

SMS 416, 2018: 1st Project (due Friday Jan. 26th with your blog).
This assignment is *individual* but feel free to help each other.

Assemble your Foldscope (for video instructions see http://microcosmos.foldscope.com/?page_id=243).

Learn how to use the microscope light source, how to view samples with your phone, as well as how to prepare slides.

1. Using a smart phone (there will be an *extra* smartphone in the lab for those who may need one):
 - a. Take a picture of the two dead samples provided with your kit (Frog blood and Fern Rhizome).
 - b. Take a movie of a live sample (Diatom cell – we will provide, or another microbe). We will have some samples in class, but feel free to look for others, e.g. in a stream.
 - c. upload the pictures and movies in your weekly blog. If the blog cannot accept movies, send it to emmanuel.boss@maine.edu as an attachment.

Grading: late submissions result in loss of 1 full grade per week.

A: All is submitted.

B: No movie uploaded/sent, only still images uploaded.

C: No live sample, only the two picture of the dead samples provided with the kit.

D: Only one picture of a dead sample.

Extra credit: make a REALLY COOL movie with your foldscope of a biological sample something your classmate will go ‘Wow’ about), and upload it to the Foldscope community website (and send us all the movie or a link to it). Matching music background will be a +.