1. Make Slack channel with Sid and Tatum
2. Ask Tatum for LK14 DAR16-IV sequences
3. DAR16-IV extended to alpha,
4. DAR16-IV alpha to beta (heated)
5. LK14 extended to alpha
6. Does this go towards higher entropy?
7. Make graphs of trajectories (entropy vs time)
8. Random matrix of Hamiltonian numbers, multiply by adjacency matrix
9. Do the above multiple times (find eigenvalues)
10. Figure out if hyperparameters are correct (look for trend)
11. Does peptide folding increase the entropy of electron eigenvalues?
12. Write paragraph about this
13. Make some slides about this
14. Direct conversion of an oligopeptide from a beta sheet to an alpha helix: A model for amyloid formation

Tatum Notes:  
1. Schrodinger is a simulation program

Schrogpu | exxact@1

1. Open terminal

export SCHRODINGER=/opt/schrodinger/2019-2

$SCHRODINGER/utilities/configure

Press start process

1. New terminal

./run\_bioluminate.sh