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Education

- | | |
|--|-------------|
| PhD – University of Georgia | 2008 |
| • Ecology | |
| MS – University of Georgia | 2003 |
| • Conservation Ecology and Sustainable Development | |
| BS – University of Georgia | 2000 |
| • Ecology, <i>cum laude</i> | |

Professional Employment

- | | |
|--|---------------------|
| Professor | 2019–present |
| Associate Professor | 2014–2019 |
| Assistant Professor | 2009–2014 |
| Department of Wildlife, Fish, and Conservation Biology
University of California, Davis | |
| Postdoctoral Research Associate | 2008–2009 |
| Wildlife Ecotoxicology and Physiological Ecology Program
Department of Fisheries and Wildlife Sciences
Virginia Polytechnic Institute and State University | |

Refereed Publications

90. **Todd BD**, Jenkinson TS, Escalona M, Beraut E, Nguyen O, Sahasrabudhe R, Scott PA, Toffelmier E, Wang IJ, Shaffer HB. In Press. Reference genome of the northwestern pond turtle, *Actinemys marmorata*. *Journal of Heredity*, forthcoming.
89. Nafus MG, Daly JA, Tuberville TD, Klimley AP, Buhlmann KA, **Todd BD**. In Press. Habitat use by desert tortoises suggests tradeoffs between resource use and risk avoidance. *PLoS ONE*, forthcoming.
88. Brown C, Nowakowski AJ, Keung NC, Yarnell S, Lawler SP, **Todd BD**. 2021. Untangling multi-scale habitat relationships of an endangered frog in streams to inform reintroduction programs. *Ecosphere* 12(10):e03799.

87. McGovern PA, Peaden JM, Buhlmann KA, **Todd BD**, Tuberville TD. 2021. Comparing post-release cover and burrow use by differentially head-started Mojave desert tortoises in southern California. *Conservation Evidence* 18:37–43.
86. Kueng NC, Lawler SP, Tarbell SM, **Todd BD**, Brown C. In Press. Movement ecology study of stream-dwelling Sierra Nevada Yellow-legged Frogs (*Rana sierrae*) to inform reintroductions. *Herpetological Conservation and Biology* 16(1):72–85.
85. **Todd BD**, Nowakowski AJ. 2021. Ectothermy and the macroecology of home range scaling in snakes. *Global Ecology and Biogeography* 30:262–276.
84. McGovern PA, Buhlmann KA, **Todd BD**, Moore CT, Peaden JM, Hepinstall-Cymerman J, Daly JA, Tuberville TD. 2020. The effect of size on postrelease survival of head-started Mojave Desert Tortoises. *Journal of Fish and Wildlife Management* 11(2):494–506.
83. McGovern PA, Buhlmann KA, **Todd BD**, Moore CT, Peaden JM, Hepinstall-Cymerman J, Daly JA, Tuberville TD. 2020. Comparing husbandry techniques for optimal head-starting of the Mojave Desert Tortoise (*Gopherus agassizii*). *Herpetological Conservation and Biology* 15(3):626–641.
82. Brown C, Keung NC, Dillingham CP, Mussulman S, Bushell J, Sollmann R, **Todd BD**, Lawler SP. 2020. Using demography to evaluate reintroductions for conservation of the endangered frog, *Rana sierrae*, in streams. *Herpetologica* 76(4):383-395.
81. Rose JP, **Todd BD**. 2020. Targeting eradication of non-native species using integral projection models. *Animal Conservation* 23(6):713-724.
80. Agha M, Yackulic CB, Riley MK, Peterson B, **Todd BD**. 2020. Brackish tidal marsh management and the ecology of a declining freshwater turtle. *Environmental Management* 66:644–653.
79. Agha M, Lovich JE, Ennen JR, **Todd BD**. 2020. Wind, sun, and wildlife: do wind and solar energy development “short-circuit” conservation in the western United States? *Environmental Research Letters* 15(7):075004.
78. Nowakowski AJ, Peaden JM, Tuberville TD, Buhlmann KA, **Todd BD**. 2020. Thermal performance curves based on field movements reveal context-dependence of thermal traits in a desert ectotherm. *Landscape Ecology* 35:893–906.
77. Brown C, Wilkinson LR, Wilkinson KK, Tunstall T, Foote R, **Todd BD**, Vredenburg VT. 2019. Demography, habitat, and movements of the Sierra Nevada Yellow-legged Frog (*Rana sierrae*) in streams. *Copeia* 107(4):661–675.
76. Yarnell SM, Peek RA, Keung N, **Todd BD**, Lawler S, Brown C. 2019. A lentic breeder in lotic waters: Sierra Nevada Yellow-Legged Frog (*Rana sierrae*) habitat suitability in northern Sierra Nevada streams. *Copeia* 107(4):676–693.
75. Daly JA, Buhlmann KA, **Todd BD**, Moore CT, Peaden JM, Tuberville TD. 2019. Survival and movements of head-started Mojave Desert Tortoises. *Journal of Wildlife Management* 83(8):1700–1710.

74. Rivera-Ordóñez JM, Nowakowski AJ, Manansala A, Thompson ME, **Todd BD**. 2019. Thermal niche variation among individuals of the poison frog, *Oophaga pumilio*, in forest and converted habitats. *Biotropica* 51:747–756.
73. Agha M, Yanagitsuru YR, Fangué NA, Nowakowski AJ, Kojima LV, Cech JJ, Riley MK, Freeman J, Cocherell DE, **Todd BD**. 2019. Physiological consequences of rising water salinity for a declining freshwater turtle. *Conservation Physiology* 7(1):coz054.
72. Rose JP, Wademan C, Weir S, Wood JS, **Todd BD**. 2019. Traditional trapping methods outperform eDNA sampling for introduced semi-aquatic snakes. *PLoS ONE* 14(7):e0219244.
71. Martínez A, Palumbo S, **Todd BD**. 2019. Bio-inspiration for anisotropic load transfer at soil-structure interfaces. *Journal of Geotechnical and Geoenvironmental Engineering* 145(10):04019074.
70. Tuberville TD, Buhlmann KA, Sollmann R, Nafus MG, Peadar JM, Daly JA, **Todd BD**. 2019. Effects of short-term outdoor head-starting on growth and survival in the Mojave Desert Tortoise (*Gopherus agassizii*). *Herpetological Conservation and Biology* 14(1):171–184.
69. Daly JA, Buhlmann KA, **Todd BD**, Moore CT, Peadar JM, Tuberville TD. 2018. Comparing growth and body condition of indoor-reared, outdoor-reared, and direct-release juvenile Mojave Desert Tortoises. *Herpetological Conservation and Biology* 13(3):622–633.
68. Nowakowski AJ, Frishkoff LA, Agha M, **Todd BD**, Scheffers BR. 2018. Changing thermal landscapes: merging climate science and landscape ecology through thermal biology. *Current Landscape Ecology Reports* 3(4):57–72.
67. Nowakowski AJ, Frishkoff LA, Thompson ME, Smith TM, **Todd BD**. 2018. Phylogenetic homogenization of amphibian assemblages in human-altered habitats across the globe. *Proceedings of the National Academy of Sciences, USA* 115:E3454–E3462.
66. Agha M, Ennen JR, Bower D, Nowakowski AJ, Sweat S, **Todd BD**. 2018. Salinity tolerances and use of saline environments by freshwater turtles: implications of sea level rise. *Biological Reviews* 93:1634–1648.
65. Agha M, **Todd BD**, Agustine B, Lhotka JM, Fleckensten LJ, Lewis M, Patterson C, Stringer J, Price SJ. 2018. Effects of gap-based silviculture on thermal biology of a terrestrial reptile. *Wildlife Research* 45:72–81.
64. Agha M, Riley MK, Sanford E, Carlton JT, Newman WA, **Todd BD**. 2018. A review of epizoic barnacles reported from freshwater turtles with a new record from California. *Herpetological Review* 49:25–28.
63. Nowakowski AJ, Watling JI, Bruschi G, Catenazzi A, Whitfield SM, Kurz D, Suarez-Mayorga A, Aponte-Gutiérrez A, Donnely MA, **Todd BD**. 2018. Thermal biology mediates responses of amphibians and reptiles to habitat modification. *Ecology Letters* 21:345–355.

