., Johnson T., Gehrt S., McKenzie S., Craft M. E. (2019). Antimicrobial Resistance in Urban Mesocarnivores. Symposium on Antimicrobial Resistance in Animals and the Environment, Tours, France, 01 – 03 July 2019.

Worsley-Tonks K., Gehrt SD., Johnson TJ., McKenzie S., Travis D, Weber BP, Craft M E. (2019). Host and Environmental Predictors of Antimicrobial Resistance in Urban Mesocarnivores. International Urban Wildlife Conference (IUWC), Portland, OR, USA, 02 – 05 June 2019.

Anchor, G, S McKenzie, C Anchor, S Gehrt. 2018. Foraging behavior of white-tailed deer in response to an indicator of coyote presence in a suburban forest preserve. The Wildlife Society's 25th Annual Conference. 7-11 October, 2018, Cleveland, OH.

Robertson KE, Tonra SM, Gehrt SD. 2018. The influence of demographic, social, and environmental factors on chronic stress in free-ranging coyotes. The 98th Annual Meeting of the American Society of Mammalogists. June 28, 2018. Manhattan, KS.

Robertson K, McKenzie S, Anchor C, Gehrt S. 2018. Examining exploratory tendencies of free-ranging coyotes via novel object testing. The Wildlife Society's 25th Annual Conference. October 11, 2018. Cleveland, OH.

Worsley-Tonks K., Johnson T., Gehrt S., McKenzie S., Travis D., Craft M. E. 2018. Antimicrobial Resistance in Urban Mesocarnivores. Oral presentation. The Conference of Research Workers in Animal Diseases (CRWAD), Chicago, IL, USA, 01 – 04 December 2018.

Worsley-Tonks K., Johnson T., Gehrt S., McKenzie S., Travis D., Craft M. E. 2018. Antimicrobial Resistance in Urban Mesocarnivores. Oral presentation. International Symposium of Veterinary Epidemiology and Economics (ISVEE) Conference, Chiang Mai, Thailand, 12 – 16 November 2018.

Worsley-Tonks K., Johnson T., Gehrt S., McKenzie S., Travis D., Craft M. E. 2018. Antimicrobial Resistance in Urban Mesocarnivores. Poster presentation. Ecology and Evolution of Infectious Disease (EEID) Annual Conference, Glasgow, UK, 29 May – 2nd June 2018.

Worsley-Tonks K., Johnson T., Gehrt S., McKenzie S., Travis D., Craft M. E. 2018. Antimicrobial Resistance in Urban Mesocarnivores. Poster presentation. International Conference on One Medicine One Science (iCOMOS), Minneapolis, MN, USA, 29th Apr - 2nd May 2018.

Wurth, A, Dubach, J, and SD Gehrt. 2018. Genetic Aspects of Boldness and Aggression. The Wildlife Society National Meeting, Cleveland Ohio, October 7-12.

Wurth, A, and SD Gehrt. 2018. Analyzing behavior and aggression in coyotes across contexts and urbanization gradients. American Society of Mammalogists, Manhattan, KS, June 25.

Gehrt, SD. 2018. Keynote address. Structure and dynamics of the coyote population in an urban environment: Lessons from spatial ecology. 2nd International Jackal Symposium, Marathon Bay, Greece. Oct. 30, 2018.

Gehrt, SD. 2018. Invited presentation. An apex predator: The coyote establishes predator functions in Chicago, USA. 2nd International Jackal Symposium, Marathon Bay, Greece. Oct. 30, 2018.

Gehrt, SD. 2018. Invited Graduate Colloquium Lecture: Ghost dogs: coyotes as top predators of the city, Oct 25, 2018, Northern Illinois University

Gehrt, SD. 2018. Invited. Graduate Colloquium Seminar: The expanding ecological envelope of the coyote & patterns of human-coyote conflict, Oct 26, 2018, Northern Illinois University

Gehrt, SD. 2018. Ghost Dogs: Living with Urban Coyotes. Keynote address, Metroparks Annual Conference, Toledo, Ohio, Feb. 2, 2018.

Newsome, SD, EM Muntz, EC Wilson, SD Gehrt. 2017. Individual Variation in Resource and Habitat Use in a Synanthropic Carnivore. Invited presentation, Individual Variation Symposium, Annual Conference of The Wildlife Society, Albuquerque, New Mexico.

Gehrt, SD. 2017. Coyote use of the urban core: Variation in movements, activity, diet, and conflict implications. Invited presentation, Symposium: The biology of canids in human dominated landscapes, 12th International Mammalogical Congress, Perth, Australia, July 9-15.

Gehrt, SD. 2017. Keynote address. Carnivores among people: urban ecology of carnivores with insights from coyotes in Chicago. 33rd Congress of the International Union of Game Biologists, Montpellier, France.

