

# PHPS\_312

## Magnified Imaging II

### Assignment

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### Contrast producing techniques: Phase Contrast & Specimen Preparation

**Objective:** Using effective microscopy and proper capture methods and subjects, create publication ready photographs that include bar scales demonstrating good phase contrast microscopy. To complete this assignment, at least 4 different samples will need to be photographed at different magnifications to create a minimum representative series of images. Please feel free to work with the Zeiss inverted instrument as well.

### Sample Suggestions:

Cheek cells  
Live materials  
Surface replicas  
Human hairs and various other fibers

### Assignment:

Bar scales will be required and included embedded in the files.

**Submission:** As desired with bar scales