

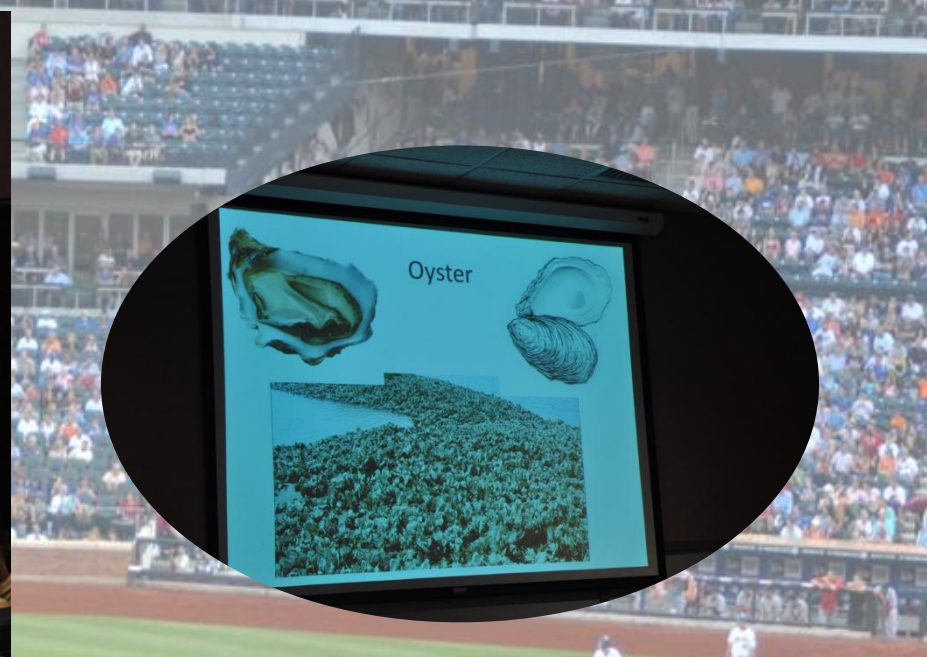
再興2011美東教育學習之旅

第十四天:7月19日回到實驗室上課→晚上到大都會棒球場術球賽

[第14天所有相片檔連結](#)

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After Learning Time --Dr. Aaren 先就昨日採集的結果和同學一起複習



李教官勤做筆記



Jellyfish : Life in the Water 食物鏈、河口生態區內的生物觀察





Flounder : Insects --spider





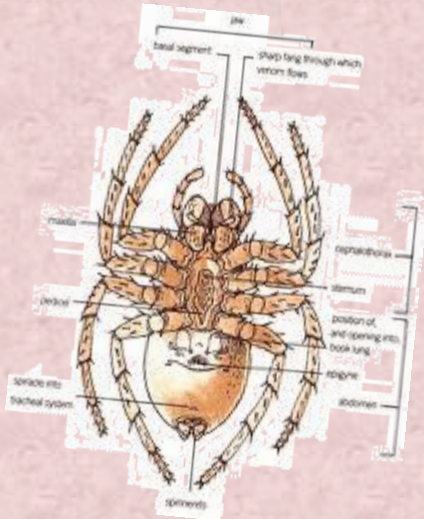
METS OPENING CEREMONY
• WAS AN ORIGINAL MET
THURSDAY AFTERNOON - 12:10 PM
NICKEL

學習筆記與心得

Today our teacher is Dr. Marchas.
He taught us ^{how} to ^{observe} insects and animals.
First, we looked at the spider. They are small.
The big one is about one centimeter long.
The small one is about zero point three centimeters long.
And we answered eight questions about spiders.
After spiders, we looked at bugs.
Teacher gave us ^{mosquito}.
Prince separated mosquito's head and body.
And pierced its eyes.
It was so grossing.

