

PURDUE UNIVERSITY COLLEGE OF VETERINARY MEDICINE

**PVMRESEARCHDAY KEYNOTE SPEAKER**



**JONNA MAZET, DVM, MPVM, PHD**

**Professor of Epidemiology and Disease Ecology, University of California, Davis  
Executive Director, One Health Institute, University of California, Davis**

*Dr. Jonna Mazet earned her doctorate of veterinary medicine, masters of preventative medicine, and her PhD in epidemiology from UC Davis. In addition to her faculty appointment in the Department of Medicine and Epidemiology in the UC Davis School of Veterinary Medicine, she serves as the Executive Director of the UC Davis One Health Institute (OHI). Dr. Mazet specializes in emerging infectious diseases and wildlife epidemiology, and as director of OHI, focuses on global health problem solving.*

**“One Health - A Prescription for Preparedness”**

The frequency of pandemics is increasing, driven by surging populations, environmental change and globalized trade and travel. The SARS, pandemic influenza, MERS, Ebola and Zika virus outbreaks illustrate that we are ill-prepared to mitigate the impact of a novel zoonotic virus or prevent its emergence – leaving humanity vulnerable to catastrophe. Only a small proportion of viral threats have been identified (estimated to be much less than 1%). The One Health approach has now been applied in over 30 countries, providing a proof of concept that viruses and their associated risk ecology can be identified in advance of spillover. Activities in these countries also provide evidence that a global initiative to identify and characterize most significant viral threats circulating in the world is achievable over the next ten years at a total cost less than the financial burden of response to just one spillover – a critical and essential step towards ending the pandemic era.

**MONDAY, APRIL 10, 2017 | 3:15 - 4:15 P.M. | LYNN 1136**

**JOIN US FOR THE  
Annual PVM Research Day**

[vet.purdue.edu/research/research-day.php](http://vet.purdue.edu/research/research-day.php)  
[vet.purdue.edu/research/phi-zeta-society.php](http://vet.purdue.edu/research/phi-zeta-society.php)