**Zoonoses reading questions – from Spillover, by David Quammen**

**1. Define zoonoses and give an example of a disease that is a zoonoses and one that is not. Explain how they differ.**

**2. Why are zoonoses difficult to eradicate?**

**3. Define reservoir host.**

 **What conditions promote diseases a) to remain undetected in reservoir hosts? and**

 **b) to emerge???**

**4. Of all the types of pathogens, why are viruses so difficult to control? (3 reasons)**

**5. Compare the terms spillover and emergence. How are they related?**

**6. Two different processes must be involved for spillover and emergence. Describe these processes and explain the fallacy in the phrase used on page 344: “the revenge of the rainforest”.**

**7. On Monday 11/12/12 we will Skype with Dr Rick Ostfeld of the Cary Institute for Ecological Studies in Millbrook, NY. He is an ecologist by training, but has spent many years studying Lyme Disease as it relates to local ecosystems. In order to have some dialog (he isn’t planning on a lecture!) please come up with 3 well thought out and insightful questions for him.**