

## Week 4: Laboratory and Evening Schedule

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### **Monday**

#### Lab Goals

- Genome annotation, gene search and BLAST, IMG, and other resources.
- Work on miniprojects.

#### **Afternoon and Evening**

	Genome annotation etc.	Miniprojects
1:00 – 3:00	1+2 at Candle House	3+4
7:00 – 9:00	3+4 at Fishbowl	1+2

## Week 4 Laboratory and Evening Schedule

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### Tuesday

#### Lab Goals

- UNIX command line, scripting, and automation.
- Work on miniprojects.

#### Afternoon

	UNIX	Miniprojects
1:00 – 3:00	3+4 at Candle House	1+2
7:00 – 9:00	1+2 at Fishbowl	3+4

6:30pm front of Swope Group photo

## Week 4 Laboratory and Evening Schedule

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### **Wednesday**

#### Lab Goals

- Use sourmash to search and compare genomes and metagenomes; understand a bit more about k-mers.
- Miniprojects.

#### **Afternoon**

	Sourmash software	Miniprojects
1:00 – 3:00	1+2 at Candle House	3+4
2:00 – 4:00	3+4 at Candle House	1+2

#### Evening:

6:00pm – 2 min students miniproject pitch presentation - Pizza

8:00pm – Termite guts at Fishbowl and lab

## Week 4 Laboratory and Evening Schedule

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### **Thursday**

#### Lab Goals

- Programming in R for plotting and RNAseq analysis.
- Miniprojects.

#### **Afternoon**

	#rstats tutorial	Miniprojects
1:00-3:00	3+4 at Candle House	1+2
7:00-9:00	1+2 at Fishbowl	3+4

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### **Friday**

#### Lab Goals

- Miniprojects.

#### **Afternoon**

1:00-5:00pm      Miniprojects; genomic & bioinformatics consultation with Titus and Lisa.

#### **Evening**

8:00pm            **MBL Friday Night Lecture**

## **Week 4 Laboratory and Evening Schedule**

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### **Saturday**

Symposium II – Interaction between Microbes and Eukaryotes  
(speakers Colleen Cavanaugh, Nicole King, Elizabeth Ottesen, John McCutcheon, Nicholas Shikuma)

**9:00am - 4:30pm Candle House**