***Formulating Research Questions***

**Monday, January 15: 2pm-3:00pm**

**2:00-2:05am: Ask,** audience for example research question that could be modeled. *i.e., how does the population prevalence of HIV impact the transmission rate of TB?*

**2:05-2:20am: 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.*

**2:20-2:25am: Pair up** with a partner you do not know.

**2:25-2:30am: Write** down your research question in plain language. Use words that anyone could understand.

**2:30-2:40am: Share** with partner.

--State your research question, then allow them to ask you questions about your question. Discuss your question until you arrive at a common understanding of what the question is and why it’s important.

--With partner, list *states* and *processes* you can identify in your system.

**2:40-2:50am: Repeat** for the otherpartner.

**2:50am-3:00pm: For homework,** make any further adjustments to your research question that seem appropriate after hearing your partner’s interpretation of your research. You can adopt their language if you feel they have done a particularly good job of wording your question so it can be understood by those outside your field of study.

***Bring your edited question to tomorrow’s small group session, ‘*Refining research questions for modeling’, *at 1pm***