

WILLIAM SCOTT FUNK, MSC, CWR, CAET

DIRECTOR OF WILDLIFE REHABILITATION/WILDLIFE HEALTH RESEARCHER

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AREAS OF EXPERTICE

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Veterinary nursing, wildlife disease surveillance, disease mitigation, post-mortem examinations, parasitology, PCR, toxicology, microbiology, captive wildlife husbandry, wildlife management

ACADEMIC EXPERIENCE

2021 - 2022	MSc Awarded 2022 Wild Animal Biology <i>University of London – Royal Veterinary College, London, England</i> Supervisor: Dr Tammy Shadbolt Thesis: Morphologic and Molecular Characterization of Gastrointestinal Helminths in Red Kites (<i>Milvus milvus</i>) in England and Wales
2015 - 2020	BSAg Awarded 2020 Natural Resource Ecology and Management Concentration: Wild Animal Biology (Pre-Veterinary) <i>Oklahoma State University – Department of Natural Resource Ecology and Management, Stillwater, OK, United States</i>
2015 - 2020	BS Awarded 2020 Biology <i>Oklahoma State University – Department of Integrated Biology, Stillwater, OK, United States</i>

CURRENT CERTIFICATIONS

Jul 2022	Marine Mammal Medic British Divers Marine Life Rescue
Aug 2021	Advanced Open Water Diver Professional Association of Divers Instructors
Aug 2020	Certified Animal Euthanasia Technician Oklahoma Board of Veterinary Medical Practitioners
Jan 2020	Certified Wildlife Rehabilitator International Wildlife Rehabilitator Council

RELEVANT PROFESSIONAL EXPERIENCE

Jan 2023 - Present	Director of Wildlife Rehabilitation Full-time, 60 hours/week (Salary \$39,500/yr) <i>Wildcare Oklahoma, Noble, OK, United States</i> Supervisor: Inger Giuffrida
Sep 2022 - Present	Private Researcher/Social Media Manager Part-time, 10 hours/week (Freelance) <i>Funk's Wildlife Disease Lab, Noble, OK, United States</i> Supervisor: Myself
Aug 2023 - Dec 2023	Wildlife Health Specialist Part-time, 20 hours/week (Salary \$15/hr) <i>Wildcare Oklahoma, Noble, OK, United States</i> Supervisor: Dr. Kyle Abbott
Sep 2022 - Oct 2023	Veterinary ICU Nurse Full Time, 40 hours/week (Salary \$19/hr) <i>Neel Veterinary Hospital, Oklahoma City, OK, United States</i> Supervisor: Dr. Ashley Donnelly
Sept 2021 - Sept 2022	Graduate Researcher Full Time, 40 hours/week (Unpaid) <i>Zoological Society of London, London, England, United Kingdom</i> Supervisor: Dr. Tammy Shadbolt
Dec 2020 - Jun 2021	Veterinary ICU Nurse Part-time, 12 hours/week (Salary \$15/hr) <i>Neel Veterinary Hospital, Oklahoma City, OK, United States</i> Supervisor: Dr. Ashley Donnelly

Aug 2020 - Jun 2021	Wildlife Veterinary Assistant Full-time, 70 hours/week (Salary \$650/wk) <i>Wildcare Oklahoma</i> , Noble, OK, United States Supervisor: Dr. Kyle Abbott
Jun 2021 - Aug 2021	Wildlife Rehabilitation Senior Fellow Full-time, 60 hours/week (Salary \$450/wk) <i>Wildcare Oklahoma</i> , Noble, OK, United States Supervisor: Inger Giuffrida
Oct 2019 - May 2020	Lab Technician (Prairie Chicken Diet Analysis) Part-time, 20 hours/week (Salary \$10/hr) <i>Oklahoma Cooperative Fish and Wildlife Research Unit</i> , Stillwater, OK, United States Supervisor: Dave Londe
Apr 2019 - Apr 2020	Necropsy Technician Part-time, 20 hours/week (Salary \$10/hr) <i>Oklahoma Animal Disease Diagnostics Laboratory</i> , Stillwater, OK, United States Supervisor: Emily Carter
Sep 2017 - May 2018	Maintenance Assistant and Animal Enrichment Developer Part-time, 20 hours/week (Salary \$10/hr) <i>Grey Snow Eagle House</i> , Perkins, OK, United States Supervisor: Megan Judkins
May 2017 - Aug 2017	Wildlife Rehabilitation Intern Full-time, 60 hours/week (Salary \$350/wk) <i>Wildcare Oklahoma</i> , Noble, OK, United States Supervisor: Nicole Rivera
May 2016 - Aug 2016	Wildlife Technician (Bear Capture Technician) Full-time, 40 hours/week (Salary \$10/hr) <i>Oklahoma Cooperative Fish and Wildlife Research Unit</i> , Stillwater, OK, United States Supervisor: Sara Lyda
Jan 2016 - May 2016	Field/Lab Technician (Coyote Diet Analysis) Part-time, 20 hours/week (Unpaid) <i>Oklahoma State University – Department of Natural Resource Ecology and Management</i> , Stillwater, OK, United States Supervisor: Shelbie Fraser