Gehrt, SD, S McKenzie, EH Ellington, SD Newsome, C Anchor. Extreme urban ecology of coyotes in the core of Chicago, Illinois, USA. Invited presentation, Urban Coyote Symposium, International Urban Wildlife Conference, San Diego, CA, June 4-7, 2017.

Wurth, A, J Dubach, and S Gehrt. 2017. Body condition, behavior, and genetic comparisons among coyotes along an urban-rural gradient. 97th annual conference of the American Society of Mammalogists, Moscow, Idaho, June 20-24.

Katie E. Robertson, Shane C. McKenzie, and Stanley D. Gehrt. 2017. Seasonal body condition and space use of urban raccoons in the Chicago Metropolitan Area. 97th annual conference of the American Society of Mammalogists, Moscow, Idaho, June 20-24.

Meggan E. Craft, Jennifer J.H. Reynolds, Ben T. Hirsch, and Stanley D. Gehrt. Raccoon contact networks and rabies transmission dynamics. International Urban Wildlife Conference, San Diego, CA, June 4-7, 2017.

Katie Robertson, Shane McKenzie, Chris Anchor and Stan Gehrt. Flight Initiation distance as an indicator of relative coyote boldness across and urbanization gradient. International Urban Wildlife Conference, San Diego, CA, June 4-7, 2017.

Ashley Wurth, Jean Dubach, and Stan Gehrt. Behavior and Genetic Comparisons Among Coyotes Along An Urban-Suburban Gradient. International Urban Wildlife Conference, San Diego, CA, June 4-7, 2017.

Wurth, A, J Dubach and SD Gehrt. 2016. Potential genetic markers for bold or aggressive behaviors in the coyote. The Wildlife Society National Meeting, Raleigh, NC, October 14-19. Poster presentation.

Wurth, A, S McKenzie and SD Gehrt. 2016. Influence of urbanization on the body condition of the coyote (*Canis latrans*) in the Chicago Metropolitan Area. Midwest Fish and Wildlife Conference, Grand Rapids, Michigan, January 24-27.

Wurth, A, D Minich and SD Gehrt. 2016. Golf courses as a potential refuge or habitat for coyotes in the Chicago Metropolitan Area. Midwest Fish and Wildlife Conference, Grand Rapids, Michigan, January 24-27. Poster presentation.

Ellington, EH, E Muntz, M Lemieux, E Wilson, and S Gehrt. 2016. Space use and movement patterns of coyotes in Cape Breton Highlands National Park. The Wildlife Society Annual Conference, Raleigh, North Carolina.

Gehrt, SD, C. Anchor, and S. McKenzie. 2016. An apex urban predator: the coyote establishes predator functions in the Chicago area. American Society of Mammalogists Annual Conference, Minneapolis, Minnesota.

Wurth, AM, JM Dubach, SD Gehrt. 2016. Long-term pair bonding and monogamy: are coyotes faithful even in high population densities and cities? American Society of Mammalogists Annual Conference, Minneapolis, Minnesota.

Ellington, EH, P Flournoy, C Dwyer, and S Gehrt. 2016. Factors influencing estimates of river otter abundance following reintroduction: pre- and post-harvest assessment. American Society of Mammalogists Annual Conference, Minneapolis, Minnesota.

Robertson, K, S McKenzie, C Anchor, and SD Gehrt. 2015. Is bolder better? Using flight initiation distance and novel object testing to examine behavioral syndromes in free-ranging urban coyotes. Annual Conference of The Wildlife Society, Winnipeg, Canada.

Gehrt, SD, E Wilson, E Muntz, SD Newsome. 2015. Ecological aspects of coyote-human conflicts in Cape Breton Highlands National Park, Nova Scotia. Annual Conference of The Wildlife Society, Winnipeg, Canada.

Craft, M, J Reynolds, B Hirsch, S Gehrt. 2015. Raccoon contact networks and rabies transmission dynamics. Annual Conference of The Wildlife Society, Winnipeg, Canada.

Gehrt, SD, S McKenzie, C Anchor, D Alexander, and SD Newsome. 2015. Interspecific variation in response to subsidies between raccoons and coyotes in the Chicago Metropolitan Area. Symposium: The effects of anthropogenic food on urban wildlife. International Urban Wildlife Conference, Chicago, Illinois.

Wurth, A, S McKenzie, C Anchor, and S Gehrt. 2015. The influence of urbanization on body size of the coyote (*Canis latrans*) in the Chicago area. International Urban Wildlife Conference, Chicago, Illinois.

Kennedy, SI, TL Robison, SD Gehrt. 2015. White-tailed deer doe movement and fawn survival in an urban park system. International Urban Wildlife Conference, Chicago, Illinois.