62. Eskew EA, Shock BC, LaDouceur EEB, Keel K, Miller MR, Foley JE, **Todd BD**. 2018. Gene expression differs in susceptible and resistant amphibians exposed to *Batrachochytrium dendrobatidis*. *Royal Society Open Science* 5:170910.
61. Agha M, Ennen JR, Nowakowski AJ, Lovich J, Sweat S, **Todd BD**. 2018. Macroecological patterns of sexual dimorphism in turtles of the world. *Journal of Evolutionary Biology* 31:336–345.
60. Eskew EA, **Todd BD**. 2017. Too cold, too wet, too bright, or just right? Environmental predictors of snake movement and activity. *Copeia* 2017:584–591.
59. Peadar JM, Nowakowski AJ, Buhlmann KA, Tuberville TD, **Todd BD**. 2017. Effects of roads and roadside fencing on movements, space use, and carapace temperatures of a threatened tortoise. *Biological Conservation* 214:13–22.
58. Rose JP, **Todd BD**. 2017. Demographic effects of prolonged drought on a nascent introduction of a semi-aquatic snake. *Biological Invasions* 19:2885–2898.
57. Agha M, Smith AL, Lovich JE, Delaney D, Ennen JR, Briggs J, Fleckensten LJ, Tennant LA, Puffer SR, Walde A, Arundel TR, Price SJ, **Todd BD**. 2017. Mammalian mesocarnivore visitation at tortoise burrows in a wind farm. *Journal of Wildlife Management* 81:1117–1124.
56. Nafus MG, Tuberville TD, Buhlmann KA, **Todd BD**. 2017. Precipitation quantity and timing affect native plant production and growth of a key herbivore, the desert tortoise, in the Mojave Desert. *Climate Change Responses* 4:4.
55. Nowakowski AJ, Thompson ME, Donnelly MA, **Todd BD**. 2017. Amphibian sensitivity to habitat modification is associated with population trends and species traits. *Global Ecology and Biogeography* 26:700–712.
54. Agha M, Price SJ, Nowakowski J, Augustine B, **Todd BD**. 2017. Mass mortality of eastern box turtles with upper respiratory disease following atypical cold weather. *Diseases of Aquatic Organisms* 124:91–100.
53. Nowakowski AJ, Watling JI, Whitfield SM, **Todd BD**, Kurz DJ, Donnelly MA. 2017. Tropical amphibians in shifting thermal landscapes under land use and climate change. *Conservation Biology* 31(1):96–105.
52. **Todd BD**, Nowakowski AJ, Rose JP, Price SJ. 2017. Species traits explaining sensitivity of snakes to human land use estimated from citizen science data. *Biological Conservation* 206:31–36.
51. **Todd BD**, Rose JP, Price SJ, Dorcas ME. 2016. Using citizen science data to identify the sensitivity of species to human land use. *Conservation Biology* 30:1266–1276.
50. Nowakowski AJ, Whitfield SM, Eskew EA, Thompson ME, Rose JP, Kerby JL, Donnelly MA, **Todd BD**. Infection risk decreases with increasing mismatch in host and pathogen environmental tolerances. *Ecology Letters* 19:1051–1064.
49. Reed RN, **Todd BD**, Miano OJ, Canfield MJ, Fisher RN, McMartin L. 2016. Ecology and control of an introduced population of southern watersnakes (*Nerodia fasciata*) in southern California. *Herpetologica* 72(2):130–136.

48. **Todd BD**, Halstead BJ, Chiquoine LP, Peaden JM, Tuberville TD, Buhlmann KA, Nafus MG. 2016. Habitat selection by juvenile Mojave Desert Tortoises. *Journal of Wildlife Management* 80(4):720–728.
47. Meyer E, Eskew, EA, Chibwe L, Schrlau J, Simonich SLM, **Todd BD**. 2016. Organic contaminants in western pond turtles in remote habitat in California. *Chemosphere* 154:326–334.
46. Peaden JM, Nafus MG, Tuberville TD, Buhlmann KA, **Todd BD**. 2015. Delimiting road-effect zones for threatened species: implications for mitigation fencing. *Wildlife Research* 42:650–659.
45. Rose JP, Miano OJ, Cottle GR, Lovich RE, Palmer RL, **Todd BD**. 2015. A herpetological inventory of Naval Air Station Fallon, Churchill County, Nevada. *Western North American Naturalist* 75(4):526–534.
44. Eskew EA, Worth SJ, Foley JE, **Todd BD**. 2015. American Bullfrogs (*Lithobates catesbeianus*) resist infection by multiple isolates of *Batrachochytrium dendrobatidis*, including one implicated in wild mass mortality. *EcoHealth* 12:513–518.
43. Nafus MG, **Todd BD**, Buhlmann KA, Tuberville TD. 2015. Consequences of maternal effects on offspring size, growth and survival in the desert tortoise. *Journal of Zoology* 297:108–114.
42. Zaragoza G, Rose JP, Purcell K, **Todd BD**. 2015. Terrestrial habitat use by Western Pond Turtles (*Actinemys marmorata*) in the Sierra foothills. *Journal of Herpetology* 49:437–441.
41. Nafus MG, Germano JM, Perry JA, **Todd BD**, Walsh A, Swaisgood RR. 2015. Hiding in plain sight: a study on camouflage and habitat selection in a slow-moving desert herbivore. *Behavioral Ecology* 26:1389–1394.
40. Eskew EA, **Todd BD**, Hopkins WA. 2014. Extremely low prevalence of *Batrachochytrium dendrobatidis* infection in Eastern Hellbenders (*Cryptobranchus alleganiensis alleganiensis*) in Southwest Virginia, USA. *Herpetological Review* 45(3):425–427.
39. **Todd BD**, Blomquist SM, Harper EB, Osbourn MS. 2014. Effects of timber harvesting on terrestrial survival of pond-breeding amphibians. *Forest Ecology and Management* 313:123–131.
38. Tuberville TD, **Todd BD**, Hermann SM, Michener WK, Guyer C. 2014. Survival, demography, and growth of Gopher Tortoises (*Gopherus polyphemus*) from three study sites with different management histories. *Journal of Wildlife Management* 78(7):1151–1160.
37. Rose JP, **Todd BD**. 2014. Projecting invasion risk of non-native watersnakes (*Nerodia fasciata* and *Nerodia sipedon*) in the western United States. *PLoS ONE* 9(6):e100277.

