UNIV 4000- Directed Research Course

Your goals: 1. To earn credit hours
   2. To publish Research Articles in Internationally reputed peer-reviewed Journal.

You will be doing Research for YOUR benefit, Not for me. I am NOT looking for your kindness

This is your lab, take care of it.
DOs

- Submit your Research Schedule.
- Maintain research hours (19 hrs./week on average)
- Collect a Notebook from me.
- Maintain your Research Notebook properly. Write EVERYTHING that you are doing in Lab.
- Study for your class/test, if you have available time between two subsequent research activities.
- Watch videos (made by Alondra and Others) to learn some techniques. If you have question, I’m here to help you.
- Submit your (i) Research Notebook (ii) Compounds and (iii) Spectra folder to my hand; before you leave the Lab (ESCNE 3.492) permanently.
DOs (continued)

- Be organized.
- Please be Courteous to others.
- Please be Respectful to others’ Research.
- Refrain from talking Loudly/Continuously.
- Refrain yourself from using Slangs.
- Help to protect the “academic freedom” of other students.
Don’ts

• Hesitate to ask any help.

• Do Prolonged Non-Academic conversation over Telephone.

• Use phone while you are: (1) Cleaning glassware (2) Working with rotavapor and (iii) Running flash Column (Air).

• Leave your workstation DIRTY

• Leave your used (dirty) glassware

• Leave your food/drink/water bottle in Lab

Do NOT watch Movie/Novelas de televisa
Please Remember

Lab is **NOT** a place for Dating/Meeting/Chatting

Please come to Lab **ONLY** if you have plan for serious research

You are **NOT** allowed to start your day (research) at **8:00 pm or later**

**NO EXCEPTION**
Regarding Projects

You are eligible for Chemistry Problem Presentation if:

1. You can optimize a new reaction method and successfully complete at least THREE reactions (Medicinal Green Chemistry)

   OR

2. On successful completion of at least ONE plant Extract like DEE or EtOH or Water (Natural Product Chemistry).

For both the above cases, depending on results of your Column, subsequent small column(s) [rechromatography] might be needed.

No guarantee can be given.
The bottom line is that “We need PURE compounds”.
Regarding Publications

Please note that:
1. We only Publish in internationally reputed peer-viewed Journals
2. You must complete your PROJECT to have your Publication

Completion of PROJECT means:
B. Complete chemical investigation of a Plant part that includes DEE, EtOH and Water extracts [Natural Product Chemistry]

After successful completion of a project, we send the compounds for biological evaluation and then submit to suitable Journal for publication.
Thank you
Questions???????