WASHINGTON STATE UNIVERSITY
Institute of Biological Chemistry

John Browse Molecular Plant Science Lab
Pullman, WA
Nicholas Tanis
Summer Semester

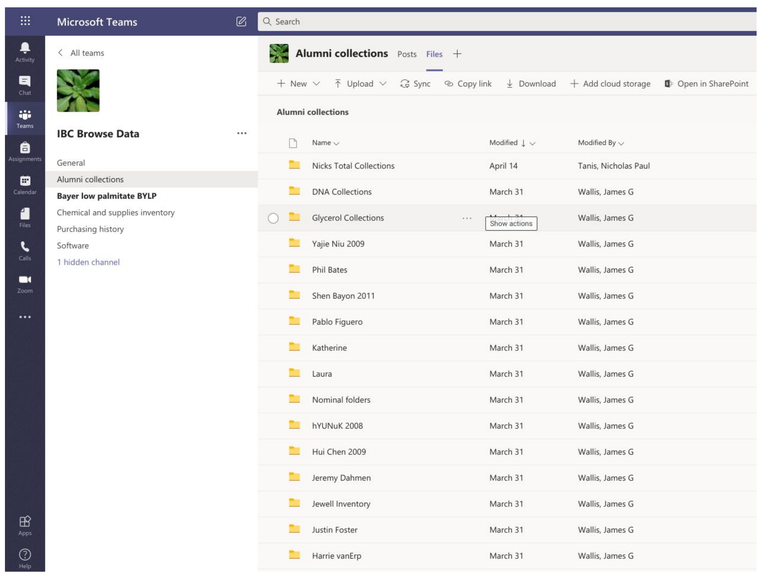
Introduction

The John Browse Molecular Plant Science Lab, researches the science behind healthier vegetable oils and crop defenses against pests, pathogens, and environmental stress. I was brought on a year and a half ago to help with lab organization and equipment inventory. This summer I was tasked to organize lab alumni seed, DNA, and glycerol collections into single spreadsheets for ease of access for future research.

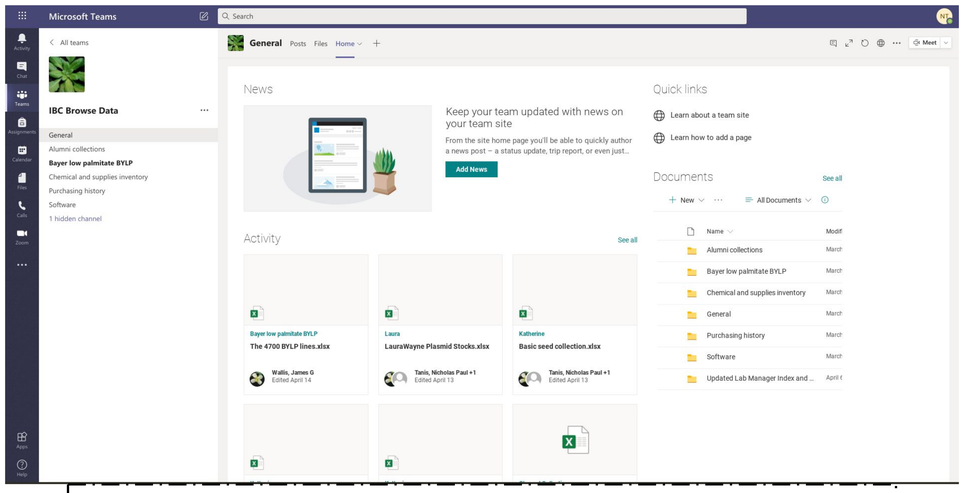
Main Section

Responsibilities during summer semester:

- Analyze alumni collections
- Create a spreadsheet for Seed stock, DNA stock, and Glycerol Stock
- Organize data to all look similar
- Make a easy access database for future data collections
- Communicate with Internship Mentor and other team members to achieve goals through Microsoft Teams



This is an image of my Microsoft Teams page of the folders of Alumni Collections That I would be looking over and organizing.

