

**WORKSHOP TITLE:** Basic Techniques in Tissue Culture Systems

**INSTRUCTOR:** Dr. Steven J. Ontiveros

**LAB ROOM NUMBER:** Foster Hall Rm. 430

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**DAY & TIME:** Wednesday, 6/11/2014 10:00am -12:00pm & 1:00-5:00  
Thursday, 6/12/2014 1:00-5:00

**LOCATION:** Foster Hall Rm. 481 (Morning)  
Biology Annex Rm. 106 (Afternoon)

**WORKSHOP DESCRIPTION:** Basic cell culture practices and technologies, and safety overview.

**LEARNING OBJECTIVES:**

1. Cell culture aseptic techniques
2. Growing and subculturing mammalian cells
3. Technologies used in cell culture
4. Basic microscopy techniques
5. Safety considerations

**PROJECTED SCHEDULE:**

	Time	6/11/2014 Wednesday	6/12/2014 Thursday
All Students	10:00-12:00	Lecture - Foster Hall Rm. 481	----
Group 1	1:00-3:00*	-Basic Sterile Techniques -Splitting Cells & Counting -Transfections	-Freezing Cells
	3:00-5:00*	-Visualizing Cells -Cell Staining – Small Molecules	-Live Cell Imaging
Group 2	1:00-3:00*	-Visualizing Cells -Cell Staining – Small Molecules	-Live Cell Imaging
	3:00-5:00*	-Basic Sterile Techniques -Splitting Cells & Counting -Transfections	-Freezing Cells

\*\*\*Afternoon sessions will be held in the Biology Annex