

## FYSci Tentative 2014 PROGRAM

	<b>Monday, July 7<sup>th</sup></b>	<b>Tuesday, July 8<sup>th</sup></b>	<b>Wednesday, July 9<sup>th</sup></b>	<b>Thursday, July 10<sup>th</sup></b>	<b>Friday, July 11<sup>th</sup></b>
<b>8:30 AM</b>	Welcome and icebreaker activity	Intro to the day	Intro to the day	Intro to the day	Intro to the day
<b>9:00 – 10:00</b>	<b>Presentation on Cloning and Restriction Enzymes</b>	<b>Presentation on Transformation and sequencing</b>	<b>Lab activity: GFP Purification Lesson 1</b>	<b>Lab activity: GFP purification Lesson 2</b>	<b>Lab activity: Protein Electrophoresis of GFP</b>
<b>10:00 – 11:00</b>	<b>Lab activity: Fingerprinting using restriction enzymes</b>	<b>Lab tour</b>	<b>Career Panel</b>	<b>Protein detective: using protein purification to study proteins at the molecular level</b>	
<b>11:00 - noon</b>	<b>Presentation on PCR and fingerprinting</b>	<b>Lab activity: Transformation</b>			<b>Lab activity : GFP purification Lesson 3</b>
<b>Noon – 1:00 PM</b>	Lunch time	Lunch time	Lunch time	Lunch time presentation on scholarships and university applications	Lunch time
<b>1:00 – 2:00</b>	<b>Lab activity: (Cont'd)</b>	<b>Lab activity: Transformation (Cont'd)</b>	<b>Movie The Island</b>	<b>Lab activity : GFP purification Lesson 4</b>	<b>Lab Tour (Crystallography?)</b>
<b>2:00 – 3:00</b>	<b>Lab Activity: Analysis of Restriction digest DNA</b>	<b>Tour of Main campus</b>		<b>Lab Tour</b>	<b>Surprise Lab !</b>
<b>3:00 – 4:00</b>	<b>Lab tour</b>	<b>What are our expected results for the experiment?</b>	<b>Ethics Presentation</b>	<b>SEM microscope</b>	<b>Lab activity: (Cont'd)</b>
<b>4:00 – 4:30</b>	Wrap-up	Wrap-up	Wrap-up	Wrap-up	Evaluation and Concluding remarks