36. Showalter I, **Todd BD**, Brennan P. 2014. Intraspecific and interspecific variation of female genitalia in two species of watersnakes. *Biological Journal of the Linnean Society* 111:183–191.
35. Lambert MR, Yasuda CM, **Todd BD**. 2013. Ontogenetic shift in habitat use in the western fence lizard (*Sceloporus occidentalis*) in northern California. *Herpetological Review* 44(4):579–582.
34. Nafus MG, Tuberville TD, Buhlmann KA, **Todd BD**. 2013. Relative abundance and demographic structure of Agassiz's desert tortoise (*Gopherus agassizii*) along roads of varying size and traffic volume. *Biological Conservation* 162:100–106.
33. Eskew EA*, **Todd BD***. 2013. Parallels in amphibian and bat declines from pathogenic fungi. *Emerging Infectious Diseases* 19(3):379–385. *Both authors contributed equally.
32. Rose JP, Miano OJ, **Todd BD**. 2013. Trapping efficiency, demography, and density of an introduced population of Northern Watersnakes, *Nerodia sipedon*, in California. *Journal of Herpetology* 47(3):421–427.
31. Lambert MR, Yasuda CM, **Todd BD**. 2012. Evaluation of a photographic technique for estimating body size in lizards from a distance. *Herpetological Conservation and Biology* 7(1):83–88.
30. Willson JD, Hopkins WA, Bergeron CM, **Todd BD**. 2012. Making leaps in amphibian ecotoxicology: translating individual-level effects of contaminants to population viability. *Ecological Applications* 22(6): 1791–1802.
29. **Todd BD**, Bergeron CM, Hopkins WA. 2012. Use of toe clips as a nonlethal index of mercury accumulation and maternal transfer in amphibians. *Ecotoxicology* 21:882–887.
28. **Todd BD**, Willson JD, Bergeron CM, Hopkins WA. 2012. Do effects of mercury in larval amphibians persist after metamorphosis? *Ecotoxicology* 21:87–95.
27. Miano OJ, Rose JP, **Todd BD**. 2012. *Nerodia sipedon* (Northern Watersnake). Diet. *Herpetological Review* 43(2): 348.
26. Thornhill DJ, Rotjan RD, **Todd BD**, Chilcoat GC, Iglesias-Prieto R, Kemp DW, LaJeunesse TC, Reynolds JM, Schmidt GW, Shannon T, Warner ME, Fitt WK. 2011. A connection between colony biomass and death in Caribbean reef-building corals. *PLoS ONE* 6(12): e29535.
25. **Todd BD**, Bergeron CM, Hepner MJ, Hopkins WA. 2011. Aquatic and terrestrial stressors in amphibians: a test of the double jeopardy hypothesis using maternally and trophically derived mercury. *Environmental Toxicology & Chemistry* 30(10):2277–2284.
24. Bergeron CM, Hopkins WA, **Todd BD**, Hepner MJ, Unrine JM. 2011. Interactive effects of maternal and dietary mercury exposure have latent and lethal consequences for amphibian larvae. *Environmental Science & Technology* 45:3781–3787.

23. **Todd BD**, Bergeron CM, Hepner MJ, Burk JN, Hopkins WA. 2011. Does maternal exposure to an environmental stressor affect offspring response to predators? *Oecologia* 166(1):283–290.
22. Willson JD, Winne CT, **Todd BD**. 2011. Ecological and methodological factors affecting detectability and population estimation in elusive species. *Journal of Wildlife Management* 75(1):36–45.
21. Wada H, Bergeron CM, McNabb FMA, **Todd BD**, Hopkins WA. 2011. Dietary mercury has no observable effects on thyroid-mediated processes and fitness-related traits in wood frogs. *Environmental Science & Technology* 45(18):7915–7922.
20. **Todd BD**, Scott DE, Pechman JHK, Gibbons JW. 2011. Climate change correlates with rapid delays and advancements in reproductive timing in an amphibian community. *Proceedings of the Royal Society B* 278:2191–2197.
19. Luhring TM, **Todd BD**. 2010. *Siren intermedia* (Lesser Siren). Drought Survival. *Herpetological Review* 41(1):60.
18. Burke JN, Bergeron CM, **Todd BD**, Hopkins WA. 2010. Effects of mercury on behavior and performance of northern two-lined salamanders (*Eurycea bislineata*). *Environmental Pollution* 158(12):3546–3551.
17. Semlitsch RD, **Todd BD**, et al. 2009. Effects of timber management on amphibian populations: understanding mechanisms from forest experiments. *BioScience* 59(10):853–862.
16. **Todd BD**, Luhring TM, Rothermel BB, Gibbons JW. 2009. Effects of forest removal on amphibian migrations: implications for habitat and landscape connectivity. *Journal of Applied Ecology* 46:554–561.
15. **Todd BD**. 2008. *Virginia valeriae* (Smooth Earth Snake). Threat display. *Herpetological Review* 39(4):475.
14. Tuberville TD, Norton TM, **Todd BD**, Spratt JS. 2008. Long-term apparent survival of translocated gopher tortoises: a comparison of newly released animals and previously established residents. *Biological Conservation* 141:2690–2697.
13. **Todd BD**, Andrews KM. 2008. Response of a reptile guild to forest harvesting. *Conservation Biology* 22(3):753–761.
12. **Todd, B. D.**, Willson JD, Winne CT, Gibbons JW. 2008. Aspects of the ecology of the earth snakes (*Virginia valeriae* and *V. striatula*) in the Upper Coastal Plain. *Southeastern Naturalist* 7(2):349–358.
11. **Todd BD**, Willson JD, Winne CT, Semlitsch RD, Gibbons JW. 2008. Ecology of the Southeastern Crowned Snake, *Tantilla coronata*. *Copeia* 2008(2):388–394.

