**Weekly Research Schedule:**

**M/W/F:**

10 – 12:30

Write

12:30 – 1:00

Communications

5 – 8

Write ongoing papers / review work

Read new papers

Work in lab

**Tu/Th:**

9:30 – 12:00

Write

1:00 – 3:00

Communications

**To do list per week:**

* 04/14

ERI Renewal  
Weekly Plan with List of Deliverables

Calculate run times to first harvest for species.

Obtain sources of straw and sawdust.

* 04/21

Read additional Papers

Fill out form for growth chambers.

Conduct PCR (if primers arrive)

Finish Methods & Materials section.

Visit Greenhouses to plan growing procedures.

Order control substrate, gypsum.

Gather tools for processing substrates.

* 04/28

Conduct PCR

Start colony expansion.

Have tools for processing substrates.

* 05/14

Have growing rooms

* 05/11

**Deliverables:**

* Have growing space reserved
* Renew grant funding.
* Methods document containing exact protocols for each species.
* Find sources for sawdust and straw.
* Schedule of running times for fungi and starting dates for different steps.
* PCR analysis

**What do you plan to accomplish this coming year?**

* April 2022: Start cultivation trials.
* May/June 2022: Continue cultivation. Collect data regarding mushroom yields and quality.
* Multiple flushes of mushrooms will be collected during the summer and early fall.
* Early Fall 2022: Analyze the total mushroom yield and growth as a function of species x substrate combination.
* Fall 2022: Compile an economic analysis of mushroom yields. The costs, labor inputs, and market prices will be compared to the other mushroom species/strains that are already in wide cultivation.
* Fall 2022/Spring 2023: If the economic analysis indicates that cultivation the selected species/strains is economically feasible, a workshop presenting our findings will be hosted.

**March:**

1. Obtain substrates
   1. Straw
      1. Four Star Supply - Pullman
   2. Spent brewing grain
      1. Paradise Creek
      2. Moscow Brewing Compay
   3. Sawdust
      1. Dayton Lumber Company – Wallawalla
      2. Northwest Hardwoods – Tacaoma
      3. Cascade Lumber – Chehalis
      4. North Fork Sawmill – Lewistion, ID
   4. Coffee
      1. Various coffee shops
   5. Gypsum
2. Order other materials
   1. Control substrate
   2. Rye grain for spawning
   3. More growing bags
3. Reserve growing room space
   1. Dan Dreesmann
4. Finish Methods
5. Start colony expansion on grain (?)

**April:**

1. Colony grain expansion
2. Set up growing rooms (when available)
3. Start cultivation

**May:**

1. Continue Cultivation.
2. Review publication procedures.

**June:**

**Summer:**