

GOALS and PLANNING

Name & date

Accomplishments (from previous timeframe)

Research Goals (for upcoming timeframe)

Professional & Personal Goals (for upcoming timeframe)

Feedback

**GOALS and PLANNING**

Name & date

January

February

March

April

May

June

July

August

September

October

November

December

GOALS and PLANNING  
FROM JANE

June 2015

Name & date

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 troubleshoot  
CSH poster  
Fly meeting abstract submitted

Supervised George - expt in evolution paper  
Supervised Ringo - sufficiency experiment  
Supervised Paul - cotactor screen + followup  
Talks at recruitment and retreat  
Organized group meeting and journal club  
Scheduled DAC #3

Research Goals (for upcoming timeframe)

Continue rescue experiment w/ genome editing  
Measure followup constructs  
cis/trans experiments for bistractionality project

Continue to support CRISPRi  
Followup on cotactor screen

} high priority

} low priority

From Angela - expts on  
defining regulators

From Angela -

• Think about kinetic synergy  
angle for second project

• Incorporate some followup in  
cell culture/bioinformatics

Professional & Personal Goals (for upcoming timeframe)

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

From Angela -

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

• Contact info for colleagues who have  
focused on undergraduate education.

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 on 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.

## GOALS and PLANNING

Jane Smith 2015

FROM ANGELA

### Accomplishments (from previous timeframe)

- ✓ Helped to plan and write NSF grant.
- ✓ Published paper!
- ✓ Mentored George, Ringo 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 @ CSHL

Poster @ Fly Meeting

### 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.

longer term, think about coordinating this project with John.

### 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

Graduate 2016 - interviews for postdocs late 2015/early 2016.

→ Aiming for research & teaching at undergrad institution  
submit #1 (eLife, PLoS Bio, MSB, or PLoS Genetics)

### 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

Jane Smith 2015

Name & date

January → GRANT CONSTRUCT CLONING

February ← REDO COMPUTATIONAL ANALYSIS

March FLY MEETING — poster, look @ postdoc labs  
DAC

April SUBMIT PAPER #1?

May

June SEND IN REVISION OF R01

July ^ DATA COLLECTION ON TF CONSTRUCTS

August

September

October ↓ DAC?  
↑ SUBMIT PAPER REVISION  
DECIDE WHERE TO APPLY FOR POSTDOCS  
OUTLINE THESIS.

November

December ↓