EXTERNSHIPS AND WORKSHOPS

May 2022	Animal Care Externship 40 hours, <i>Oklahoma Primate Sanctuary</i> , Newcastle, OK, United States
May 2022	Pathological Investigations Externship 80 hours, <i>Zoological Society of London</i> , London, England, United Kingdom
Apr 2022	Wildlife Rehabilitation Externship 80 hours, <i>Secret World Wildlife Rescue</i> , East Huntspill, England, United Kingdom
Mar 2022	Wildlife Rehabilitation Externship 40 hours, <i>Wildlife Aid</i> , Leatherhead, England, United Kingdom
Jul 2021	Vets-in-the-Wild Undergraduate Externship 120 hours, <i>Ecolife Expeditions</i> , Potchefstroom, NWP, South Africa
May 2019	International Scholar Laureate Program: Delegation on Medicine 150 hours, <i>Envision Experience</i> , Melbourne and Sydney, Australia
June 2012	National Youth Leadership Forum on Medicine 120 hours, <i>Envision Experience</i> , Houston, TX, United States

GRANTS, HONORS, AND SCHOLARSHIPS

2024	\$800	USD	Dr. Linda Wolf CARE for Wildlife Education Scholarship
2023	Merit Award		Innovative Ambassador Program: Selected for excellent demonstration of skill, expertise, and dedication to veterinary medicine for a fully funded 6-day community service program from a pool of over 75 hospitals.
2022	£1,000	GBP	Royal Veterinary College Postgraduate Research Grant
2021	£11,025	GBP	Royal Veterinary College Postgraduate Bursary
2016	\$4,500	USD	Wentz Undergraduate Research Grant
2015	\$1,000	USD	Joseph Fleming Memorial Scholarship
2015-2020	\$10,000	USD	Oklahoma State University Tuition Waiver Scholarship; per annum

2015-2019 \$10,000 USD Oklahoma Regents Scholarship; per annum
2015 \$2,500 USD Freshman Research Scholarship
2014 Service Award Eagle Scout

MANUSCRIPTS IN REVIEW OR PREPARATION

In Peer Review **Funk, W.**, Shadbolt, T., Blake, D., Fox, M., Sainsbury, T. "Morphologic and molecular identification of *Porrocaecum angusticollis* in free-living red kites (*Milvus milvus*) in England and Wales: disease risk implications for translocation to Europe." Returned for revision in the *Journal of Wildlife Management*

In Peer Review **Funk, W.**, Abbott, K., Bryant, D. "Comparative enclosure design for red fox (*Vulpes vulpes*) in a rehabilitation setting: a case study." Returned for revision in *Journal of Wildlife Rehabilitation*.

In Preparation **Funk, W.**, Abbott, K. "Morbidity, Mortality, and Release Rates of Raptors Admitted to an Oklahoma Rehabilitation Center between November 2019 and November 2023."

In Preparation **Funk, W.** "Morbidity and Mortality of Raccoons Admitted to an Oklahoma Rehabilitation Center Between 2015 and 2023"

GRAY LITERATURE

2024 **Funk, W.**, Abbott, K., Gundlach, E., Thomas, M., Rusinko, P., Pline, J., Suttcliffe, K. (2024). Animal Care Protocols. WildCare Oklahoma. Noble, OK, United States. *In-House Protocols*

2022 **Funk, W.** (2022) Avian necropsy protocols. WildCare Oklahoma. Noble, OK, United States. *In-House Protocols*

PRESENTATIONS

Oral Presentations

2024 Funk, W. "Research and Rehabilitation: Bridging the Gap Between Citizen Science and Academia". IWRC Tea and Coffee Webinar (Mar. 25, 2024). Online. PowerPoint.

2022 Funk, W., Shadbolt, T., Blake, D., and Fox, M. "Morphologic and Molecular Characterization of Nematodes in Red Kites (*Milvus milvus*) in England and Wales". Royal Veterinary College Postgraduate Research Symposium (Sept. 9, 2022). ZSL, London, England. PowerPoint.

Poster Presentations

2022 Funk, W., Abbott, K., and Bryant, D. "Comparative Enclosure Design for Red Fox (*Vulpes vulpes*) in a Rehabilitation Setting: A Case Study". Royal Veterinary College Postgraduate Case Study Symposium (May 31, 2022). RVC, London, England.