10. **Todd BD**, Rothermel BB, Reed RN, Luhring TM, Schlatter K, Trenkamp L, Gibbons JW. 2008. Habitat alteration increases invasive fire ant abundance to the detriment of amphibians and reptiles. *Biological Invasions* 10:539–546.
9. **Todd BD**, Winne CT, Willson JD, Gibbons JW. 2007. Getting the drift: examining the effects of timing, trap type, and taxon on herpetofaunal drift fence surveys. *American Midland Naturalist* 158(2):292–305.
8. **Todd BD**. 2007. Parasites lost? An overlooked hypothesis for the evolution of alternative reproductive strategies in amphibians. *The American Naturalist* 170(5):793–799.
7. **Todd BD** and A.K. Davis. 2007. Sexual dichromatism in the marbled salamander, *Ambystoma opacum*. *Canadian Journal of Zoology* 85(9):1008–1013.
6. Winne CT, Willson JD, **Todd BD**, Andrews KM, Gibbons JW. 2007. Enigmatic decline of a protected population of Eastern Kingsnakes, *Lampropeltis getula*, in South Carolina. *Copeia* 2007(3):507–519.
5. Baughman B, **Todd BD**. 2007. The role of substrate cues in habitat selection by juvenile *Bufo terrestris* and *Scaphiopus holbrookii*. *Journal of Herpetology* 41(1):154–157.
4. **Todd BD**, Rothermel BB. 2006. Assessing quality of clearcut habitats for amphibians: effects on abundances versus vital rates in the southern toad (*Bufo terrestris*). *Biological Conservation* 133(2):178–185.
3. Gibbons JW, Winne CT, Scott DE, Willson JD, Glaudas X, Andrews KM, **Todd BD**, et al. 2006. Remarkable amphibian biomass and abundance in an isolated wetland: implications for wetland conservation. *Conservation Biology* 20(5):1457–1465.
2. **Todd BD**, Winne CT. 2006. Ontogenetic and interspecific variation in timing of movement and responses to climatic factors during migrations by pond-breeding amphibians. *Canadian Journal of Zoology* 84(5):715–722.
1. **Todd BD**, Thornhill DJ, Fitt WK. 2006. Patterns of inorganic phosphate uptake in *Cassiopea xamachana*: a bioindicator species. *Marine Pollution Bulletin* 52(5):515–521.

Book Contributions

12. **Todd BD**. 2013. Area-constrained searches. In Graeter GJ, Buhlmann KA, Wilkinson LR, Gibbons JW (Eds). *Inventory and Monitoring: Recommended Techniques for Reptiles and Amphibians*. Pp. 65–66. Partners in Amphibian and Reptile Conservation Technical Publication IM-1, Birmingham, AL.
11. **Todd BD**. 2013. Dipnetting and sweep samples. In Graeter GJ, Buhlmann KA, Wilkinson LR, Gibbons JW (Eds). *Inventory and Monitoring: Recommended Techniques for Reptiles and Amphibians*. Pp. 75–76. Partners in Amphibian and Reptile Conservation Technical Publication IM-1, Birmingham, AL.

10. **Todd BD**. 2013. Hand collecting. *In* Graeter GJ, Buhlmann KA, Wilkinson LR, Gibbons JW (Eds). *Inventory and Monitoring: Recommended Techniques for Reptiles and Amphibians*. Pp. 71–73. Partners in Amphibian and Reptile Conservation Technical Publication IM-1, Birmingham, AL.
9. Andrews KM, **Todd BD**, Fedewa LA. 2013. Threats to amphibians and reptiles of North America. *In* Graeter GJ, Buhlmann KA, Wilkinson LR, Gibbons JW (Eds). *Inventory and Monitoring: Recommended Techniques for Reptiles and Amphibians*. Pp. 2–11. Partners in Amphibian and Reptile Conservation Technical Publication IM-1, Birmingham, AL.
8. **Todd BD**, Glaudas XA. 2013. Handling live amphibians and reptiles. *In* Graeter GJ, Buhlmann KA, Wilkinson LR, Gibbons JW (Eds). *Inventory and Monitoring: Recommended Techniques for Reptiles and Amphibians*. Pp. 214–249. Partners in Amphibian and Reptile Conservation Technical Publication IM-1, Birmingham, AL.
7. **Todd BD**, Mason PA. 2013. Preparing scientific specimens. *In* Graeter GJ, Buhlmann KA, Wilkinson LR, Gibbons JW (Eds). *Inventory and Monitoring: Recommended Techniques for Reptiles and Amphibians*. Pp. 238–242. Partners in Amphibian and Reptile Conservation Technical Publication IM-1, Birmingham, AL.
6. **Todd BD**. 2013. Time constrained searches. *In* Graeter GJ, Buhlmann KA, Wilkinson LR, Gibbons JW (Eds). *Inventory and Monitoring: Recommended Techniques for Reptiles and Amphibians*. 63–65. Partners in Amphibian and Reptile Conservation Technical Publication IM-1, Birmingham, AL.
5. **Todd BD**, Willson JD, Gibbons JW. 2010. The global status of reptiles and causes of their declines. *In* Sparling DW, Linder G, Bishop CA, Krest S. (Eds). *Ecotoxicology of Amphibians and Reptiles*, 2nd Ed. Pp. 47–67. CRC Press, Pensacola, FL, USA.
4. **Todd BD**. 2008. Northern Cricket Frog, *Acris crepitans*. *In* Jensen J, Camp CD, Gibbons JW, Elliott M (Eds). *The Amphibians and Reptiles of Georgia*. University of Georgia Press. Athens, GA.
3. **Todd BD**. 2008. Loggerhead Musk Turtle, *Sternotherus minor*. *In* Jensen J, Camp CD, Gibbons JW, Elliott M (Eds). *The Amphibians and Reptiles of Georgia*. University of Georgia Press. Athens, GA.
1. **Todd BD**. 2008. Common Ribbon Snake, *Thamnophis sauritus*. *In* Jensen J, Camp CD, Gibbons JW, Elliott M (Eds). *The Amphibians and Reptiles of Georgia*. University of Georgia Press.

Policy and Technical Reports

10. **Todd BD**, Tuberville TD, Buhlmann KA. 2021. Mitigating Impacts of Solar Energy Development on Desert Tortoises: Indoor Rearing and Release of Head-started Desert Tortoises. California Energy Commission, Sacramento, CA.

9. **Todd BD**, Tuberville TD, Buhlmann KA. 2015. Innovative Mitigation of Solar Energy Impacts on Desert Tortoises: Head-Starting and Habitat Selection Of Juvenile Desert Tortoises. California Energy Commission, Sacramento, CA.
8. **Todd BD**. 2014. Lizards: Integrated Pest Management in and around the Home. University of California Agricultural and Natural Resources, Statewide Integrated Pest Management Program. <http://ipm.ucanr.edu/PMG/PESTNOTES/pn74120.html>
7. **Todd BD**. 2014. Rattlesnakes: Integrated Pest Management In and Around the Home. University of California Agricultural and Natural Resources, Statewide Integrated Pest Management Program. <http://ipm.ucanr.edu/PMG/PESTNOTES/pn74119.html>
6. **Todd BD**, Lotz A. 2013. A Guiding Vision for the Conservation and Management of California’s Reptiles and Amphibians. Report to the California Department of Fish and Wildlife. Sacramento, CA.
5. **Todd BD**, Lotz A. 2013. Overview of Stakeholder Concerns and Regulatory Scope for Reptile and Amphibian Management. Report to the California Department of Fish and Wildlife. Sacramento, CA.
4. **Todd BD**. 2013. Watersnakes in California: From unwanted pets to growing menace. California Department of Fish and Wildlife *Eye on Invasives*. 2(2).
3. **Todd BD**, Rose JP. 2012. Identifying Priority Amphibian and Reptile Conservation Areas in California: Pilot Implementation. Report to the California Department of Fish and Wildlife. Sacramento, CA.
2. **Todd BD**, Miano OJ, Rose JP. 2011. Herpetological Inventory of Naval Air Station Fallon. Department of the Navy, Fallon, NV.
1. Nanjappa P, Conrad PM. 2010. State of the Union: Legal Authority Over the Use of Native Amphibians and Reptiles in the United States. Editorial Assistants: Logsdon R, Allen C, **Todd BD**, Bolster B. Version 1.02. Association of Fish and Wildlife Agencies, Washington, DC.

