KANSAS STATE UNIVERSITY

Division of Biology Presents:

Conserving Wildlife in the Age of Humans: Corridors, Consequences, and Coexistence

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Looking at an image of the world at night from space, one cannot help but be struck by the pervasiveness of human activities on the surface of the Earth. Human land use has been credited with significantly impacting more than 80% of Earth's ice-free areas and in some landscapes up to 90% of the primary productivity has been absconded for human uses. This has resulted in rampant loss and fragmentation of natural areas and a possible biodiversity conservation crisis. Conservation Corridors remain the single most frequently cited intervention to address this rampant loss of biodiversity, but how effective are these human designed interventions? As a spatial ecologist and landscape geneticist work in my lab focuses on using interdisciplinary approaches to quantify and mitigate human impacts to wildlife and quantify traits of the landscape that enable wildlife to either thrive amidst humans or as is more often the case, to get out of our way. In this talk I will summarize our decadienal long multinational collaborative study to investigate how humans and human interventions have potentially benefited wildlife conservation, factors associated with successful management, and some of the unintended consequences of those management approaches. Whether you interest is in flighted or furry creatures who occupy some of the most remote places on earth or the most cosmopolitan urban landscape, we will address strategies that affect wildlife viability in the Anthropocene. I will also address why our lab group logo includes bigfoot and unicorns.

If you would like to visit with Dr. Andrew Gregory, please contact Dr. Andrew Hope at ahope@ksu.edu.

Coffee & snacks served preceding the seminar in Ackert Hall, Room 225