2017 Funk, W., Taylor, C., and Grant, L. "A Comparison of the Growth of C3 and C4 Monocots in Sandy Soil". Botany Department Research Symposium (Dec. 6, 2017). OSU, Stillwater, OK, United States. Poster

2016 Funk, W., Sanderson, J., Wilkins, A., and Meyer, D. "Effect of Light Quality and Quantity on Growth and Development of C3 and C4 Grasses". Botany Department Research Symposium (Apr. 28, 2016). OSU, Stillwater, OK, United States. Poster

2016 Funk, W., Fraser, S., Fuhlendorf, S. "Coyote Diets in Relation to Controlled Burns". Henry Bellman Department of Undergraduate Research Symposium (Apr. 15, 2016) and Karen L. Smith Undergraduate Research Symposium (Apr. 21, 2016). OSU, Stillwater, OK, United States. Poster

TEACHING EXPERIENCE

Horse Science Academy at Oklahoma State University. Student Instructor.
The Equine Athlete. 8-hour lab and lecture. Nov. 2020
Parasites, Their Management and Anthelmintic Resistance. 8-hour lab and lecture. Nov. 2019
Equine Anatomy. 8-hour lab and lecture. Nov. 2018
Operant Conditioning and First Aid. 8-hour lab and lecture. Nov. 2017

NONTRADITIONAL SCIENTIFIC OUTLETS

Newsletters Articles

Summer 2021 "Raptor Renesting". Wildcare Oklahoma Quarterly Newsletter

Spring 2021 "Brumation". Wildcare Oklahoma Quarterly Newsletter
Social Media Pages
2023 - Present Content creator for Funk's Wildlife Disease Lab (Facebook, Instagram)
2020 - Present Content creator for Wildcare Oklahoma (Facebook, Instagram)

COMMUNITY OUTREACH AND VOLUNTEERING EXPERIENCES

2024 - Present *Oklahoma Chapter of The Wildlife Society. Secretary of the Board of Directors.* Oklahoma City, OK, United States
2024 - Present *Tricord Ranch Foundation. Member of the Board of Directors.* Oklahoma City, OK, United States
2023 - 2024 *Tricord Ranch Foundation. Advisory Board Member with a Focus on Conservation.* Oklahoma City, OK, United States
Nov 2023 *Royal Veterinary College. Veterinary Student Interview Team:* Interviewed prospective students for the RVC's Class of 2029 BVM Candidates. Ft. Worth, TX, United States
Apr 2023 *Animal Balance and Innovetive Petcare. Induction and Intubation Technician:* Induced and intubated 300+ dogs and cats over two days for a low-cost spay/neuter and vaccination clinic for the Whiteriver Apache Tribe. Whiteriver, AZ, United States
Jan - May 2020 *Oklahoma City Zoo. General Volunteer:* Worked in a variety of stations, including wayfinding, elephant presentations, stingray bay, and giraffe feeding. Oklahoma City, OK, United States
Sep 2017, 2018 *Oklahoma State Fair Birthing Center. Student Volunteer:* Monitored pregnant and newborn livestock, assist veterinarians with the birth of pigs, goats, and sheep. Oklahoma City and Tulsa, OK, United States
May - Aug 2018 *WildCare Oklahoma. Animal Care Volunteer:* Volunteered on Raccoon, Rabies Vector, Riparian Mammal, Reptile, and Predator teams. Noble, OK, United States
Mar 2017 *Iowa Tribe of Oklahoma. Spring Migration Event Volunteer:* Managed a booth on mitigation practices to prevent mortality to migrating birds with a focus on educating both children and adults. Perkins, OK, United States
Oct 2015 *Oklahoma State University. Homecoming Council Residential Life Chair Member.* Stillwater, OK, United States
2015 - 2016 *Oklahoma State University. Drummond Hall Community Council Floor President.* Stillwater, OK, United States

PROFESSIONAL AFFILIATIONS

The Wildlife Society Oklahoma Chapter Member, 2024 - Present
National Wildlife Rehabilitators Association (NRWA) Member, 2024 - Present
Association of Wildlife Veterinary Technicians and Nurses (AWildVTN) Member, 2024 - Present
Duck's Unlimited Oklahoma Chapter Member, 2024 - Present
Wildlife Disease Association Member, 2023 - Present
Wild Animal Alumni Association Member, 2023 - Present
International Wildlife Rehabilitators Council (IWRC) Member, 2020 - Present
European Wildlife Disease Association Student Member, 2022-2023
The Wildlife Society Oklahoma State University Chapter Student Member, 2018-2020

SELECT RELEVANT TRAININGS

AWildVTN: May Community Discussion Hour - Avian Hematology, May 13, 2024
NWRA: Avian Clinical Pathology, Mar. 1, 2024
British Divers Marine Life Rescue: Marine Mammal Rescuer Training, Jul 3, 2022
Hoedspruit Reptile Centre: Veterinary Reptile Medicine Course, Aug 1, 2020
IWRC: Pain Management, Feb 20, 2020
IWRC: Zoonoses, Feb 19, 2020
National Wildfire Coordinating Group (NWCG): Firefighter Training S-130, Jan 8-12, 2018
NWCG: Introduction to Wildland Fire Behavior S-190, Jan 8-12, 2018
NWCG: Human Factors in the Wildland Fire Service L-180, Jan 8-12, 2018
FEMA: Introduction to Incident Command System ICS-100, Jan 5, 2018
IWRC: Basic Wildlife Rehabilitation, Dec 2, 2017
Safe Capture International: Chemical Immobilization of Animals, Mar 14-15, 2016