



DEPARTMENT OF CHEMISTRY

DAVIS, CALIFORNIA 95616

## Memorandum

**DATE:** 9/10  
**TO:** Christopher, Chris Z, Donglei, Latevi, Lifang, Ming, Naining, Shawn, T.J., Weifeng, Ying  
**FROM:** Gang-yu, 4-9678  
**SUBJECT:** Group meeting, Fridays at 9:30am – 12noon, Chem. 172, unless ad hoc changes are necessary.

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|              |  |  |
|--------------|--|--|
| 1/1          | No group meeting, New Year Break   |  |
| 1/3          | quarter begins, Quarterly report due   |  |
| 1/7          | Ying   | STEM cells on engineered surfaces        |
|              | Ming   | Coating of RENs                          |
| 1/14, 8:15am | Latevi   | STEM cells on engineered surfaces        |
|              | TJ   | Research update                          |
| 1/21         | Hawaii meeting report, Gang-yu, Donglei, Weifeng, Naining, Shawn and Ying (15 min each, at least one unpublished, good and pertaining work heard or saw during the conference) |  |
| 1/28         | JieRen   | Nanostructure directed cellular behavior |
|              | Weifeng  | Nanostructure and Morie effect           |
| 2/4          | No group meeting, GY out of town. Make up group meeting TBA  |  |
| 2/11         | Lifang   | Research update                          |
|              | Donglei  | Research update                          |
| 2/18         | Chris  | Research update                          |
|              | Shawn  | Research update                          |
| 2/25         | Ming   | Coating of RENs                          |
|              | Ying   | Research update                          |
| 3/4          | TJ   | Research update                          |
|              | Naining  | Research update                          |
| 3/11         | JieRen   | Research update                          |
|              | Donglei  | Research update                          |
| 3/18         | Practice ACS   |  |
| 3/25         | Chris  | Thesis report                            |
|              | Weifeng  | Research update                          |
| 4/1          | Ming   | Research update                          |
|              | Shawn  | Research update                          |
| 4/4          | Quarterly Report Due   |  |
| 4/8          | TJ   | Research update                          |
|              | Latevi   | Research update                          |

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New quarter, group meeting schedule TBA



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| <b>Equipment</b>                 | <b>People who are responsible</b>             |
|----------------------------------|---|
| <b>Bio-AFM</b>                   | <b>Ming / Donglei</b>                         |
| <b>CHM-AFM</b>                   | <b>Donglei / Ming</b>                         |
| <b>Pico-SPM</b>                  | <b>Naining / TJ</b>                           |
| <b>NSOM/AFM</b>                  | <b>TJ / Weifeng /Ying</b>                     |
| <b>SIF instrument</b>            | <b>Jerry</b>                                  |
| <b>Dept and Patten labs</b>      | <b>Ming</b>                                   |
| <b>STM(UHV)</b>                  | <b>Shawn / TJ</b>                             |
| <b>STM(ambient)</b>              | <b>Shawn / TJ</b>                             |
| <b>Asylum AFM (room 17)</b>      | <b>Weifeng / Ying</b>                         |
| <b>Contact Angle</b>             | <b>Lifang</b>                                 |
| <b>Fluorescence Microscope</b>   | <b>TJ / Ying</b>                              |
| <b>AFM parts</b>                 | <b>Donglei / Ming</b>                         |
| <b>AFM tips</b>                  | <b>Donglei / Ying</b>                         |
| <b>EG&amp;G</b>                  | <b>Naining / TJ</b>                           |
| <b>Electronic parts</b>          | <b>TJ / Lifang</b>                            |
| <b>Machine shop coordination</b> | <b>Shawn / Naining</b>                        |
| <b>Computers/printer etc</b>     | <b>Shawn / TJ</b>                             |
| <b>UHV and STM parts</b>         | <b>TJ / Shawn</b>                             |
| <b>Evaporator</b>                | <b>Naining</b>                                |
| <b>Chemicals</b>                 | <b>Lifang/Weifeng</b>                         |
| <b>Biochemicals</b>              | <b>Jerry / Ying</b>                           |
| <b>Lab Safety</b>                | <b>Shawn / Ying</b>                           |
| <b>Bioequip. + Glassware</b>     | <b>Lifang / Weifeng</b>                       |
| <b>MilliQ water supply</b>       | <b>Ying / Lifang</b>                          |
| <b>Tools</b>                     | <b>Shawn / Donglei / Jerry</b>                |
| <b>Lab clean-up/facility</b>     | <b>TJ/Weifeng</b>                             |
| <b>Group party coordinator</b>   | <b>JieRen/Ying</b>                            |
| <b>Group meeting record</b>      | <b>by speaker's request, overall, Weifeng</b> |
| <b>Poster coordinator</b>        | <b>Shawn / Lifang</b>                         |
| <b>Company catalog</b>           | <b>Ying ☺</b>                                 |
| <b>H2O bottle exchange (341)</b> | <b>Chris Z.</b>                               |
| <b>Others</b>                    | <b>Weifeng / Lifang</b>                       |



*Literatures and readings*

**Pls note to allocate 10 min for instrument usage topic at group meeting!**

Chris Ultramicroscopy, Cells, Biophysical Journal, Nature

Donglei JACS, Langmuir, ACS Nano

Jerry JACS, Nature, Nature biomaterials, PNAS

Lifang Nano Letters, ACS Nano, *Cells*

Naining Small, Nano Letters, Biochemistry

Shawn Science, JPC, Langmuir

TJ Nano Letters, ACS Nano, Adv. Materials

Weifeng ACS Nano, Adv. Materials, Science

Ying cells, ultramicroscopy, Biophysical Journal



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**Biweekly** meeting schedule with Gang-yu. Pls note that you are welcome to come and knock on her door when you need her especially in case of your urgent needs! If she is not in her office, pls talk with Susan and she will track her down for you!

**Effective 1/3/11**

|                  |               |   |
|------------------|---------------|---|
| <i>Monday,</i>   | <i>3:00pm</i> | <i>Lifang (even)</i><br><i>TJ (odd)</i>           |
|                  | <i>4:00pm</i> | <i>Chris (even)</i><br><i>Ying (odd)</i>          |
|                  | <i>5:00pm</i> | <i>Ming (even)</i><br><i>Donglei (odd)</i>        |
| <i>Wednesday</i> | <i>2:00pm</i> | <i>Jerry (even weeks)</i><br><i>Weifeng (odd)</i> |
|                  | <i>4:00pm</i> | <i>SIF</i>  |
|                  | <i>5:00pm</i> | <i>Naining (even)</i><br><i>Chris Z. (odd)</i>    |
| <i>Friday</i>    | <i>4:00pm</i> | <i>STM (even)</i>                                 |
|                  |               | <i>STM (odd)</i>                                  |

*By individual appointment as per needs, Latevi*