Sponsored Research

- 2020–2023 **\$249,667** USDOJ — Bureau of Land Management
Todd BD. Size-dependent survival and the impact of ravens on head-started Desert Tortoises.
- 2020–2021 **\$299,658** National Fish and Wildlife Foundation
Todd BD. Headstarting tortoises and raven predation pressure on tortoise recruitment.
- 2017–2027 **\$6.8M** California Department of Water Resources
 Moyle PB, **Todd BD**, Eadie JM, Kelt DA. Contributions of novel habitats to historic ecosystem functioning and services.
- 2017–2021 **\$493,089** California Energy Commission
Todd BD. Mitigating Impacts of Solar Energy on Desert Tortoises: Indoor Rearing and Release of Headstarted Desert Tortoises.

- 2016–2021 **\$199,999** USDO I — Bureau of Land Management
Todd BD. Evaluating and modeling the impacts of roads, washes, and fences to desert tortoise population viability.
- 2015–2016 **\$31,522** Center for Natural Lands Management
Todd BD. Forecasting invasion rate and use of environmental DNA sampling to test for dispersal of non-native watersnakes to Giant Garter Snake reserves in the California Natomas Basin.
- 2015–2018 **\$63,000** USDO I — Fish and Wildlife Service
Todd BD. Use of environmental DNA to assess occupancy of non-native watersnakes.
- 2014–2015 **\$40,527** UC Davis Office of Research
Todd BD. Using transcriptomics to investigate molecular mechanisms of resistance to fungal disease in amphibians.
- 2011–2016 **\$400,000** USDO I — Bureau of Land Management
Todd BD, Tuberville TD, Buhlmann KA. Efficacy of roadway fencing as proposed mitigation for desert tortoise management.
- 2011–2012 **\$216,095** California Department of Fish and Game
Todd BD. Development of a California reptile and amphibian conservation and management strategy.
- 2011–2012 **\$19,035** USDA — Forest Service
Todd BD. Habitat use and demography of an isolated population of western pond turtles.
- 2011–2013 **\$19,919** USDO I — National Park Service
Todd BD. Detecting contaminant accumulation in western pond turtles to assess foothill ecosystem condition.
- 2010–2025 **\$450,000** USDO I — National Park Service
 Tuberville TD, Buhlmann KA, **Todd BD.** Recruitment, survival, and head-starting of desert tortoises in Mojave National Preserve.
- 2010–2011 **\$71,000** Department of the Navy
Todd BD. Herpetological Inventory of Federal Lands in Western Nevada.
- 2010–2015 **\$238,310** California Energy Commission
Todd BD, Tuberville TD, Buhlmann KA. Use of habitat suitability models and head-start techniques to minimize conflicts between desert tortoises and energy development projects in the Mojave Desert.
- 2007 **\$17,000** University of Georgia
Todd BD. Doctoral Dissertation Completion Fellowship.
- 2006 **\$150** Southeastern Division of American Society of Ichth and Herps
Todd BD. Graduate Student Travel Grant.
- 2005–2008 **\$67,000** USGS — National Biological Information Infrastructure

Gibbons JW, Greene JL, **Todd BD**. Content advisement and scientific review of NBII's Amphibian website and the North American Reporting Center for Amphibian Malformations.

2005 **\$250** Society for the Study of Amphibians and Reptiles
Todd BD. Graduate Student Travel Grant.

Courses Taught

Herpetology , instructor Upper-division undergraduate course at UC Davis with 200 students.	2013–present
Wildlife Ecology and Conservation , instructor Lower-division undergraduate course at UC Davis with 130 students.	2021–present
Natural History of California's Wild Vertebrates , instructor Lower-division undergraduate course at UC Davis with 100 students.	2020
Conservation Biology , instructor Upper-division undergraduate course at UC Davis with 175 students.	2010–2016
Issues in Conservation Biology , instructor Graduate course at UC Davis with 15 students.	2012
Field Research in Wildlife Ecology , co-instructor Upper-division undergraduate course at UC Davis with 20 students.	2010–present
Wildlife Ecology and Conservation , guest lecturer Lower-division undergraduate course at UC Davis with 140 students.	2010–present
Natural History of California's Vertebrates , guest lecturer Lower-division undergraduate course at UC Davis with 120 students.	2010–present
Field Methods in Wildlife Ecology , guest lecturer Lower-division undergraduate course at UC Davis with 40 students.	2010–present
Principles of Biology , Graduate Laboratory Instructor Lower-division undergraduate lab course at UGA with 60 students.	2000–2003
Ecosystems of South Florida , Graduate Teaching Assistant Lower-division undergraduate lab course at UGA with 10 students.	2000–2002

Advising and Training

Postdoctoral Advisees

Thomas S. Jenkinson, Postdoctoral Research Associate	2020–present
Mickey Agha, Postdoctoral Research Associate	2019
J. Mark Peaden, Postdoctoral Research Associate	2017–2019
A. Justin Nowakowski, Postdoctoral Research Associate	2015–2019
Aaron Lotz, Postdoctoral Research Associate	2011–2013

Graduate Advisees

Emma Nix, PhD student, Graduate Group in Ecology	2021–present
Elliot Schoenig, MS student, Graduate Group in Ecology	2020–present
Sidney Woodruff, PhD student, Graduate Group in Ecology	2019–present
Melissa Riley, PhD student, Graduate Group in Ecology	2018–present
Allison Essert, PhD student, Graduate Group in Ecology	2015–present
Cathy Brown, PhD student, Graduate Group in Ecology	2014–present
Mickey Agha, PhD student, Graduate Group in Ecology	2015–2019
Max Kern, MS student, Graduate Group in Ecology	2014–2017
Mark Peaden, MS student, Graduate Group in Ecology	2013–2017
Evan Eskew, PhD student, Graduate Group in Ecology	2011–2016
Jonathan Rose, PhD student, Graduate Group in Ecology	2010–2016
Melia Nafus, PhD student, Graduate Group in Ecology	2009–2014

Technical Support

Erin Trimpe, Junior Specialist	2022–present
Gabriella Barnas, Junior Specialist	2020–present
Miriam (Susanna) Mann, Junior Specialist	2019–2021
Collin Richter, Junior Specialist	2019–2020
Lindsay Chiquoine, Junior Specialist	2013–2015
Valerie Johnson, Junior Specialist	2012–2013
George Zaragoza, Junior Specialist	2013–2014
Mark Peaden, Junior Specialist	2012–2013
Oliver Miano, Junior Specialist	2011–2013

Undergraduate Researchers

Neil Galal, undergraduate student researcher	2019
Laura Kojima, undergraduate student researcher	2018
Janna Freeman, undergraduate student researcher	2018
George Zaragoza, undergraduate student researcher	2011–2013
Larson Ankeny, undergraduate student researcher	2011–2012
Jillian Howard, undergraduate student researcher	2011–2012
Max Lambert, undergraduate student researcher	2010–2012
Catherine Yasuda, undergraduate student researcher	2010–2012

