

THE DEPT OF FORESTRY & NATURAL RESOURCES PRESENTS

SPRING 2025 SEMINAR SERIES

MONDAY, APRIL 14TH
WSLR 116 3:30 PM - 4:30 PM

JOIN US FOR A LECTURE AND CONVERSATION WITH



Dr. Wendy Beauvais is an epidemiologist specializing in infectious disease modeling, zoonotic diseases, and One Health approaches.

DR. WENDY BEAUVAIS

A veterinarian in the wild: what use is mathematical modelling?

As a veterinary epidemiologist, I apply quantitative and qualitative methods to the problem of infectious disease dynamics at the interface between domestic and wild animals, and humans. In my research I seek to further understanding of complex systems and assess the impact of surveillance and control methods. In my talk I will use a series of case studies ranging from a mass mortality event of saiga antelope (*Saiga saiga* subsp. *tatarica*) in Kazakhstan, to free-living protists in cattle water tanks, to discuss the utility of mathematical modelling for (i) generating hypotheses; (ii) testing hypotheses and (iii) predicting dynamics of infectious diseases.

This series aims to stimulate discussion and create opportunities for collaborations. Everyone is welcome to attend.

LOCATED AT 170 S UNIVERSITY STREET, WEST LAFAYETTE, IN 47907

IF YOU ARE INTERESTED IN MEETING WITH DR. BEAUVAIS PLEASE
CONTACT DR. PAT ZOLLNER AT pzollner@purdue.edu.