Craft, M, J Reynolds, B Hirsch, S Gehrt. 2015. Raccoon contact networks and rabies transmission dynamics. Rabies in the Americas, Fort Collins, Colorado.

Kennedy, SI, TL Robison, SD Gehrt. 2015. White-tailed deer doe movement and fawn survival in an urban park system. Annual Conference of The Wildlife Society, Winnipeg, Canada.

Gehrt, SD. 2015. "Is the Urban Coyote a Synanthropic Misanthrope?." Invited Seminar, National Socio-Environmental Synthesis Center. Annapolis, Maryland.

Gehrt, SD. 2015. From Chicago to Cape Breton: the expanding ecological envelope of the coyote and patterns of human-coyote conflict. Invited departmental seminar, UCLA, Los Angeles, CA.

Gehrt, SD. 2015. Population ecology of free-ranging cats. Invited presentation, MEOW! Invited presentation, University of California-Los Angeles, Natural History Museum of Los Angeles, Los Angeles, CA.

Gehrt, SD. 2015. Keynote address. "Ghost Dogs: Coyotes as Top Predators in the City." Presented at La Kretz Center Annual Lecture, California. **Distinguished lecture series** for UCLA, 6th Annual La Kretz Lecture.

Gehrt, SD. 2014. Coyotes in the Loop: A close-up view of survival in the urban core. Invited, New Horizons in Science, ScienceWriters 2014, Oct. 20, Columbus, Ohio.

Gehrt, SD. 2014. **Keynote address.** Urban Carnivores: Coyotes in Chicago. Simposio: Impactos de las Infraestructuras Humanas sobre la Vida Silvestre. 30th Anniversary, ICOMVIS, Universidad Nacional Costa Rica. Oct. 16, Heredia, Costa Rica.

Gehrt, SD. 2014. Is the urban coyote a misanthropic synanthrope? Invited Seminar, Biology Department, Eastern Illinois University, November 20, 2014.

Wilson, EC, and SD Gehrt. 2014. Seroprevalence of infectious disease among sympatric carnivores in the Chicago Metropolitan Area. American Society of Mammalogists, Oklahoma City, Oklahoma, June 7-11.

Wilson, EC, and SD Gehrt. 2014. Spatio-temporal variation in movement patterns among

coyotes across an intensive urban landscape. Annual Conference of The Wildlife Society, Pittsburgh, Pennsylvania, October 25-29.

Kennedy, SI, TL Robison, and SD Gehrt. 2014. Neonatal home ranges and survival rates of white-tailed deer in an urban park system. Annual Conference of The Wildlife Society, Pittsburgh, Pennsylvania, October 25-29. Poster presentation.

Reynolds, JJH, BT Hirsch, SD Gehrt, S Prange, SA Hauver, ME Craft. 2014. Using network modeling to investigate rabies spread through a raccoon population. 98th Ecological Society of America Annual Conference.

Hirsch, BT, J Reynolds, M Craft, S Prange, S Hauver, SD Gehrt. 2014. Are seasonal outbreaks of rabies due to birth peaks or behavioral changes? International Behavioral Ecology Congress.

Hirsch, BT, J Reynolds, Craft M, S Prange, S Hauver, SD Gehrt. 2013. Highly connected raccoon social networks and disease spread. Animal Behavior Society Annual Meeting, Boulder, Colorado 28 July – 1 August, 2013.

Gehrt, SD, EC Wilson, SD Newsome, HM Garbe, C Anchor. 2013. Coyote use of the urban matrix: variation in movements, activity, diet, and conflict implications. Annual Conference of The Wildlife Society. Milwaukee, Wisconsin.

Reynolds, J, BT Hirsch, S Prange, S Hauver, SD Gehrt, M Craft. 2013. Highly connected raccoon social networks and disease spread. Presented at Ecological Society of America conference. Minneapolis, Minnesota.

Gehrt, SD. 2013. Urban coyotes. **Plenary**. Annual Meeting of the Texas Chapter of The Wildlife Society, February 21-22, 2013, Houston, Texas.

Gehrt, SD. 2013. Urban carnivores: special challenges for uneasy neighbors. **Keynote address** Ohio Certified Master Naturalists Annual Conference, April 23, 2013, Xenia, Ohio.

Gehrt, SD. 2013. **Keynote address**. Urban Carnivores: Special Challenges for Uneasy Neighbours. Presented at 9th International Conference on Behaviour, Physiology and Genetics of Wildlife. Berlin, Germany.

Gehrt, S.D., E.C. Wilson, S.D. Newsome, H.M. Garbe, and C. Anchor. 2013. Coyote use of the urban matrix: variation in movements, activity, diet, and conflict implications. Symposium contribution, Annual Conference of The Wildlife Society, Oct. 7, Milwaukee, WI.

