

WORKSHOP TITLE: Basic Techniques in Tissue Culture Systems
INSTRUCTOR: Dr. Amanda Ashley
Mr. John Cavaretta (co-instructor)
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DATE: June 13th – June 15th
LOCATION: Biology Annex Room 106

WORKSHOP DESCRIPTION:

This workshop will serve as an introduction to mammalian cell and tissue culture. A mix of both lecture and hands on lab work will provide students a solid understanding of the applications and techniques involved in cell culture.

- LEARNING OBJECTIVES:**
1. Sterile Technique
 2. Growth of adherent cells
 3. Cell Counting and passaging
 4. Fluorescent staining
 5. Basic microscopy
 6. Introduction to fluorescent microscopy

Prerequisites:

Students must have completed the Bio-Safety and Blood Bourne Pathogens training through the NMSU Environmental Health and Safety Office prior to attending the workshop.

ANTICIPATED SCHEDULE

Session	Tuesday	Wednesday	Thursday
Morning	Lecture	Cell Fixation	Lecture
Afternoon	Splitting Cells	Staining / Mounting	Microscopy