Mentorship Agreement - Lin Ha

2024-05-28

The purpose of this mentorship agreement is to align mentor and mentee expectations about undergraduate research. This will help mentor and mentee to establish norms that will contribute to a successful research experience.

Goals

- Gain hands-on experience in Bayesian statistical analysis
- Learn about plant physiology and leaf responses to different light environments
- Gain experience in research, such as developing research ideas and scientific writing
- Improve teamwork and group communication skills

Steps to achieving goals

- Analyze light-response curve data from *Solanum* experiment
- Read books and primary literature on plant physiology with guidance from Professor Muir
- Write Methods and Results sections of manuscript
- Make figures and tables summarizing data analysis
- Read about discuss elements of scientific writing
    - Professor Muir will help identify guides to science writing
- Contribute to first draft of manuscript to be completed by the end of the summer (Aug. 30)

Communication

- Send short questions and comments using Slack
- Send longer communications through Email
- Text or call for urgent matters

Meetings

- Weekly goal setting meeting on Monday @ 10 AM, in-person in Birge 211
- Weekly summary report meeting on Friday @ 10 AM, in-person in Birge 211
- For regularly scheduled meetings, push a meeting agenda to the `agenda/` directory at least 24 hours in advance
- No agenda is required for *ad hoc* meetings
- There will more frequent *ad hoc* meetings at the beginning of the summer and as needed thereafter
- Request feedback from Professor Muir at least 48 hours in advance whenever possible. I may not be able to respond to last-minute requests.

Other important reminders

- Update research log daily and push to GitHub
- Make sure timesheets are up-to-date

Evaluation

- June 14 - structred check-in on mentoring effectiveness
- Friday meetings will include regular progress reprots
- End-of-summer survey (Professor Muir will send link to Google form)