By Evan Wu

by Evan



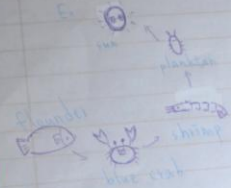
At the beginning of the class, we learned about the food web that we can find in estuary. Sun is the most important thing in the food web because the beginning of the food web must be sunlight to live, so sun is the most important. Everyone got a card, it might be plants or animals or shrimp or something else. We were trying to connect every creature. At last, the blue crab was a very important character in this food web. In the period, we just played with the line. And it was very fun, the activity was very interesting.
Then we had two jars of water, they are both fresh water, then we got the red ocean water. First, we used the No. 3 jar, we poured some ocean water into the fresh water, and at last, the red water was at the bottom of the jar and the fresh water was on the top. It told us that the salt consistency is higher, and it will go to the bottom of jar.
good job!

By Paige Liao

Today, Dr. Lee let us play the part of many animals and some plants. Then he connected us to a food chain with the string. It helps us understand the relationship of animals and the environment. For example, like if one of the creatures will face the difficulty. After that, Dr. did a experiment of density. When fresh water meets ocean water, fresh water will on the top and ocean water will at the bottom, because ocean water is saltier than fresh water. It was very interesting. Finally, we observed the microbe in the water. We even saw the baby horseshoe crab! We learned a lot from this lesson.

good job!
By Cindy Lu

Food Web & Estuary



* If one animal in the food web is gone, the food web will be broken.

The Different between Ocean water and Fresh water



1. If the salt consistency is higher and the water will go to the bottom of the jar.
2. If the salt consistency is lower, the water will go to the top of the jar.
3. The hot water is lighter than the cold water.
4. The salt water is heavier than the fresh water.

Nice work!

Clam & Crab ; Estuary Microbes



Lab Experiment #1

Objectives:

- Prepare wet mount slides
- Microscopic observation of common freshwater and saltwater protozoa

Lab Experiment #2

Objectives:

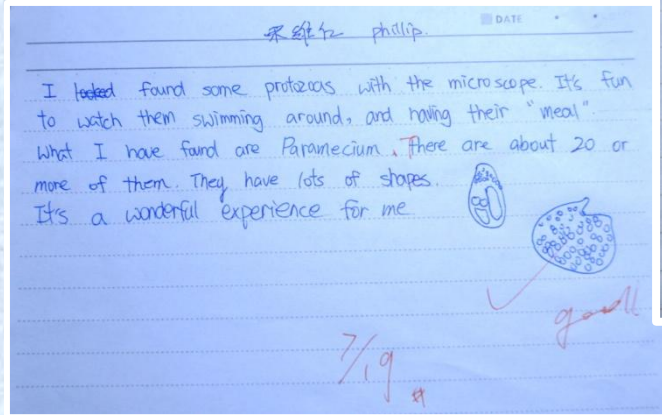
- Use of fluorescence microscopy for the observation of marine bacteria and viruses
- Use of indicator media to screen for the presence of bacterial pollution in estuary waters.