Gehrt, SD. 2012. Urban carnivores: special challenges for uneasy neighbors. Invited presentation for Symposium: 'Carnivore conservation in human-dominated systems' at Ecosummit 2012. Columbus, Ohio.

Gehrt, SD. 2012. "Is the Urban Coyote a Synanthropic Misanthrope?." Departmental Seminar, University of Wyoming.

Hirsch, BT, S Prange, SA Hauver, SD Gehrt. 2012. "Genetic relatedness does not predict
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raccoon social network structure." Presented at Annual Conference of The Wildlife Society. Portland, Oregon.

Garbe, HM, SD Gehrt. 2012. Efficacy of relocation for urban coyotes (*Canis latrans*). Presented at Annual Conference of the American Society of Mammalogists. Reno, Nevada.

Gehrt, SD, C Anchor. 2012. Do urban coyotes adjust to roads and traffic? Evidence from survival and causespecific mortality. Presented at Annual Conference of the American Society of Mammalogists. Reno, Nevada.

Wilson, EC, SD Gehrt, C Anchor. 2012. "Habitat selection and spatial overlap between coyotes and free-roaming cats in urban parks." 73rd Midwest Fish & Wildlife Conference. Wichita, Kansas.

Reddell, CD, SD Gehrt, HM Garbe. 2012. "Examining the urban ecology of the Virginia opossum." Presented at 73rd Midwest Fish & Wildlife Conference. Wichita, Kansas.

PROFESSIONAL SERVICES

Review Panelist:

National Science Foundation Ecological Biology Advisory Panel (2005, 2006, 2007, 2008), at large reviewer 2009, 2010.

Research Grade Evaluation Panel, United States Geological Survey (2005).

Research Grade Evaluation Panel, USDA National Wildlife Research Center (2017)

At-large Grant Reviewer. National Sciences and Engineering Research Council of Canada (2014, 2016, 2019)

Parks Canada Scientific Research Panel (2010-2013)

Organizing Committee International Jackal Symposium (2018)

Scientific Committee International Jackal Symposium (2018)

SENR VetMed / SENR Wildlife Disease Ecologist Search Committee

External Reviewer, Promotion & Tenure:

University of North Carolina Charlotte, University of Illinois Urbana-Champaign, University of California Los Angeles, Wheaton College, University of Florida, Purdue University, University of Kentucky, Texas A&M, Arizona State University.

Faculty Search Evaluator: Assistant Professor of Global Change Biology; University for Veterinary Medicine-Vienna, Austria

2012 Reviewer. US Fish Wildlife Service, External reviewer for the Draft Recovery Plan for the four subspecies of Island Fox.

Book Review

Coyote After Dark, children's book

Scientific Advisor:

Wings over Water (IMAX film), in production.

<http://wingsoverwaterfilm.com/>

<https://vimeo.com/367287013>

University Committees:

SENR Graduate Studies Committee (2005-2008)

SENR Honors Committee (2005-2008)

CFAES Faculty Council (2006-2009, **Chair**, 2008)

CFAES Sustainability Council (**Chair** 2009, 2010)

SENR Promotion & Tenure Committee (2015-present, **Chair** 2021-present)

SENR **Chair**, Wildlife Ecologist Search Committee (2015)

SENR VetMed / SENR Wildlife Disease Ecologist Search Committee (2017, 2018)

Professional Societies:

2013 – 2014, Chair. Wildlife Society, The, International Urban Wildlife Conference Program Committee

2011 - 2013 Chair. Wildlife Society, The, Urban Wildlife Working Group Executive Committee

2008 - 2010 At-large Member. Wildlife Society, The, Urban Wildlife Working Group Executive Committee

2001 - 2016 American Society of Mammalogists, Grants and Honoraria Committee

Editor/Reviewer:

Associate Editor, Wildlife Research (2009-2012)

Associate Editor, Journal of Wildlife Management (2009-2012)

Associate Editor, Journal of Wildlife Management (2002-2004)

Guest Editor for Southeastern Naturalist (2005)

Reviewer for:

Ecology, PNAS, Behavioral Ecology, American Midland Naturalist, Journal of Mammalogy, Prairie Naturalist, Ecological Conservation, Journal of Wildlife Management, Wildlife Society Bulletin, Ecological Applications, Behavioral Ecology and Sociobiology, Urban Ecosystems, Proceedings of the Southeastern Fish and Wildlife Conference, Biological Conservation, Conservation Biology, Canadian Journal of Zoology, Oecologia, International Rehabilitation, Northeastern Naturalist, Southeastern Naturalist, Western North American Naturalist, Mammalia, ACTA Theriologica Zoologia, Urban Landscapes and Planning, Landscape Ecology, Mammalian Biology, Cities and the Environment, Southwestern Naturalist, ACTA Chiropterologica, Journal of Wildlife Rehabilitation, Oikos, Ecology Letters, PLoS Biology, Wildlife Research, Wildlife Monographs

Smithsonian University Press

The Johns Hopkins University Press

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EXTENSION AND OUTREACH

During my tenure at OSU (2003-2023) I have presented >300 extension presentations to >18,000 members of the general public.

