

## Plan

- Meet twice a week minimum, according to next semester schedule if possible
- Advisor meet as warranted and according to schedules
- Syllabus for 465 is not online, so we cannot be very specific with dates as of yet.

Our model is relatively cemented now and as we end semester 1 we are feeling rather confident we know the way forward. Plans have formed to write a simulator and Andrew gave an intriguing idea for our mathematical model we intend to utilize.

## Data Collection Plan

Resources will include using a POSIX programming environment (Cygwin/Unix/Linux) and Python. The plan is to make a simulator with a simple GUI for either manually experimenting with various configurations or automatically trying lots of combinations with visual feedback for better conceptualization and facilitated communication with others. For the graphical toolkit, we are likely choosing between SDL and QT for portability and ease. Mitchell needs to either be taught Python or work on some native code that we can interface with Cython (C Python).