



Date	6-27	6-28	6-29	6-30	7-1
Location	PGSS 2				
Activity	Introduction Presentation			Chicken leg dissection	
Materials	Possible that they can do the cell project and use for a science fair				
Guest Speaker					
Other					
Prep for future					
			SAMS		
Location					
Activity		intro to course; films, TE flags/logos, fluid density challenge?	Human performance challenges Pipette practice with food dye and w	Chicken leg Dissection	Reporter molecule challenge with Specs
Materials				Chicken leg Dissection tools Foil food coloring	Specs 100 ppm Stock Unknown Pipets and Pumps Tubes and racks
Guest Speaker			Katrina Knight, Basic Knee anatomy	Steve Abramowitch	
Other					
Prep for future					

Date	7-4	7-5	7-6	7-7	7-8
	PGSS				
Location				Smith Hall	
Activity				Stem cell culturing (3T3 cells + C2C12). Serum modulation effects on growth/wound repair, differentiation.	
Materials					
Guest Speaker					
Other					
Prep for future					
	SAMS				
Location		MI 351 -> Smith Hall	Smith Hall	Smith Hall->MI 351	Smith Hall
Activity		Stem cell seeding with White and pink Yeast, Going to Smith Hall Lab to show Cell Passing	What stem cells are Movie, theory Show them the lab review sterile technique	Change Media on half of flasks Yeast tox lab Intro to ANOVA	hemacytometer for C2C12 Counting pink yeast at MI
Materials		White Yeast YEP plates Spreader Bars	no	1. 3 test tube racks (for large tubes) 2. 3 sets of micropipets (p1000, p100, p10 or 20) 3. 3 sets of microtips (blue and yellow). 4. 6 spreader bars 5. 3 ethanol jars 6. 3 waste plastic beakers for tips.	
		Pink Yeast			
Guest Speaker					
Other					
Prep for future					
		Count cells, survivorship curve ANOVA			

Date	7-11	7-12	7-13	7-14	7-15
	PGSS				
Location	Smith			Smith Hall	
Activity	Discuss the variables	Some students add variable		Look	
Materials					
Guest Speaker					
Other					
Prep for future					
HW					
	SAMS				
Location		Smith Hall	Smith Hall	Smith Hall	Smith Hall
Activity		Cell counts Yeast LD50 Imaging Discuss variable for survivorship study	Drug release over time and hydrogel (also osteoblast activity)  Nerve Guides?	Bone strength activities	Bone strength activities
Materials			Specs Food color gelcaps	Bone strength kits (K'nex and other)	Bone strength kits (K'nex and other)
Guest Speaker				Phil Campbell 3:30-4:30	
Other					
Prep for future		Pull out myotube flasks and stain			

Date	7-18	7-19	7-20	7-21	7-22
	PGSS				
Location	Smith Hall			Smith Hall	
Activity					
Materials					
Guest Speaker					
Other					
Prep for future					
	SAMS				
Location		Smith Hall	Smith Hall	Smith Hall	Smith Hall (No Eric)
Activity		synapse modeling activity. Intro nervous system and neural If time, neural reaction time lab.	Start nerve guides Ross' activity	evaluate nerve guides Mind games activity	Robo Roach
Materials		Meter sticks,			
Guest Speaker		Mia Baker presentation	Ross Tedder	Marra Lab speaker Rob Donahue	Ryan Nguyen
Other					
Prep for future					

Date	7-25	7-26	7-27	7-28	7-29
	PGSS				
Location					
Activity					
Materials					
Guest Speaker					
Other					
Prep for future					
	SAMS				
Location					
Activity					
Materials					
Guest Speaker					
Other					
Prep for future					

Date	8-1	8-2	8-3	8-4	8-5
	PGSS				
Location					
Activity					
Materials					
Guest Speaker					
Other					
Prep for future					
	SAMS				
Location					
Activity					
Materials					
Guest Speaker					
Other					
Prep for future					