**Cell Biology and Physiology Lab**

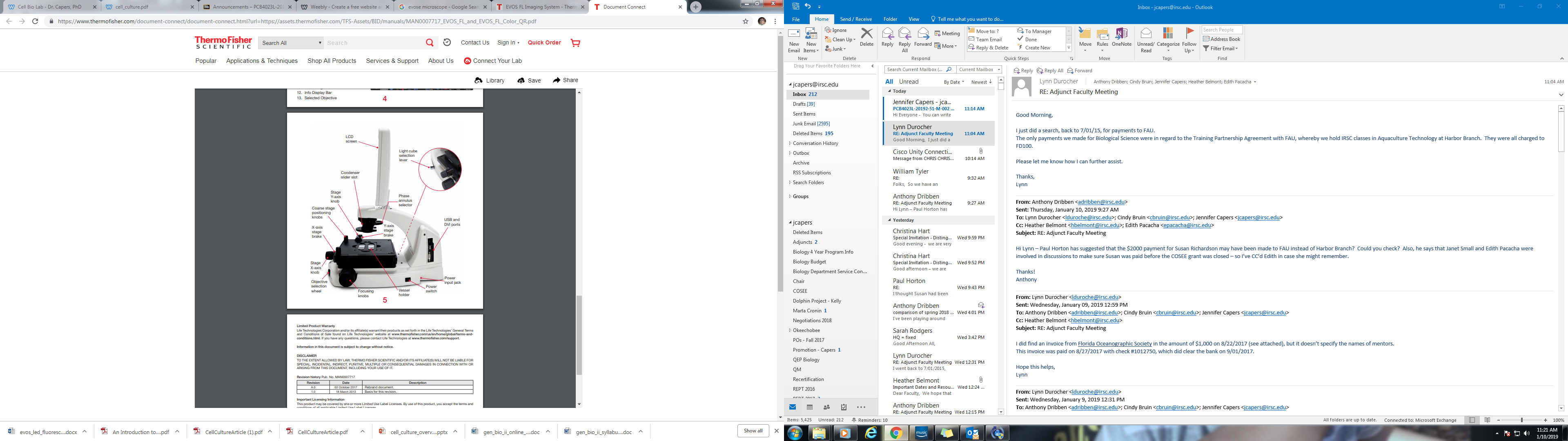
**Week 2 – The Microscope Name:**

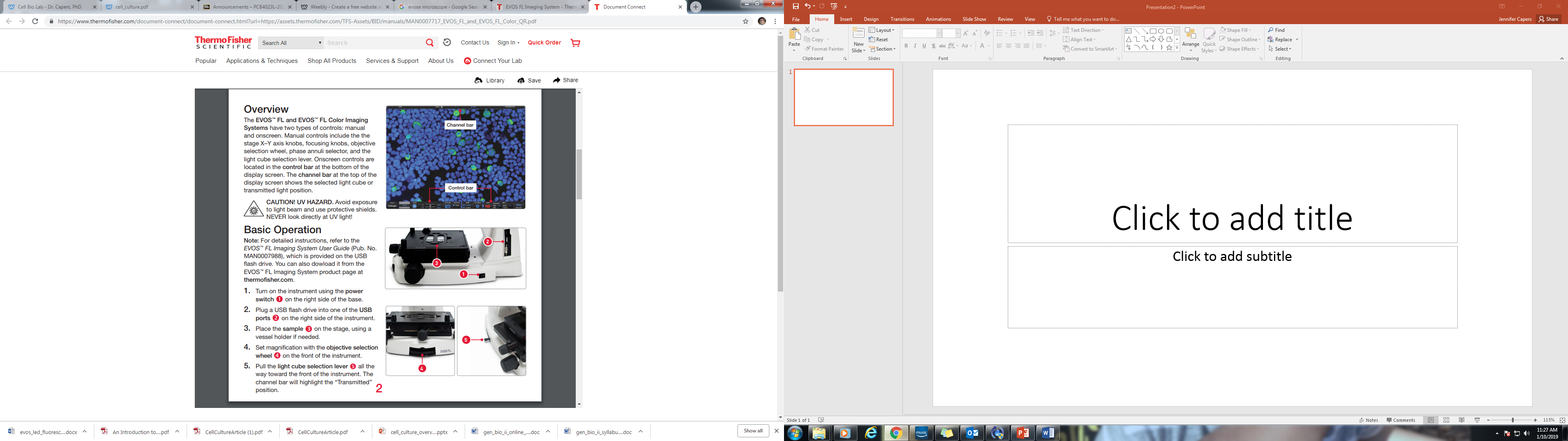
Why do we use an inverted microscope?

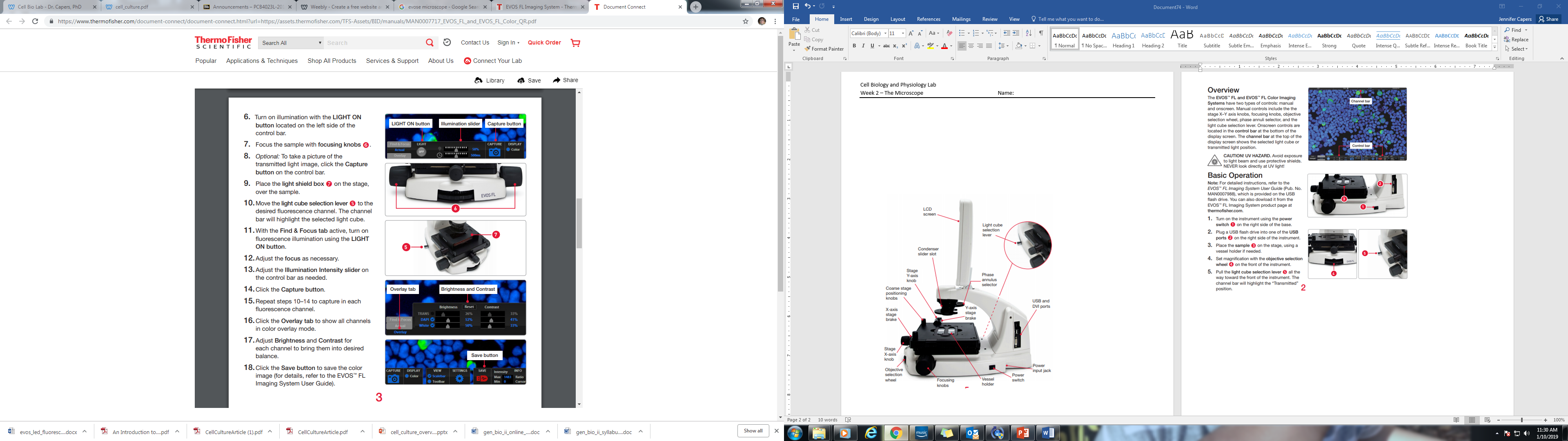
Inverted microscopes are constructed with the objectives pointing upwards. This makes it easier to view culture vessels (containing cell culture or aquatic specimens). A huge disadvantage is the cost (more expensive than upright microscopes).

The EVOS Microscope

* LED light cube technology – don’t need a darkroom when doing fluorescence microscopy
* LCD screen rather than binoculars, allows other people to look at the same image
* Can put in the hood if need be and still visualize your cells
* Can get high-quality images easily







**Questions**

1. Were you able to view specimens using the EVOS scope? \_\_\_\_\_\_\_
2. Were you able to save images? \_\_\_\_\_\_\_
3. Why do we use inverted scopes when doing cell culture?
4. What is magnification?
5. What is resolution?