

DEPARTMENT OF CHEMISTRY

DAVIS, CALIFORNIA 95616

# Memorandum

**DATE:** 3/27/11

TO: Chris, 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.

| 3/25      | Chris  | Thesis report                            |
|-----------|--|--|
|           | Weifeng                                      | Research update                          |
| 4/1       | Ming   | Research update                          |
|           | Shawn  | Research update                          |
| 4/4       | Quarterly Repo                               |  |
| 4/8       | TJ   | Research update                          |
|           | Latevi                                       | Research update                          |
| 4/15      | Naining                                      | Research update                          |
|           | Lifang                                       | Research update                          |
| 4/22      | JieRen                                       | Nanostructure directed cellular behavior |
|           | Donglei                                      | AFM study of ternary SAMs                |
| 4/29      | Ying   | Research update                          |
|           | Chris  | Research update                          |
| 5/6       | 10+10 worksho                                | op as substitute for group meeting       |
| 5/13      | Shawn  | STM spectroscopy of NPs                  |
|           | Ming   | Research update                          |
| 5/20      | GY is out of town, make up group meeting TBA |  |
|           | -  | TJ and Weifeng, Research update          |
| 5/27      | Lifang                                       | Research update                          |
|           | Naining                                      | Research update                          |
| 6/3       | JieRen                                       | Research update                          |
|           | Ying   | Research update                          |
| 6/10      | GY is out of town, make up group meeting TBA |  |
|           |  | Ming and Donglei, Research update        |
| 6/17      | Chris  | Research update                          |
|           | JieRen                                       | Research update                          |
| 6/24      | Latevi                                       | Research update                          |
|           | Shawn  | Research update                          |
| 7/1       | Naining                                      | Nanografting of Gradient SAMs            |
|           | Ying   | Research update                          |
|           | Quarterly Repo                               |  |
| New quart | ter, group meeting so                        | chedule TBA                              |



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| Equipment | People who are responsible |
|-----------|----------------------------|
|-----------|----------------------------|

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Bio-AFM Ming / Donglei CHM-AFM Donglei / Ming Pico-SPM Naining / TJ

NSOM/AFM TJ / Weifeng /Ying

SIF instrument Jerry
Dept and Patten labs Ming
STM(UHV) Shawn / TJ
STM(ambient) Shawn / TJ
Asylum AFM (room 17) Weifeng / Ying

Contact Angle Lifang Fluorescence Microscope TJ / Ying

AFM parts
Donglei / Ming
AFM tips
Donglei / Ying
EG&G
Naining / TJ
Electronic parts
TJ / Lifang
Machine shop coordination
Computers/printer etc
UHV and STM parts
TJ / Shawn

**Evaporator** Naining

Chemicals
Biochemicals
Lifang/Weifeng
Jerry / Ying
Lab Safety
Shawn / Ying
Bioequip. + Glassware
MilliQ water supply
Lifang / Weifeng
Ying / Lifang

Tools Shawn / Donglei / Jerry

Lab clean-up/facility TJ/Weifeng Group party coordinator JieRen/Ying

Group meeting record by speaker's request, overall, Weifeng

Poster coordinator Shawn / Lifang

Company catalog Ying ☺ H2O bottle exchange (341) Chris Z.

Others Weifeng / Lifang



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### 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

| Monday,   | 3:00pm  | Lifang (even)      |
|-----------|---------|--------------------|
|           |         | TJ(odd)            |
|           | 4:00pm  | Ming(even)         |
|           |         | Ying (odd)         |
|           | 5:00pm  | Chris (even)       |
|           |         | Donglei (odd)      |
| Wednesday | 2:00pm  | Jerry (even weeks) |
| -         | _       | Weifeng (odd)      |
|           | 4:00pm  | SIF                |
|           | 5:00pm  | Naining (even)     |
| Thursday  | 11:00am | Chris (odd)        |
| Friday    | 4:00pm  | STM (even)         |
|           |         | STM (odd)          |
|           |         |                    |

By individual appointment as per needs, Latevi