One of the most impactful outreach products is a website I developed years ago and update regularly. In 2023, we averaged >6k visits each week, resulting in >300k visits annually.

In addition, I invest considerable effort in responding to media requests.

Recent Media:

- **The Wildlife Society Feature Article**
 - Coyotes face the stress of the city
 - September 25, 2023
 - <https://wildlife.org/coyotes-face-the-stress-of-the-city>
- **Psychology Today**
 - City Life Adds to the Stresses of Urban Coyotes
 - August 29, 2023
 - <https://www.psychologytoday.com/us/blog/animal-minds/202308/city-life-adds-to-the-stresses-of-urban-coyotes>
- **The New York Times**
 - Coyotes in Queens? Yes, There Are a Few
 - Oct 17, 2023
 - <https://www.nytimes.com/2023/10/16/nyregion/coyotes-new-york.html>
- **Farm and Dairy**
 - March 24, 2023
 - Badgers and coyotes sometimes hunt together
 - <https://www.farmanddairy.com/news/badgers-and-coyotes-sometimes-hunt-together/762154.html>
- **NBC4 Columbus (6 pm TV)**
 - Child recovering after being bitten by coyote in south Columbus
 - Sep 7, 2023
 - <https://www.nbc4i.com/news/local-news/columbus/child-recovering-after-being-bit-by-coyote-in-south-columbus/>
- **Cleveland.com**
 - Coyote attacks child near Columbus apartment complex, reports say
 - Sept 8, 2023

- <https://www.cleveland.com/nation/2023/09/coyote-attacks-child-near-columbus-apartment-complex-reports-say.html>
- **Orlando Sentinel**
 - Coyotes are on the prowl in downtown Orlando-area neighborhoods
 - Jun 22, 2023
 - <https://www.orlandosentinel.com/2023/06/22/coyotes-are-on-the-prowl-in-downtown-orlando-area-neighborhoods/>

2022

- **The Weather Network**
 - Study sheds light on 2009 death of hiker in Cape Breton coyote attack
 - December 17, 2022
 - <https://www.theweathernetwork.com/en/news/nature/animals/study-sheds-light-on-2009-death-of-toronto-hiker-in-cape-breton-coyote-attack-nova-scotia>
- **Yahoo News - CBC**
 - **New study shares insight into 2009 death of woman in Cape Breton coyote attack**
 - December 15, 2022
 - https://ca.news.yahoo.com/study-shares-insight-2009-death-134036991.html?guccounter=1&guce_referrer=aHR0cHM6Ly93d3cuZ29vZ2xlMmNvbS8&guce_referrer_sig=AQAAAM_Vkr4H46_zPgDbhtMesI3H3d_FH43nmrwaUNqsvRiCRlfd_WBvxRlZ4ux_GB5OjuBXVeTic1EG-HnyHp0V2Y-QfpcssipC5KIlcIMYTdbLTnHRomY_Bck4cpMFpyJD6gyJ77AV1u6ZCH3Js8zn4PbbM8BIMvl0tJXTdlaXJaRMq
- **The New York Times**
 - A New England Town Invaded by Coyotes Calls in the Sharpshooters
 - December 31, 2022
 - <https://www.nytimes.com/2022/12/31/us/coyotes-sharpshooters-nahant-massachusetts.html>
- **Irish Examiner**
 - Richard Collins: Fearless coyotes spark behaviour investigation
 - December 29, 2022
 - <https://www.irishexaminer.com/lifestyle/outdoors/arid-41035031.html>
- **Daily Mail**
 - December 17, 2022
 - Has mystery of Canadian singer's fatal mauling by coyotes finally been solved?
 - <https://www.dailymail.co.uk/news/article-11549397/New-theory-death-Canadian-singer-songwriter-mauled-coyotes.html>
- **National Post**
 - Humans became 'alternative prey': New theory on Canada's only fatal coyote attack
 - December 14, 2022
 - <https://o.canada.com/news/canada/fatal-coyote-attack-canada>

- **The New York Times**
 - Coyotes Came to New York City, but Not for Our Pizza
 - October 3, 2022
 - <https://www.nytimes.com/2022/10/03/science/coyotes-new-york-diets.html>

- **Farm and Dairy**
 - Ohio State researchers aim to help farmers understand coyote threats
 - July 27, 2022
 - <https://www.farmanddairy.com/news/ohio-state-researchers-aim-to-help-farmers-understand-coyote-threats/727876.html>