Graduate Committees

Dan Smith, Ecology Graduate Group graduate examining committee	2020
Anna Jordan, Ecology Graduate Group graduate examining committee	2020
Richard Kim, Ecology Graduate Group graduate examining committee	2020
Julianne Pekny, Ecology Graduate Group graduate examining committee	2020
Lea Pollack, Ecology Graduate Group graduate examining committee	2018
Jamie Rudd, Animal Behavior Graduate Group examining committee	2017
Risa Pesapane, Ecology Graduate Group graduate examining committee	2017
Sonia Ghose, Population Biology Graduate Group examining committee	2016
Ryan Hill, Ecology Graduate Group graduate examining committee	2016
Kristina Drake, Ecology Graduate Group graduate examining committee	2015
Katherine Smith, Ecology Graduate Group graduate examining committee	2015

Jason Riggio, Ecology Graduate Group graduate examining committee	2015
Bree Putman, Ecology Graduate Group graduate examining committee	2013
Esther Cole, Ecology Graduate Group thesis committee	2013
Rebecca Green, Ecology Graduate Group graduate examining committee	2012
Corey Overton, Ecology Graduate Group graduate examining committee	2012
Ethan Mora, Ecology Graduate Group graduate examining committee	2012
Sheila Madrak, Ecology Graduate Group graduate examining committee	2012
Esther Cole, Ecology Graduate Group examining committee	2011
Jamie Bunting, Animal Behavior Graduate Group examining committee	2011
Katie Holzer, Ecology Graduate Group graduate examining committee	2011
Lewis Barnett, Ecology Graduate Group graduate examining committee	2011

Honors and Awards

Robert C. Stebbins Research Award Desert Tortoise Council	2022
Distinguished Graduate and Postdoctoral Scholar Mentoring Award University of California, Davis, nominee	2017, 2018
NSF FIRST IV Postdoctoral Fellow https://www.msu.edu/~first4/	2009
Stoddard-Leigh-Sutton Award in Wildlife Conservation Warnell School of Forestry and Natural Resources, UGA	2008
Siebert Conservation Award Honorable Mention Society for the Study of Amphibians and Reptiles	2008
Best Paper in Ecology Odum School of Ecology, UGA	2008
Best Paper in Applied Ecology Odum School of Ecology, UGA	2007
Best Paper in Applied Ecology Odum School of Ecology, UGA	2006
Outstanding Oral Presentation Odum School of Ecology, UGA	2006
Best Presentation Savannah River Ecology Lab, UGA	2005
Siebert Conservation Award Honorable Mention Society for the Study of Amphibians and Reptiles	2005
Phi Kappa Phi National Honor Society	2002
Distinguished Teaching Assistant Odum School of Ecology, UGA	2002

Golden Key National Honor Society	1999
Delta Epsilon Iota Honor Society	1999
University of Georgia Honor's Program	1996
Georgia Governor's Scholarship	1996–2000
Georgia HOPE Scholarship	1996–2000

Invited Seminars and Plenary Talks

12. **Todd BD.** 2021. The Value of Head-Starting in Desert Tortoise Conservation and Recovery. 46th Annual Meeting and Symposium of the Desert Tortoise Council, online virtual Covid format. **Plenary**
11. **Todd BD.** 2020. A Requirement, Not a Band-Aid: The Value of Captive Rearing in Desert Tortoise Conservation. Clemson University. **Invited seminar**
10. **Todd BD.** 2018. California Snakes. Tuleyome Nature and You Lecture Series. **Invited seminar**
9. **Todd BD.** 2017. Tolerance mismatch hypothesis explains host susceptibility to an emerging infectious disease. UC Davis. **Invited seminar**
8. **Todd BD.** 2017. The global amphibian disease apocalypse: why do some survive and others do not? University of Missouri. **Invited seminar**
7. **Todd BD.** 2017. California conservation: Preserving our heritage and our iconic wildlife. Fresno State University. **Invited seminar**
6. **Todd BD.** 2016. Effects of human land use on contemporary distributions of reptiles and amphibians. The Wildlife Society annual meeting. **Invited seminar** [canceled due to family health needs]
5. **Todd BD.** 2015. Non-native snakes in California and how you can help. Northern California Herpetological Society. **Invited seminar**
4. **Todd BD.** 2015. Ecological Society of America Annual Meeting, Special symposium on the Ecology of Renewable Energy Development. **Invited seminar** [declined due to family health needs]
3. **Todd BD.** 2015. Another nail in the coffin for California's aquatic ecosystems? Invasion risks of introduced watersnakes. California Department of Fish and Wildlife Conservation Lecture Series, Sacramento, CA. **Invited seminar**
2. **Todd BD.** 2013. Another nail in the coffin for California's aquatic ecosystems? Quantifying risk to native biodiversity from introduced watersnakes. Invited Seminar, UC Berkeley, Berkeley, CA. **Invited seminar**
1. **Todd BD.** 2011. Remembering the 'land' in 'wetland-dependent species': insights from studies of terrestrial stages of amphibians. Invited Seminar, UC Berkeley, CA. **Invited seminar**

Presentations at Scientific Meetings

45. **Todd BD**, McGovern P, Peaden JM, Daly JA, Buhlmann KA, Tuberville TD. 2020. Evaluating techniques for optimal head-starting of the Mojave Desert Tortoise (*Gopherus agassizii*). 45th Annual Meeting and Symposium of the Desert Tortoise Council, Las Vegas, NV.
44. **Todd BD**, Nowakowski AJ, Rose JP, Price S. 2019. Traits linked to contemporary snake distributions and their sensitivity to human land use as revealed by citizen science data. Joint Meeting of Ichthyologists and Herpetologists, Snowbird, UT.
43. Nowakowski AJ, Frishkoff L, Thompson M, Smith T, **Todd BD**. 2019. Phylogenetic homogenization of amphibian assemblages in human-altered habitats across the globe. Joint Meeting of Ichthyologists and Herpetologists, Snowbird, UT.
42. McGovern P, Buhlmann KA, **Todd BD**, Moore CT, Peaden JM, Hepinstall-Cymerman J, Tuberville TD. 2019. Post-release survival until dormancy of hybrid head-started Mojave Desert Tortoises (*Gopherus agassizii*). 44th Annual Meeting and Symposium of the Desert Tortoise Council, Tucson, AZ.
41. Peaden JM, Tuberville TD, Buhlmann KA, **Todd BD**. 2019. Modeling the impacts of roads and mitigation efforts on the viability of desert tortoise (*Gopherus agassizii*) populations. 44th Annual Meeting and Symposium of the Desert Tortoise Council, Tucson, AZ.
40. **Todd BD**, Eskew EA. Environmental drivers of snake movement and activity. 2018 Joint Meetings of Ichthyologists and Herpetologists, Rochester, NY.
39. Peaden JM, Tuberville TD, Buhlmann KA, **Todd BD**. Update on desert tortoise head-starting studies at the Mojave National Preserve., 43rd Annual Meeting and Symposium of the Desert Tortoise Council, Las Vegas, NV.
38. McGovern P, Hepinstall-Cymerman J, Moore C, **Todd BD**, Tuberville TD, Buhlmann KA. Changing the survival formula of the Mojave Desert Tortoise (*Gopherus agassizii*) through head-starting. 2018 Southeastern Partners in Amphibian and Reptile Conservation Annual Meeting, Helen, GA.
37. Tuberville TD, Buhlmann KA, Quinn DP, Daly JA, **Todd BD**, Peaden JM, Nafus MG. 2017. Developing head-starting strategies that work for Gopher Tortoises and Desert Tortoises: an iterative process. 15th Annual Symposium on the Conservation and Biology of Tortoises and Freshwater Turtles, Turtle Survival Alliance, Charleston, SC.
36. **Todd BD**, Nowakowski AJ. 2017. Meta-analysis of telemetry studies reveals surprising patterns of home range scaling in snakes. Joint Meeting of Ichthyologists and Herpetologists, Austin TX.
35. **Todd BD**, Peaden JM, Nowakowski AJ, Tuberville TD, Buhlmann KA. 2017. Providing context for the benefits of roadside mitigation fencing in recovering and protecting desert tortoise populations. 42nd Annual Meeting and Symposium of the Desert Tortoise Council, Las Vegas, NV.

