GOALS and PLANNING

Name & date

Accomplishments (from previous timeframe)

Research Goals (for upcoming timeframe)

Professional & Personal Goals (for upcoming timeframe)

Feedback
GOALS and PLANNING

January

February

March

April

May

June

July

August

September

October

November

December
Accomplishments (from previous timeframe)
- Published paper
- Drafted main paper including new experiments
- Genome editing experiment in progress
- Wrote NSF research plan; funded!
- Followup transgenics in progress
- Tried CRISPRi - need to transfect
- Submitted CFSF poster
- Fly meeting abstract submitted

Research Goals (for upcoming timeframe)

- Continue rescue experiment with genome editing
- Measure followup constructs
- Cis/ trans experiments for situationality project
- Continue to support CRISPRi
- Followup on separator screen

Professional & Personal Goals (for upcoming timeframe)

- Apply for communication award
- Submit main paper (think about where)
- DAC #3
- Present at a national meeting
- Outline separator screen project
- Start thinking about postdoc labs
- Department talk?
- Graduate late 2016

Feedback TO ANGELA

New system has really helped with communication with you and others in lab. As always, you provide excellent support both scientifically and personally and help us develop as well-rounded scientists ®.

Writing the NSF grant was a great experience. 3-person team writing is a good template for the future.

We've gotten better at setting appropriate expectations for rotation students. Lack of clear timetables or paper drafts have been a source of frustration for a couple lab members.

I've mentored 7 people in 3 years and often feel like the only person with rotation projects in place.

From Angela - expts on defining regulators

From Angela -

high priority

Think about kinetic synergy angle for second project

Incorporate some followup in cell culture/bioinformatics

From Angela -

If undergrad-focused teaching + research is goal, think about system cost in postdoc lab

Contact interfor colleagues who have focused on undergraduate education.
GOALS and PLANNING

FROM ANGELA

Accomplishments (from previous timeframe)
- Helped to plan and write NSF grant.
- Published paper!
  Mentored George, Kingo and Paul
- Organized and executed Genetics bootcamp course
- Executed all CRISPRi cloning, got back transgenic flies
- Finished data collection for all synthetic enhancers, have found the narrative for the paper
- Half-way done with identifying all the regulators for 2nd enhancer project

Poster @ CSIL
Poster @ Fly Meeting

Grad program recruitment & retreat
DAC Meetings
Took over organizing journal club.

Research Goals (for upcoming timeframe)
- For synthetic enhancer paper, need final piece of data on transgenic rescue
- For second enhancer project, finish identifying all regulators, consider their functional role
- Transcription factor bifunctionality project, complete cis and trans experiments outlined in the grant
  [Revisit the cell culture and biochemistry experiments suggested by your committee]

Not super interested in this, haven't taken any practical steps yet.

Professional & Personal Goals (for upcoming timeframe)
- Work from paper drafts for two manuscripts above
- Begin thinking of next steps at end of 2015
- Presentation at conference?
  iBio presentation
  DAC #3
  Departmental talk

Aiming for research & teaching at undergrad institution
Submit #1 (eLife, PLoS Bio, MSB, or PLoS Genetics)
Graduate 2016 - interviews for postdocs late 2015/early 2016

Feedback

STRENGTHS - Science is coming along at a good pace - you may wrap up 3 separate papers before graduating. Such excellent communication skills (with me and everyone else in lab). Really appreciate how you keep things running and take the initiative to get things done (while I was on maternity leave, and since getting back).

Writing the grant and the paper was fun for me, largely because it's fun to work together. Spectacular mentoring and teaching skills. Will be looking to you and John to help with the transition to a new set of people after the big turnover this year because of graduation and new jobs for multiple people.

AREAS FOR MORE FOCUS - You may need to triage some experimental directions if your goal is to graduate in 2016. It would be helpful to diversify your experiments (you're doing a lot of molecular biology and imaging). It's also time to start preparing for next steps (what can I do to help?).
FEEDBACK FOR ANGELA (from Jane)

- Writing the grant was a good experience — helped with writing skills — good opportunity to think about future directions

- I've gotten better at setting expectations for rotation students.

- There's a lack of clear time tables when writing papers. It's frustrating when the PI is the bottleneck. Maybe let people know what order they are in line if lots of people are in the queue for PI attention?

- Jane's done too much rotation student mentoring recently — she really needs a break.
GOALS and PLANNING

January
- Grant construct cloning -

February
- Redo computational analysis

March
- Fly meeting - poster, look at postdoc labs
- DAC

April
- Submit paper #1?

May

June
- Send in revision of ROI

July
- Data collection on TF constructs

August

September
- DAC?

October
- Submit paper revision
- Decide where to apply for postdocs
- Outline thesis

November

December