This is an opportunity for you to go deeper into any of the topics we have discussed in class. Read up on this subject in text books and peer-reviewed scientific publications. Make sure to read a recent review article to get an idea of the interesting things happening in this field is at right now. Also read one or two more specialized articles to get a little bit of depth in some topic.

You may do this alone or team up with a partner to cover more ground.

Each *person* will present a ten-minute lecture and then there will be discussion and questions.

Suggested topics are:

*Fluorescence*

*Digital Camera Technology*

*Super-resolution microscopy*

*Applied biomicroscopy, e.g. functional neuronal imaging*