34. Daly JA, Buhlmann KA, **Todd BD**, Moore CT, Peaden JM, Tuberville TD. 2017. Survival estimates and mortality risk factors for indoor head-started, outdoor head-started, and directly released juvenile desert tortoises (*Gopherus agassizii*) in the eastern Mojave Desert. 42nd Annual Meeting and Symposium of the Desert Tortoise Council, Las Vegas, NV.
33. Eskew EA, La Douceur EEB, Keel K, Miller MR, Foley JE, **Todd BD**. 2016. Gene expression differs in susceptible and resistant amphibian hosts exposed to the fungal pathogen *Batrachochytrium dendrobatidis*. Amphibian Pathogens Annual Meeting, Arizona State University, Tempe, AZ.
32. **Todd BD**, Nowakowski AJ, Whitfield SM, Eskew EA, Thompson ME, Rose JP, Caraballo BL, Kerby JL, Donnelly MA. 2016. Mismatch in thermal tolerances between host and pathogen explains patterns of chytridiomycosis infection prevalence. Amphibian Pathogens Annual Meeting, Arizona State University, Tempe, AZ.
31. **Todd BD**, Nowakowski AJ, Whitfield SM, Eskew EA, Thompson ME, Rose JP, Caraballo BL, Kerby JL, Donnelly MA. 2016. Variation in host thermal tolerances explains patterns of *Batrachochytrium dendrobatidis* infection in amphibians. Joint Meetings of Ichthyologists and Herpetologists, New Orleans, LA.
30. Eskew EA, Miller M, Foley JE, **Todd BD**. 2016. Comparative transcriptomics of two amphibian host species exposed to the emerging fungal pathogen *Batrachochytrium dendrobatidis*. Joint Meetings of Ichthyologists and Herpetologists, New Orleans, LA.
29. **Todd BD**, Halstead BJ, Chiquoine LP, Peaden JM, Buhlmann KA, Tuberville TD, Nafus MG. 2016. Habitat selection by juvenile Mojave Desert Tortoises in the Eastern Mojave Desert. 41st Annual Meeting and Symposium of the Desert Tortoise Council, Las Vegas, NV.
28. Daly JA, Buhlmann KA, **Todd BD**, Moore CT, Peaden JM, Kern MM, Tuberville TD. 2016. Evaluating indoor-rearing as a component of head-starting the Mojave Desert Tortoise: methods and preliminary results. 41st Annual Meeting and Symposium of the Desert Tortoise Council, Las Vegas, NV.
27. Puffer SR, Agha M, Smith AL, Lovich JE, Delaney D, Ennen JR, Briggs J, Fleckenstein LJ, Tennant LA, Walde A, Arundel TR, Price SJ, **Todd BD**. 2016. Mesocarnivore visitation and interactions with Agassiz's Desert Tortoises (*Gopherus agassizii*) and their burrows. 41st Annual Meeting and Symposium of the Desert Tortoise Council, Las Vegas, NV.
26. **Todd BD**, Nowakowski AJ, Eskew EA, Rose JP. 2016. A novel conceptual model predicts disease risk in amphibians. Annual Meetings of the California-Nevada Amphibian Populations Task Force, Davis, CA.
25. **Todd BD**, Rose JP. 2015. Identifying priority amphibian and reptile conservation areas in California: challenges and opportunities. Annual Meeting of the Society for the Study of Amphibians and Reptiles, Lawrence, KS.

24. **Todd BD**, Rose JP, Price SJ, Dorcas ME. 2015. Citizen science data show species' sensitivities to human land use. Joint Meetings of Ichthyologists and Herpetologists, Reno, NV.
23. Eskew EA, Miller MR, Foley JE, **Todd BD**. 2015. Both sides of the coin: host and pathogen influence chytridiomycosis disease outcome. Joint Meetings of Ichthyologists and Herpetologists, Reno, NV.
22. Rose JP, **Todd BD**. 2015. Designing effective eradication strategies for non-native watersnakes (*Nerodia*) in California using integral projection models. Joint Meetings of Ichthyologists and Herpetologists, Reno, NV.
21. **Todd BD**, Tuberville TA, Buhlmann KA. 2015. Innovative mitigation of solar energy impacts on desert tortoises: head-starting and habitat selection of juvenile desert tortoises. Presentation to the California Energy Commission, Sacramento, CA.
20. Buhlmann KA, Tuberville TD, Nafus MG, Peaden JM, Chiquoine L, Daly J, Johnson V, **Todd BD**. 2014. Survivorship and growth of predator-protected vs free-ranging released juvenile desert tortoises in the Mojave National Preserve. 40th Annual Meeting and Symposium of the Desert Tortoise Council, Las Vegas, NV.
19. **Todd BD**, Peaden JM, Nafus MG, Buhlman KA, Tuberville TD. 2014. Quantifying road effect zones for desert tortoises (*Gopherus agassizii*) to estimate benefits of mitigation and habitat protection. Joint Meetings of Ichthyologists and Herpetologists, Chattanooga, TN.
18. Reed RN, **Todd BD**, Miano OJ, Canfield M, McMartin L, Fisher RN. 2014. Biology and control of exotic banded watersnakes (*Nerodia fasciata*) in an urban lake in Los Angeles, California. Joint Meetings of Ichthyologists and Herpetologists, Chattanooga, TN.
17. Peaden JM, **Todd BD**, Nafus MG, Buhlmann KA, Tuberville TD. 2014. Quantifying road effect zones for desert tortoises (*Gopherus agassizii*) to estimate benefits of mitigation and habitat protection. 12th Annual Symposium on the Conservation and Biology of Tortoises and Freshwater Turtles, Turtle Survival Alliance, Orlando, FL.
16. Buhlmann KA, Tuberville TD, Nafus MG, Peaden JM, Johnson V, **Todd BD**. 2014. Movements and survivorship of hatching and head-started desert tortoises. 12th Annual Symposium on the Conservation and Biology of Tortoises and Freshwater Turtles, Turtle Survival Alliance, Orlando, FL.
15. **Todd BD**, Rose JP. 2014. Identifying priority amphibian and reptile conservation areas in California: challenges and opportunities. Annual Meeting of the Southwest Partners in Amphibian and Reptile Conservation, San Diego, CA.
14. Nafus MG, **Todd BD**, Tuberville TD, Buhlmann KA. 2013. Differential habitat use by desert tortoises (*Gopherus agassizii*) in relation to forage availability. Joint Meetings of Ichthyologists and Herpetologists, Albuquerque, NM.
13. Nafus MG, Tuberville TD, Buhlmann KA, **Todd BD**. 2013. Differential habitat use by desert tortoises (*Gopherus agassizii*) in relation to forage availability. 38th Annual Meeting and Symposium of the Desert Tortoise Council, Las Vegas, NV.