- **National Geographic Magazine**
 - Why cities are going wild
 - July 2022, pg 76-97.
 - Assisted Corey Arnold with obtaining images in the field (over 3 weeks)
 - *From the photog recently: "... your coyote #1288 ended up on three international covers of National Geographic including Israel, Japan and Korea.... the project has also been shortlisted for top prizes in several international photo contests, so the images might be travelling in several exhibitions around the world all year."*

- **The Guardian**
 - 'Dawn of a new creature': after a vicious attack, a city ponders living with coyotes
 - May 23, 2022
 - <https://www.theguardian.com/us-news/2022/may/23/urban-coyotes-us-suburbs-dallas>

Electronic Media

- **National Geographic**
 - How killing wildlife in the United States became a game
 - April 27, 2022
 - <https://www.nationalgeographic.com/animals/article/how-killing-wildlife-became-a-game>

- **Gizmodo.com**
 - A Decade-Old Coyote Attack Mystery May Be Solved
 - December 12, 2022
 - <https://gizmodo.com/coyote-attack-canada-taylor-mitchell-moose-1849884144>

- **PetsPatio.com**
 - How coyote are hunting in communities and how Pets Patio helps protect
 - July 11, 2022
 - <https://petspatio.com/blogs/test/how-coyote-are-hunting-in-communities-and-how-pets-patio-helps-protect>

- **CNET.com**
 - Scientists Now Know Why Coyotes Unexpectedly Killed a Human in 2009
 - December 18, 2022
 - <https://www.cnet.com/science/biology/scientists-now-know-why-coyotes-unexpectedly-killed-a-human-in-2009/>

Radio:

- **CBC Radio – Cape Breton**
 - December 15, 2022
 - Cape Breton attacks
- **CBC Radio's Information Morning**
 - December 15, 2022
 - Cape Breton attacks
- **The Weather Network**
 - December 14, 2022
 - Cape Breton attacks
- **CBC Radio – Ottawa Morning**
 - September 13, 2022
 - Coyote attacks
- **AUEN- Viewpoints**
 - February 23, 2022
 - Urban wildlife

American Urban Radio Networks (AURN) is the only African-American controlled RADAR rated radio Network Company in the United States. Privately held for over 47 years, AURN reaches an estimated 25 million listeners each week.

2021

- **Popular Science.** February 9, 2021. Four wild animals that are thriving in cities.
 - <https://www.popsci.com/story/animals/urban-animal-populations-thrive/>
- **New York Times.** February 18, 2021. Attacks by Urban Coyotes Are Rare, but Frightening
 - <https://www.nytimes.com/2020/01/09/science/chicago-coyote-attacks.html>
- **Vancouver Sun.** March 9, 2021. Urban wildlife expert links feeding coyotes to attacks on humans in Stanley Park
 - <https://vancouver.sun.com/news/local-news/urban-wildlife-expert-links-feeding-coyotes-to-attacks-on-humans>
- **CBC Radio, Quirks and Quarks.** April 9, 2021. How coyotes have managed to find success in the city like no other predator
 - <https://www.cbc.ca/radio/quirks/coyotes-doing-well-in-the-city-asteroid-impact-created-rainforests-the-minimal-organism-and-more-1.5980412/how-coyotes-have-managed-to-find-success-in-the-city-like-no-other-predator-1.5980419>
- **Toronto Star.** August 2, 2021. Coyotes are already among us. In fact, they may be Toronto's most successful urban invader since the squirrel.
 - <https://www.thestar.com/news/gta/2021/08/02/coyotes-are-already-among-us-in-fact-they-may-be-torontos-most-successful-urban-invader-since-the-squirrel.html>

- **CBC Kids News.** August 12, 2021. What to do if you meet a coyote in the city.
 - <https://www.cbc.ca/kidsnews/post/what-to-do-if-you-meet-a-coyote-in-the-city>
- **Minneapolis St Paul Magazine.** November 22, 2021. Tracking City Foxes and Coyotes.
 - <https://mspmag.com/arts-and-culture/twin-cities-foxes-coyotes/>
- **The Globe and Mail.** January 2, 2022. More coyotes are adapting to urban areas in Canada. Here's why they thrive in cities.
 - <https://www.theglobeandmail.com/canada/article-more-coyotes-are-adapting-to-urban-areas-in-canada-heres-why-they/>
- **PBS Overview.** November 4, 2021.
 - <https://www.youtube.com/watch?v=OB7nomE1VL4&t=326s>

