



## Memorandum

**DATE:** 1/4/2016  
**TO:** Arpad, Audrey, Eugene, Joao, KangHsin, Lilian, Logan, Michael, Philip, Shuo, Weifeng, Victoria, Yang  
**FROM:** Gang-yu, 4-9678  
**SUBJECT:** Group meeting, Fridays at 9:00 – 11:30 am, Chem. 172, unless ad hoc changes due to dept.

|  |   |  |
|--|---|--|
| 1/1  | New Year Resolutions for Criu members.  |  |
| 1/4  | Quarterly report due  |  |
| 1/8  | Weifeng   | Research update  |
|  | Arpad   | Research update  |
| 1/15 9-10am  | Audrey  | Research update  |
|  | 11:15-1pm   | Logan Research update                                      |
|  | PacifiChem mtg report: Yang, Eugene, Lilian, Vicky                                    |  |
| 1/22   | No meeting (moved to 1/25)  |  |
| 1/25 8-10am  | Joao  | Research update (see later date)                           |
|  | Lilian  | Research update  |
|  | PacifiChem mtg report: Logan, Audrey, and GYL   |  |
| 1/29   | No grp mtg, make up grp mtg see 1/15  |  |
| 2/5  | Eugene  | Research update  |
|  | Victoria  | Research update  |
| 2/12   | Shuo  | 3 <sup>rd</sup> year seminar practice                      |
|  | Joao  | 3 <sup>rd</sup> year seminar practice + PacifiChem mtg rpt |
| 2/19   | Kanghsin  | Research update  |
|  | Yang  | interaction between nanostructures and dendritic cells     |
| 2/26   | Philip  | 1 <sup>st</sup> research report                            |
|  | Logan   | Research update  |
| 3/4  | Michael   | 1 <sup>st</sup> research report                            |
|  | Arpad   | Research update  |
| 3/10   | Joao's 3 <sup>rd</sup> year seminar, all Criu members are welcome to join and support |  |
| 3/11   | Audrey  | Research update, cantilever for criu members               |
|  | Weifeng   | Research update  |
| 3/18   | Victoria  | Research update  |
|  | Yang  | Research update  |
| 3/25   | Lilian  | Research update  |
|  | Eugene  | QE practice  |
|  | Quarter ends  |  |
| 4/1  | Shuo  | Research update  |
|  | Joao  | Research update  |
| Quarterly report due (not kidding, with the exception of Mike and Phil, each member shall turn in a written report.) |   |  |
| 4/8  | Arpad   | Research update  |
|  | Weifeng   | Research update  |

**Equipment****People who are responsible****Overall Duty:**

|                                 |  |
|---------------------------------|--|
| <b>Lab Safety</b>               | <b>Joao / Eugene / Victoria</b>                            |
| <b>Chemicals</b>                | <b>Eugene / Audrey</b>                                     |
| <b>Biochemicals</b>             | <b>Eugene / Victoria (party of safety)</b>                 |
| <b>PPE duties</b>               | <b>Joao / Victoria (part of safety)</b>                    |
| <b>Laser duties</b>             | <b>Logan / Audrey</b>                                      |
| <b>Electronic parts</b>         | <b>Eugene / Lilian</b>                                     |
| <b>Mechanic parts and shops</b> | <b>Audrey / Logan</b>                                      |
| <b>IT and communication</b>     | <b>Logan / Eugene / Joao</b>                               |
| <b>AFM tips</b>                 | <b>Audrey / Yang</b>                                       |
| <b>SIF assist</b>               | <b>Joao / Yang</b>   |
| <b>Lab clean-up/facility</b>    | <b>Eugene / Victoria</b>                                   |
| <b>Group party coordinator</b>  | <b>Joao / Logan</b>  |
| <b>Group meeting record</b>     | <b>by speaker's request, or Audrey/Victoria by default</b> |
| <b>Group CRN #s</b>             | <b>Victoria / Michael</b>                                  |
| <b>Poster coordinator</b>       | <b>Audrey / Logan / Michael</b>                            |

**Lab 31:**

|                                  |                                  |
|----------------------------------|----------------------------------|
| <b>Bio-AFM</b>                   | <b>Lilian / Shuo</b>             |
| <b>CHM-AFM</b>                   | <b>Shuo / Lilian</b>             |
| <b>Pico-SPM</b>                  | <b>Weifeng / Lilian</b>          |
| <b>NLP 200</b>                   | <b>Yang / Shuo / Lilian</b>      |
| <b>Microfluidic AFM</b>          | <b>Joao / Eugene / Philip</b>    |
| <b>Chem and BioAFM parts</b>     | <b>Lilian / Shuo</b>             |
| <b>Contact Angle instruments</b> | <b>Eugene / Weifeng / Philip</b> |

**Lab 17:**

|                                |                                  |
|--------------------------------|----------------------------------|
| <b>Liu lab NSOM/AFM</b>        | <b>Arpad / Eugene / Victoria</b> |
| <b>Asylum AFMs</b>             | <b>Yang / Audrey / Logan</b>     |
| <b>Fluorescence Microscope</b> | <b>Victoria / Eugene</b>         |
| <b>EG&amp;G</b>                | <b>Joao / Lilian</b>             |

**Lab 25:**

|                            |                       |
|----------------------------|-----------------------|
| <b>Evaporator</b>          | <b>Joao / Weifeng</b> |
| <b>MilliQ water supply</b> | <b>Lilian / Shuo</b>  |

**Annex 0480:**

|                          |                                 |
|--------------------------|---------------------------------|
| <b>STM(UHV)</b>          | <b>Jianli / Weifeng / Logan</b> |
| <b>STM(ambient)</b>      | <b>Jianli / Weifeng</b>         |
| <b>UHV and STM parts</b> | <b>Jianli / Weifeng</b>         |

***Others***

***Yang / Joao (Lilian and Audrey, be ready ☺)***



## *Literatures and readings*

|          |                                 |
|----------|---------------------------------|
| Arpad    | Your own topic, Nature          |
| Audrey   | Your own topic, ACS Nano        |
| Eugene   | Your own topic, Ultramicroscopy |
| Lilian   | Your own topic, Nano Letters    |
| Jianli   | Your own topic, Nanotechnology  |
| Joao     | Your own topic, Small           |
| Kanghsin | Your own topic, J. Immunology   |
| Logan    | Your own topic, Biophysical J.  |
| Michael  | Your own topic, J. Phys. Chem.  |
| Philip   | Your own topic, nano3D research |
| Shuo     | Your own topic, Langmuir        |
| Weifeng  | Your own topic, Nano Letters    |
| Victoria | Your own topic, Biochem.        |
| Yang     | Your own topic, PNAS            |



**Weekly meeting schedule with Gang-yu. Pls note that you are welcome to come and knock on her door when you need discussion regardless of schedule below!**

|           |         |  |
|-----------|---------|--|
| Monday    | 11:00am | Weifeng and Lilian                                 |
|           | 1:00pm  | Arpad  |
|           | 2:00pm  | Audrey   |
|           | 3-4pm   | 110b office hr (walk in and see me if you need to) |
|           | 4:00    | Eugene   |
| Wednesday | 9:00am  | Philip   |
|           | 11:00am | Victoria   |
|           | 2:00    | Shuo   |
|           | 4:00pm  | SIF  |
|           | 5pm     | Michael  |
| Thursday  | 4:00pm  | Joao   |
|           | 5pm     | Lilian   |
| Friday    | 1:00pm  | meeting with 110B TAs                              |
|           | 3:00pm  | Kanghsin and Yang                                  |
|           | 4:00pm  | Logan  |
|           | 5:00pm  | Cytoteam   |