May 21st – 25th

**GOAL**: Reviewing background material, Basic yeast husbandry, (S*. cerevisiae* strains) Inoculate cultures, streaking for single cells on a plate. Paul next day do some microscopy set up growth curve. Background on fungi, yeasts.

May 21st David starts

3:00 pm meeting talk about goals, yeasts, growth curves, and python.

May 22nd – May 25th (Cullen Gone)

May 22nd

Working in lab w/ Dr. Magwene. on basic yeast culturing and growth.

Streaking out yeast, sterile technique, basic microscopy.

Starting Tecan data run

May 23rd – 25th

Finishing what is left from May 22nd in lab w/ Dr. Magwene.

Reading through and working on modeling microbial growth notebook (sent by Cullen).

May 28th – June 1st

**GOAL**: Review material and papers on python, growth curves, and yeasts.

David developing python code for growth curve visualizations: Utilize sample datasets provided by Cullen. Continue working on python code development and implementation.

Review parametric vs non-parametric approaches.

May 28th

Catch up with Cullen, review activity and progress from last week.

Discuss growth curve modeling in greater detail and project goals.

May 29th – Jun 1st

Working in lab on code development.

June 1st (Cullen Gone)

June 4th – 8th

**GOAL**:

June 4th meet with Cullen (maybe Paul) set goals for the next two weeks / discuss progress.

June 11th – 15th

**GOAL**:

June 18th – 22nd

**GOAL**:

June 18th – June 22nd (Cullen Gone)

June 25th – 29th

**GOAL:**

July 2nd – 6th

**GOAL:**

July 9th – 13th

**GOAL:**

July 16th – 20th

**GOAL:**

July 23rd – 27th

**GOAL:**

July 25th David’s last day