2020

- **NBC News.** January 9, 2020. Coyotes bite 5-year-old boy, man in attacks in Chicago.
 - <https://www.nbcnews.com/news/us-news/coyotes-bite-5-year-old-boy-man-attacks-chicago-s-n1112816>
- **Chicago Tribune.** January 9, 2020. Thousands of coyotes live in the Chicago area. But attacks on people, like the one that left a young boy injured, are extremely rare.
 - <https://www.chicagotribune.com/news/environment/ct-coyotes-chicago-20200109-n5tubflfqjg5jb5fm246xhniuy-story.html>
- **The Washington Post.** January 10, 2020. Coyotes may have attacked Chicagoans twice this week after decades of leaving people alone.
 - <https://www.washingtonpost.com/science/2020/01/10/coyotes-may-have-attacked-chicagoans-twice-this-week-after-years-leaving-people-alone/>
- **NPR – All Things Considered.** January 10, 2020. Why coyotes-up to 4,000 of them- are turning up in Chicago.
 - <https://www.npr.org/2020/01/10/795366569/why-coyotes-up-to-4-000-of-them-are-turning-up-in-chicago>
- **Safety and Health Magazine.** February 23, 2020. Coyote encounters: Do you know what to do?
 - <https://www.safetyandhealthmagazine.com/articles/19442-coyote-encounters-do-you-know-what-to-do>
- **Boston Globe.** April 17, 2020. Flocks of turkeys. Swarms of rats. The pizza groundhog. Animals are taking over the streets.
 - <https://www.bostonglobe.com/2020/04/19/opinion/animals-abound-now-thats-not-nature-bouncing-back/>
- **Farm and Dairy.** June 11, 2020. Coyotes are here to stay – and that's ok.
 - <https://www.farmanddairy.com/columns/coyotes-are-here-to-stay-and-thats-ok/615795.html>
- **Columbus Monthly.** June 24, 2020. Coyotes are here to stay. Can Columbus adapt?
 - <https://www.columbusmonthly.com/lifestyle/20200624/coyotes-are-here-to-stay-can-columbus-adapt>
- **SPIDER – Magazine for Children.** July-August Issue. 'Wild Neighbors'. Vol. 27, pp 16-20.
- **The Jenny McCarthy Show – SiriusFM.** July 1, 2020.
- **Science News for Students.** September 3, 2020. Are coyotes moving into your neighborhood?

- <https://www.sciencenewsforstudents.org/article/coyotes-neighborhood-urban-suburban-city-habitat>
- **Star Tribune (Minnesota)**. September 11, 2020. Why do Minnesota coyotes howl when trains go by?
 - <https://www.startribune.com/why-do-minnesota-coyotes-howl-when-trains-go-by/571764131/>
- **CBS – Sunday Morning**. November 29, 2020. Are we making raccoons smarter?
 - <https://www.cbsnews.com/news/are-we-making-raccoons-smarter/>

- **The economist**
 - <https://www.economist.com/united-states/2020/01/16/unpacking-the-rise-of-urban-coyotes>

2019

- **Washington Post**
 - <https://www.washingtonpost.com/climate-environment/2019/06/03/killing-wolves-was-supposed-solve-problem-created-one-that-will-last-forever/>
- **National Geographic**
 - <https://www.nationalgeographic.com/animals/2019/11/coyotes-expansion-north-america-wildlife-nation/>
- <http://neatside.com/2019/10/coyotes-have-adapted-to-big-city-living/>
- **Tulsa World**
 - https://www.tulsaworld.com/news/local/cat-owner-patrols-for-predators-after-coyote-killed-her-/article_eb03b9f4-4436-5c06-be8c-a1cdf5fba19c.html
- **Orlando Sentinel**
 - <https://www.orlandosentinel.com/opinion/scott-maxwell-commentary/os-op-orlando-urban-coyotes-scott-maxwell-20190927-wlrnsukemnhldn2je3b56exn6a-story.html>
- **Business Insider**
 - <https://www.businessinsider.in/animal-photos-show-how-different-species-are-adapting-to-city-life/one-example-of-this-is-the-wild-boar-wild-boars-have-been-spotted-in-both-asian-and-european-cities-/slideshow/70506129.cms>
- **Minnesota Star Tribune**
 - In Twin Cities turf war, residents scramble to adapt to new coyote neighbors
 - By Hannah Covington
 - January 26, 2019
 - <http://www.startribune.com/in-twin-cities-turf-war-residents-scramble-to-adapt-to-new-coyote-neighbors/504920012/>
- **Teen Kids News**

