

The Department of Animal & Range Sciences'

Bair Ranch Foundation Seminar Series presents:

**Montana State University's Collaborative Bighorn Sheep Research:
Addressing respiratory disease in bighorn sheep through an
integrated science program**



Dr. Bob Garrott, Department of Ecology, Montana State University

Date/Time: January 17, 2018, 12:00 – 1:00 pm

Location: Animal Biosciences Building 138, MSU

The seminar will describe current challenges to bighorn sheep restoration and management in the northern Rockies with a focus on respiratory disease. Multiple hypothesis will be presented regarding pneumonia epizootics in bighorn sheep populations. Insights on pathogens and disease processes gained from a decade of intensive studies in the region will be discussed along with emerging technologies that hold promise to advance our understanding of bighorn sheep ecology and the etiology of respiratory disease.

Dr. Robert A. Garrott earned a B.S. in Wildlife Biology from the University of Montana, a M.S. in Wildlife Management from the Pennsylvania State University, and a Ph.D. in Wildlife Conservation from the University of Minnesota. Prior to joining the faculty at MSU he held positions as a Staff Scientist at Los Alamos National Laboratory, as a Research Associate at Colorado State University, and as an Assistant Professor at the University of Wisconsin-Madison. He has conducted large mammal research in both terrestrial and marine ecosystems for over 4 decades, with studies ranging from Arctic Alaska, to Antarctica, and throughout the western US. For the past decade he has lead a large collaborative research effort to better understand the ecology of bighorn sheep, which involves herds from throughout Montana and the Greater Yellowstone Ecosystem. He has authored or edited four books, 33 book chapters, and more than 140 scholarly articles in peer-reviewed scientific journals.