

Dr. Ronald Van Den Bussche

Department of Zoology

Dr. Ron Van Den Bussche joined the Oklahoma State University faculty in 1995 as an assistant professor of zoology. He is currently a Regents Professor and Associate Dean for Research in the College of Arts and Sciences. He earned a bachelor's degree in wildlife management from Eastern Kentucky University, a master's in biology from the University of Memphis and a doctorate in zoology from Texas Tech University. He completed post-doctoral appointments at the University of Idaho and Texas Tech University. He has received an Alfred P. Sloan Fellowship for his post-doctoral work at the University of Idaho and Fulbright Senior Specialist Fellowship to work at the Museum and Institute of Zoology, Polish Academy of Sciences, Warsaw, Poland.

His laboratory uses molecular techniques to understand evolutionary relationships and the partitioning of genetic variation within and among populations of threatened and endangered species, species of management interest, invasive species, and diseases. His current research interests include:

- The ecology and evolution of Hepatitis E virus in non-domesticated mammals
- The invasion of black rats and Norway rats throughout the world
- Evaluation of genetic structure for the better management of the highly endangered Ozark Big-eared bat
- The genetics of White Nose Syndrome in bats



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