

## **Bio**

Katherine Prager (DVM, PhD) is a disease ecologist and wildlife veterinarian with 25 years studying disease in wildlife populations, including 18 years studying infectious disease in endangered canids and 13 years studying *Leptospira*— a complex, zoonotic, multi-host pathogen – in marine and terrestrial ecosystems. She integrates complex concepts and theory from multiple disciplines into an ecological framework and her research focuses on using field, clinical and diagnostic data to understand transmission dynamics in natural populations; evaluate pathogen emergence and persistence; characterize infection in individuals; determine predictors of survival; identify zoonotic pathogens of public health and wildlife conservation concern; evaluate the impact of climate change on infectious disease dynamics, and assess the safety and efficacy of capture and anesthetic techniques in wildlife. Recent investigations have focused on the interaction between climate, host demography, host movement and pathogen transmission.

## **Education and Professional Experience**

BA in Ecology, Evolution and Biology from Princeton University 1996

DVM from UC Davis 2001

PhD in Ecology (Disease Ecology) from UC Davis 2011

Postdoctoral Training in Disease Ecology from UCLA 2010-2012

Associate Researcher at UCLA 2012 - present