- How Wild Animals Are Hacking Life in the City?
- January 8, 2019
- <https://teenkidsnews.com/tkn-news/science/how-wild-animals-are-hacking-life-in-the-city/>
- The Atlantic
 - The Dog That's Famous for Not Wanting to Be Eaten by a Coyote
 - Amanda Mull
 - Dec 6, 2018
 - <https://www.theatlantic.com/science/archive/2018/12/beanie-the-dog-coyote-vest/577540/>
- Parks and Recreation Magazine
 - Coyotes Have Moved into Parks Across the United States — Now What?
 - April 6, 2018, Feature, by Richard J. Dolesh
 - <https://www.nrpa.org/parks-recreation-magazine/2018/april/coyotes-have-moved-into-parks-across-the-united-states-now-what/>
- Washington Post
 - Here's why there are so many coyotes and why they are spreading so fast
 - By Darryl Fears
 - May 22, 2018
 - https://www.washingtonpost.com/news/animalia/wp/2018/05/22/heres-why-there-are-so-many-coyotes-and-why-they-are-spreading-so-fast/?noredirect=on&utm_term=.68aee2d623e1
- Outdoor News
 - In Ohio, coyote research sheds new light on 'tricksters'
 - May 28, 2018
 - Jane Beathard
 - <https://www.outdoornews.com/2018/05/28/ohio-coyote-research-sheds-new-light-tricksters/>
- Smithsonian Magazine
 - Foxes and Coyotes are Natural Enemies. Or Are They?
 - Urban environments change the behavior of predator species—and that might have big implications for humans
 - By Lorraine Boissoneault
 - March 8, 2018
 - <https://www.smithsonianmag.com/science-nature/foxes-and-coyotes-are-natural-enemies-or-are-they-180968424/#HH2JQaecRk3eQ7ZK.99>
- Canadian Geographic

- Rise of the synanthropes
- By Kerry Banks
- February 12, 2018
- <https://www.canadiangeographic.ca/article/rise-synanthropes>
- Emergence Magazine
 - The Channel Coyotes
 - by Gavin Van Horn, 2018
 - <https://emergencemagazine.org/story/the-channel-coyotes/>

Television:

PBS Chicago, WTTW
 Chicago's Urban Coyotes
<http://chicagotonight.wttw.com/2015/03/26/chicagos-urban-coyotes>

NBC Nightly News (national)
 January 20, 2015
<http://www.nbcnews.com/watch/nightly-news/coyotes-find-new-homes-in-major-u.s.-cities-386849347605>

NBC Today Show
 January 20, 2015
 Coyotes invade Chicago
<http://www.today.com/video/today/56827273#56827273>

NBC Chicago
 January 20, 2015
 Scientists: Hundreds of coyotes call downtown Chicago home.
<http://www.nbcchicago.com/news/local/chicago-coyotes-289187901.html>

CTV Morning Live, Ottawa, Ontario. February 28, 2014. Live interview.

National Geographic TV
 Urban Jungle: episode 'Downtown'
 First showing August 3, 2014

WTTW, Chicago Tonight
 'Large Carnivores'
 September 23, 2014 Live interview
<http://chicagotonight.wttw.com/2014/09/23/coexisting-wildlife>

PBS Nature
 'Meet the Coywolf'
 first showing February 4, 2014
<http://www.pbs.org/wnet/nature/coywolf-meet-the-coywolf/8605/>
<http://www.imdb.com/title/tt4104058/>

Canadian Broadcasting Company
David Suzuki's The Nature of Things: 'Coy-Wolves'
first showing February 6, 2013

PBS Nature
'Raccoon Nation'
first showing August 18, 2012
<http://www.imdb.com/title/tt2200465/>

CNN
The Situation Room with Wolf Blitzer
April 17, 2012

Canadian Broadcasting Company
David Suzuki's The Nature of Things: 'Raccoon Nation'
first showing February 8, 2012

National Geographic Wild
Wild Scene Investigations series, episode 6.
April 21, 2012

CBS – Chicago 10 O'clock news
Special Report with Bill Kurtis
May 2012

WGN-TV, Jan. 31, 2011
Coyotes spotted in NW Chicago
<http://www.wgntv.com/wgntv-coyote-sightings-budlong-woods-jan31,0,6265385.story>

ABC7 News, Feb. 7, 2011
Special Segment: Coyotes
http://abclocal.go.com/wls/story?section=news/special_segments&id=7945162

ABC Nightline (national)
Killed by Coyotes
Feb. 17, 2011

National Geographic
'Killed by Coyotes?'
First showing, Feb. 18, 2011
<http://channel.nationalgeographic.com/channel/episode/killed-by-coyotes-5169>
<http://channel.nationalgeographic.com/videos/urban-coyote-expert/>

National Geographic TV
'Invaders' television series, Coyote Army
first showing August 2011

Animal Planet
'The uprising'
first showing August 2010

Discovery Channel
'Suburban Monsters'
first showing November 2010

History Channel
'Life Without People': episode Toxic Revenge
(original airing January 12, 2010)

Film

American Coyote: Still Wild at Heart (2009) Living World Films, LLC.