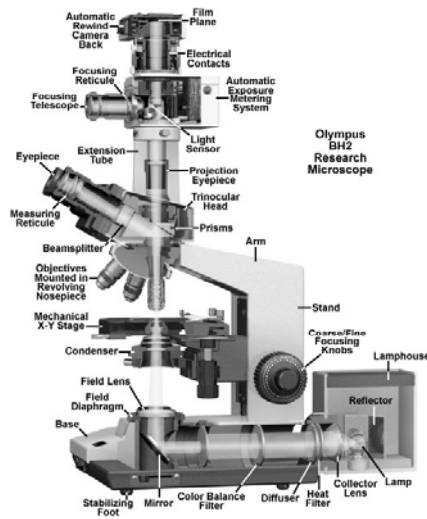
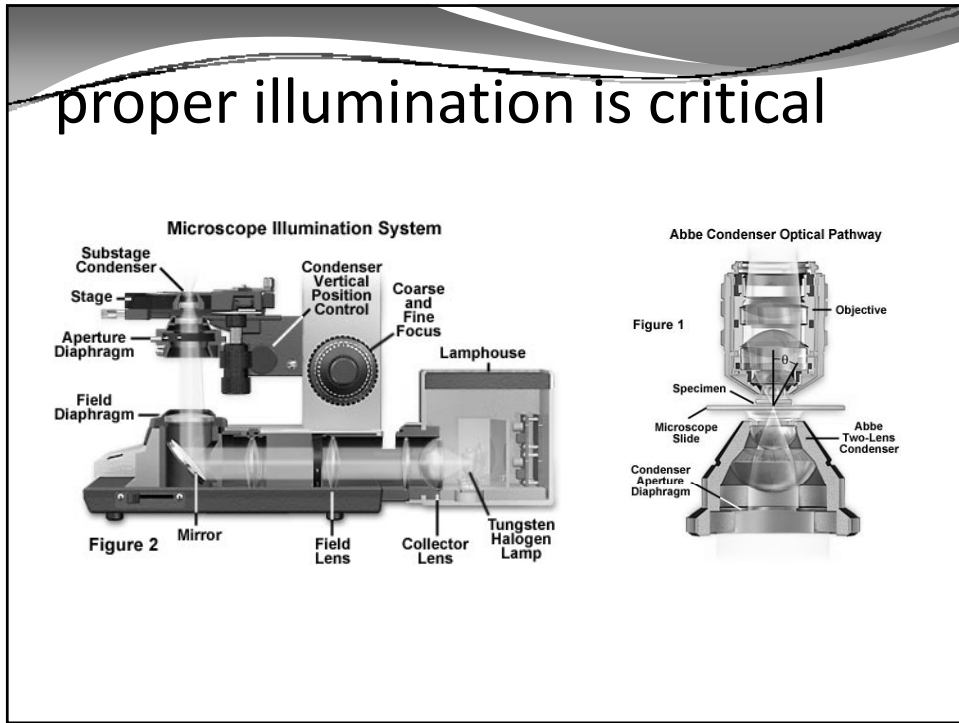


Microscopy Part 1: illumination

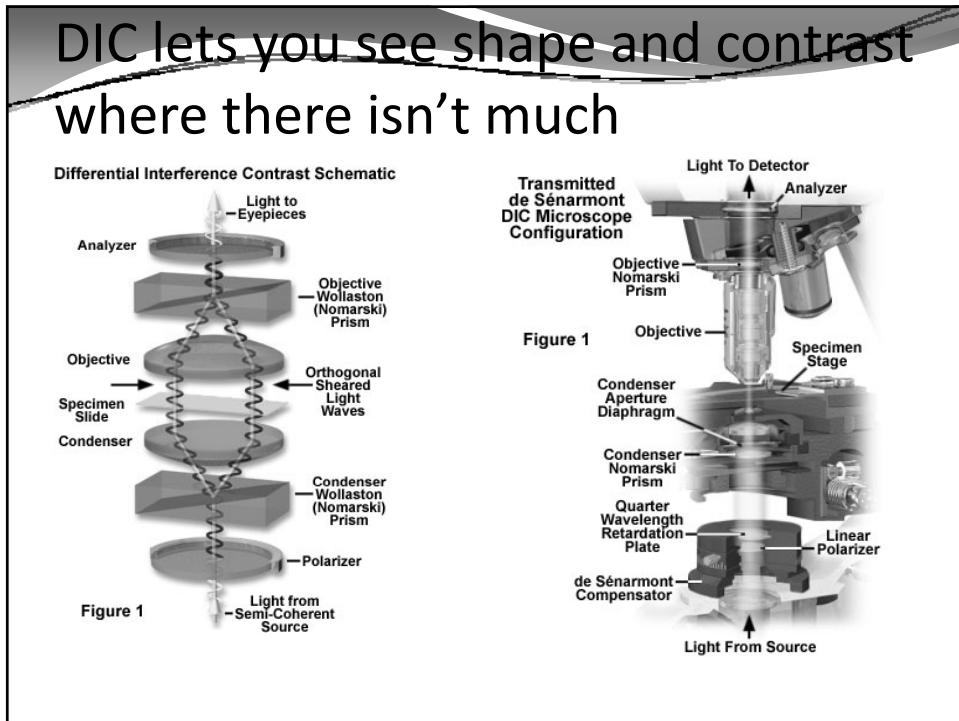
Anatomy of a microscope



proper illumination is critical



DIC lets you see shape and contrast where there isn't much



Adjusting the illumination

- Focus on your tissue under 10x
- Reduce the field diaphragm so you see a circle of light
- Adjust the condenser height to bring the edges of the field diaphragm into focus
- Expand the field diaphragm so that the edges are just outside your field of view
- Adjust the aperture diaphragm for best contrast
- You must do this again when you switch to 40x
- Demonstration [here](#)