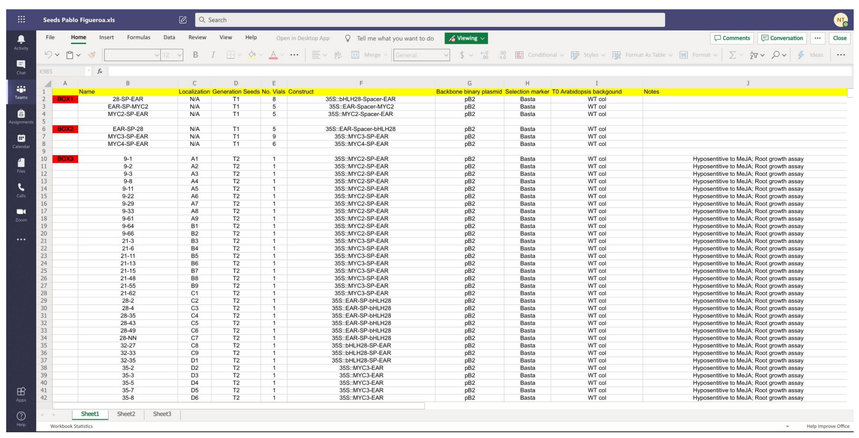


This is the Homescreen of the Microsoft Teams where my Internship Mentor would communicate with me and the rest of the team.

Summary

The experience I receive by working in this lab will help me greatly in my future endeavors. This summer of analyzing spreadsheets and gaining knowledge of scientific organization techniques is a great skills that future employers value. With these skills and other knowledge I have gained from the lab in the past has steered me towards what I truly want in a career after I leave WSU.

Before



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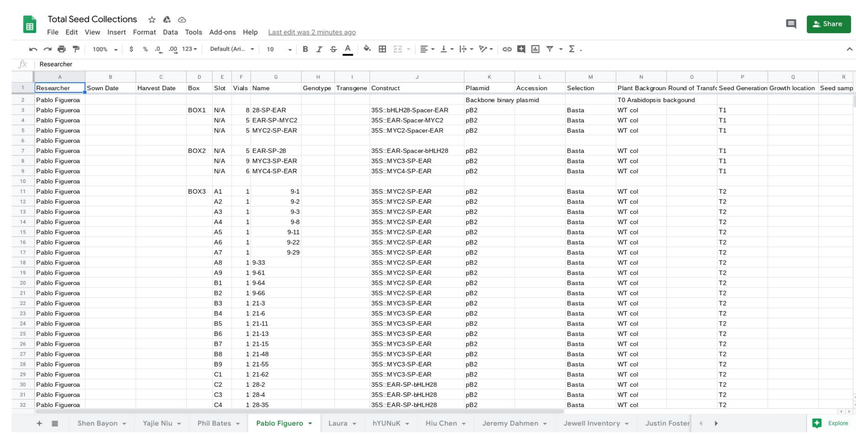

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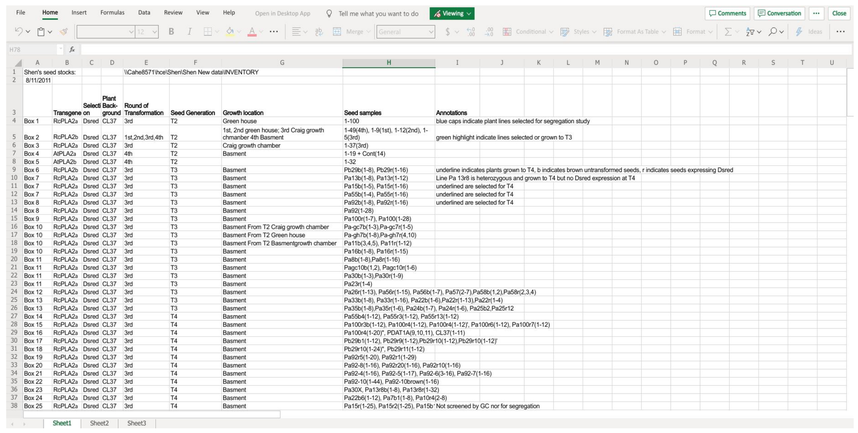