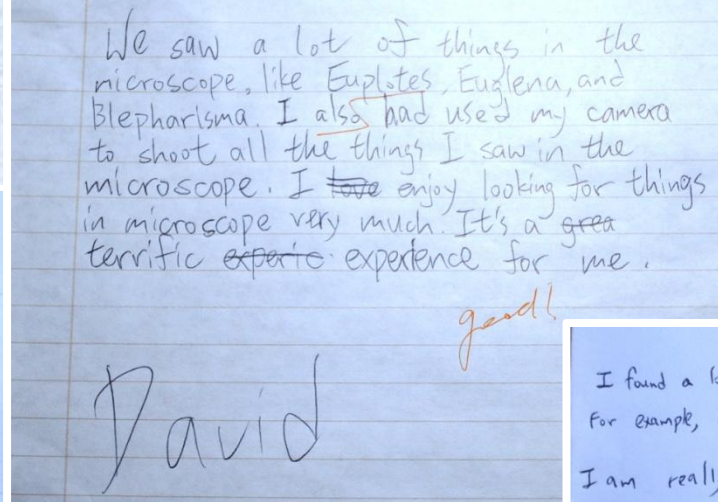


學習筆記與心得

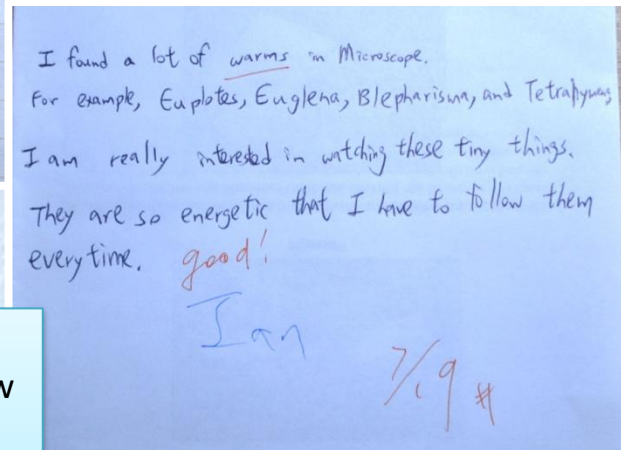


Today we learned a lot about Protozoa. We used microscope to see the alive Protozoa and died Protozoa. I think the thing I saw was really yucky, Although we have already studied it before, but this time I saw more Protozoa then I saw before. (By Stephanie Kao)

We saw a lot of Euglena it can swim quickly although sometimes it can be change itself body, sometimes circle, sometimes straight. We always think Euglena is green but I know we are wrong today. It is black and white, because that is convenient for us to discovered. (By Joe Liao)



The Dr. Jonna class which we learn microscope today, we saw a lot of very little thing about vibrio, though it have died. Second we saw it is still alive. They are interesting and I feel that we return to junior high life! (By Jay Lin)



When I saw the small beings, my heart broke very quickly. I was very excited to see the living creatures! I No matter it is bacteria or anything else, it was my first time to observe. I can see it swimming, eating, moving- everything under the lens made me happy and felt touched. I loved Dr. Jonna's class, and thinks to Eilliut and Dainelle, without their help, maybe I would make a mess! Today is a beautiful sunny day! (I can fully accept all the concepts ! (By Wendy Kao)



11:45 各實驗課程結束後,回到Bloggett Hall 109教室, Dr. Joanna 為大家說明明天 AMNH 戶外教學流程及注意事項



Things to Remember!

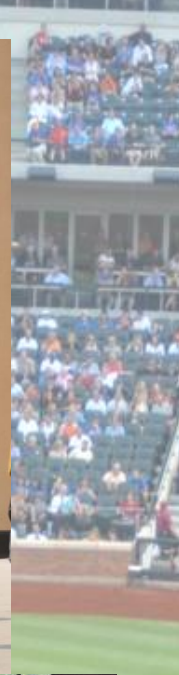
- The museum is very large!
- Always stay with your TAs and chaperones (if you are separated from your group, it will be very difficult to find you again)
- Listen to TAs and chaperones when they tell you to leave an area (we will be on a tight time schedule).
- We will leave the museum at 3 pm to return to Adelphi
- Enjoy the exhibits and have fun!

PM2:00-3:00 戶外運動時間：排球、網球、足球、籃球；還有部份同學積極準備星期五將到來的成果發表會！



PM4:00 整裝出發，體驗美國職棒現場氣氛囉！大家在現場跟著啦啦隊的喊叫，比賽到十點多終了時，大家還處在high 的氛圍中，一路上討論在現場的呼口號，對比賽的狀況似乎未如看臺上的熱鬧喔！當然也有不少同學買了紀念品！這個晚上，每個人回到宿舍都很快入眠了！







換場時的贈品時間,中學同學拿到2件Mets衣服,其中Jack(右圖)還是當日壽星喔



當Mets7局
下進攻時，
球打到右外
野方向時，
在電視牆的
右上方拍到
我們喔

