We are interested in understanding how the immune system can respond to multiple inflammatory insults at the same time. Specifically, we seek to understand how the lung orchestrates the local, organismal, and systemic responses through the lens of balancing host tolerance and resistance. Disease tolerance is the concept that in order to survive an infection the host must not only clear the pathogen but withstand changes to homeostasis triggered by both the pathogen and the host response. This talk will focus on two interrelated areas: 1) Understanding host disease tolerance and the innate immune response to complex respiratory infections with viral pathogens and bacteria, and 2) Understanding how the immune system responds to two competing inflammatory insults or “immune triage.”

If you would like to visit with Dr. Amanda Jamieson, please contact Dr. Pankaj Baral at baral@ksu.edu.

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