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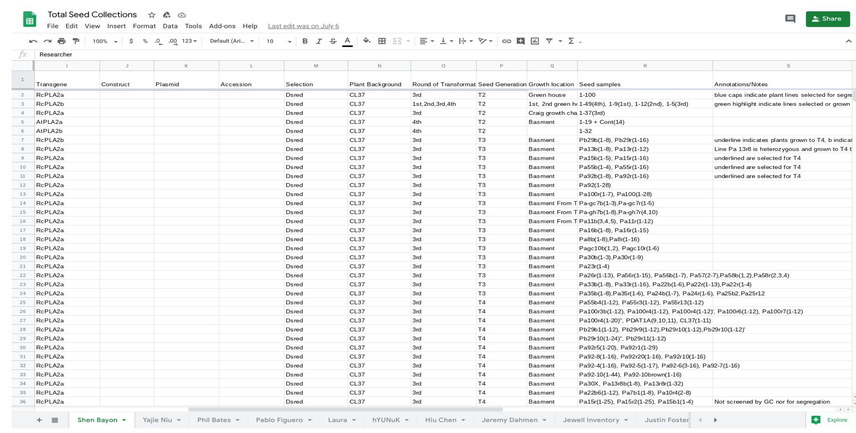

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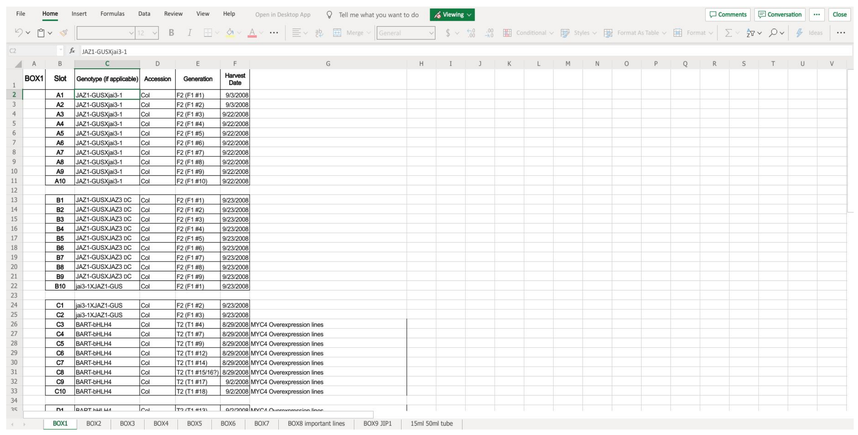

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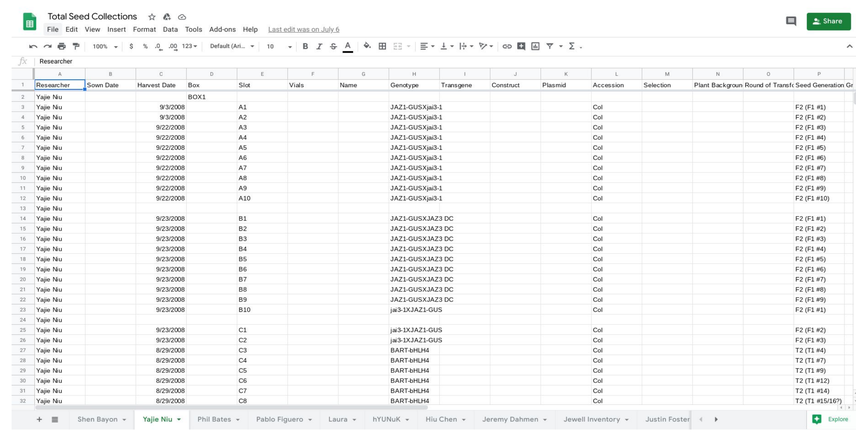

These are Before and After photos of three alumni seed collections, you can see how the their spreadsheet was organized and then how I organized it to fit in a spreadsheet all together.