***Formulating Research Questions***

**Monday, January 14: 3:45pm-4:45pm**

**3:45-3:55pm: Brainstorm** what is research, what makes up a research project

**3:55-4:00pm: Ask,** audience for example **research question** that could be modeled mechanistically. *i.e., how does the population prevalence of HIV impact the transmission rate of TB?*

**4:00-4:25pm: Brainstorm** *state variables* in your system and *processes* that describe how individuals can move between these states. Highlight how some *processes* are dependent on various *states.*

**4:25-4:45: Write** down your research question in plain language. Use words that anyone could understand.

***Bring your research question to tomorrow’s small group session, ‘*Refining research questions for modeling’, *at 4:30pm***