

WELCOME TO EEMB116 INVERTEBRATE ZOOLOGY
Lab #1 Invertebrate Diversity

General Stuff:

- **Lab Etiquette** – leave the lab cleaner than when you arrived. Meaning, when you think you are done and ready to go, look around and make sure you washed your glassware (not just rinsed), put away your scopes, and wiped down the counter. Don't be the one to leave a slide in your scope or we will make an example of you (no joke).
- **Microscopy** – become an expert on how to use the dissecting and compound scopes to your advantage.
- **Notebooks** – not required, but highly recommended. Notebooks are indispensable as study aids and memoirs of interesting creatures found.
- **Preparation** – there are objectives for each lab listed in the beginning of each lab in your lab manual. Know what they are and understand how we're approaching them before coming to lab.
- **Buy the insect taxonomy book NOW** – How to Know the Insects, Bland 3rd Edition

This class can be a challenge, but the rewards will match your effort

To Do:

- Try to find as many representatives of the Annelids and Arthropods as possible. Identify them to the lowest classification level that you can.
- This is the only time you'll be able to find/observe invertebrates other than Annelids and Arthropods, so go for it! Find at least 10 different phyla. Take as many notes as you can about the animals, and go back and identify them afterwards. Utilize the reference books (up front) in your quest; I'll be here to help you along the way.

Possible usual suspects (other than Annelids and Arthropods): Porifera, Cnidaria, Platyhelminthes, Nematoda, Mollusca, Bryozoa, Echinodermata, Urochordata.

Responsible for:

- Observations of live animals found today
- Introductory pages (2-7) in your lab manual. Read them before coming to the next lab.

