- My priorities over the next few weeks:
  - Get Steve up to speed on SFL, confocal, and image analysis
  - Determine if I have to finish any experiments for my thesis as currently outlined, or if anything needs to be added or cut.
  - Write thesis and produce figures.

September: First Pass Through Thesis

8/29 - 9/4	9/5 - 9/11	9/12 - 9/18	9/19 - 9/25	9/26 - 10/2
Janus Fab Practice	Particle collect / processing	Clean room training	Clean room training	Confocal training
	Finish analysis of rod data	New rod experiments if necessary		Analyze any new data; New images if needed
Outline content; Decide cuts?	Intro + Lit Review	Chapter 5: Complex particles	Chapter 2: Tracking Algorithms	Chapter 3: Rod-shaped Colloids
Job Interviews (R and Riverbed)		**Confocal piezo arrives? Fix confocal!**		
	Coordinate w/ Scott On DNA paper		Wolfram interview?	

Key: **Training Steve** | **Lab for Thesis** | **Writing** | **Misc**

October: Finish Thesis and Editing

10/3 - 10/9	10/10 - 10/16	10/17 - 10/23	10/24 - 10/30
Software primer (Matlab, Clewin, etc)	Basic analysis of confocal data	Support on experiments	
If at all possible, no experiments this month			
Appendices	Editing; may Include new data	Editing; may Include new data	Editing! Give to JAL.
Close down my lab space.			

Key: **Training Steve** | **Lab for Thesis** | **Writing** | **Misc**

Thesis decisions

- Experiments
  - Need to finish analyzing rod tracking data I have!
  - Decide if new data is needed: start doing this ASAP if so.
  - Determine if we need higher-quality particle images: obtain if so.
- Computational
  - Algorithm is developed for tracking other shapes, but the programming isn't. Very difficult to get right.
  - How necessary is this? Do we drop it or deprioritize?
  - Note: I ***want*** this section, but not as much as I want to graduate.
- Is anything else necessary?

- What should Steve be working on?
  - My experiments are almost done for the thesis as defined. At most, I will need:
    - A few more rod diffusion experiments (take a couple days)
    - A few good images of Janus rods or other particles, if current ones don't serve
  - These are not useful for him, except as SFL practice.
- My suggestion: start him on “mini-project” with defined goal.
  - One idea: hydrophobic-patterned substrate, let rods assemble on this.
  - Another: Set up “PnP” SFL, get him talking to Rogers group early.