12. Buhlmann KA, Tuberville TD, Nafus MG, Peaden JM, **Todd BD**. 2013. Desert tortoise head-starting project in Mojave National Preserve: an update. 38th Annual Meeting and Symposium of the Desert Tortoise Council, Las Vegas, NV.
11. **Todd BD**. 2013. How should we manage amphibian biodiversity in California? Annual Declining Amphibians Population Taskforce Meeting, Arcata, CA.
10. Rose JP, **Todd BD**. 2012. Risk assessment of introduced snakes of the genus *Nerodia* in western North America. Joint Meetings of Ichthyologists and Herpetologists and 7th World Congress of Herpetology, Vancouver, BC, CAN.
9. **Todd BD**. 2012. A guiding vision for the management of reptiles and amphibians in California. Joint Meetings of Ichthyologists and Herpetologists and 7th World Congress of Herpetology, Vancouver, BC, CAN.
8. **Todd BD**. 2012. Development of an amphibian and reptile conservation and management strategy in California. The Wildlife Society Western Section Annual Meeting, Sacramento, CA.
7. Tuberville TD, **Todd BD**, Guyer C. 2011. Survival, demography, and growth of gopher tortoises (*Gopherus polyphemus*) from three study populations. 9th Annual Symposium on the Conservation and Biology of Tortoises and Freshwater Turtles, Turtle Survival Alliance, Orlando, FL.
6. Tuberville TD, Norton TM, Buhlmann KA, **Todd BD**. 2011. Translocation research with gopher tortoises: insight on site fidelity, survivorship and individual reproductive success. 36th Annual Meeting and Symposium of the Desert Tortoise Council, Las Vegas, NV.
5. **Todd BD**. 2011. Public workshop on desert research projects funded by the Public Interest Energy Research Program, California Energy Commission, Sacramento, CA.
4. **Todd BD**, Scott DE, Pechman JHK, Gibbons JW. 2009. Rapid opposing shifts in amphibian reproductive timing correlate with changing climate. Joint Meeting of Ichthyologists and Herpetologists, Portland OR.
3. **Todd BD**. 2009. Combining monitoring, field experiments, and modeling to inform reptile and amphibian conservation. Invited Seminar, UC Davis, Davis, CA.
2. **Todd BD**. 2008. Interspecific effects of upland forest removal on amphibian migrations: implications for habitat and population connectivity. Joint Meeting of Ichthyologists and Herpetologists, Montreal, Quebec, CAN.
1. **Todd BD**. 2008. What ever happened to malformed amphibians? Society for Conservation Biology Annual Meeting, Chattanooga, TN.

Professional Service

Board of Directors, Board member
Board of Directors, Chairperson

2018–present
2008–2018

Amphibian and Reptile Conservancy, 501(c) 3

- Non-profit organization created to raise and administer funding for amphibian and reptile conservation through existing partnerships and organizations affiliated with Partners in Amphibians and Reptile Conservation group.
- <http://www.amphibiansreptiles.org>

Conservation Committee, Co-chair **2017–2021**

American Society of Ichthyologists and Herpetologists

Editorial Board **2017–present**

Journal of Biotelemetry

Board of Governors **2015–present**

American Society of Ichthyologists and Herpetologists

Organizer and Co-Host **January 2016**

California/Nevada Declining Amphibian Population Task Force Meetings

Editorial Board **2015–2020**

Ecology and Ecological Monographs

Panel Member **April 2014**

National Science Foundation review panel, Washington, DC

Organizer and Host **January 10, 2011**

California Reptile and Amphibian Conservation and Management Forum

- Organized a regulatory summit to evaluate management and conservation concerns for California’s native reptiles and amphibians.
- Stakeholders included members of the public, researchers, federal and state agency biologists, environmental consultants, and non-profit groups.

Invited Manuscript Editor **2009**

Southeastern Naturalist

Organizing Committee **2005**

2nd Annual Southeastern Ecology and Evolution Conference

- Helped organize symposia schedules and coordinate abstract submission and meeting advertisement and circulation

Journal and Grant Refereeing

Acta Oecologia, American Midland Naturalist, Amphibia-Reptilia, Applied Herpetology, Austral Ecology, Biodiversity and Conservation, Biological Conservation, Biology Letters, Copeia, Forest Ecology and Management, Global Change Biology, Herpetological Conservation and Biology, Herpetological Review, Journal of Fisheries and Wildlife Management Journal of Hazardous Materials, Journal of Herpetology, Journal of Tropical Ecology, Journal of Wildlife Management, PLoS ONE, Proceedings of the Royal Society B, Scientific Reports, Southeastern Naturalist, Southwestern Naturalist, Wildlife Research, Zootaxa, Graduate Women In Science, National Geographic Society, National Science Foundation, National Wildlife Federation, US Department of Interior, Thomas F. Jeffress and Kate Miller Jeffress Memorial Trust.

University Service

Systemwide Service

Review Panel, UC MEXUS-CONACYT Grant Program **2017**

Campus Service

Chair, Conservation Ecology — Graduate Group in Ecology **2014–2018**

College Service

Collaborative on Academic Careers in Higher Education Survey Faculty Executive Committee **2018**

Teaching Assistant Allocation Policy Review Committee **2017**

Animal Biology Jastro Shields Grant Review Committee **2013**

Department Service

Master Advisor **2019–2021**

Curriculum Committee **2017–2021**

Chair, Museum Committee **2017–2018**

Space Committee **2015–2016**

Search Committee for Tropical Conservation Biologist **2015**

Chair, Search Committee for Quantitative Wildlife Ecologist **2015**

Selma Herr and Howard Memorial award grant review committee **2014**

Chair, Curriculum Revision Committee **2013–2014**

Curriculum Committee **2012–2016**

Space Committee **2011–2012**

Search Committee for Urban Conservation Ecologist **2011**

Faculty sponsor, The Wildlife Society student chapter **2010–present**

Museum Committee **2010–2017**

Equipment and Computing Committee **2010–2012**

Curriculum Committee **2010–2011**

Professional Affiliations

American Society of Ichthyologists and Herpetologists

Herpetologists' League

Partners for Amphibian and Reptile Conservation

Society for the Study of Amphibians and Reptiles

The Wildlife Society

References

Dr. J. Whitfield Gibbons, Professor Emeritus

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Savannah River Ecology Laboratory

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Dr. Tracey D. Tuberville, Associate Research Scientist

Savannah River Ecology Laboratory

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