



DEPARTMENT OF CHEMISTRY

DAVIS, CALIFORNIA 95616

Memorandum

DATE: 1/1/13
TO: Arpad, Fei, Guohua, JieRen, Joao, Juri, Latevi, Logan, Ming, Naining, Shawn, Shailise, Shuo, Weifeng, Yang, Ying
FROM: Gang-yu, 4-9678
SUBJECT: Group meeting, Fridays at 9:00 – 11:30 am, Chem. 172, unless ad hoc changes are necessary.

1/4	Guohua	SOP AFM cellular incubator and Research update Lab clean up coordinated by Shailise and Shawn
		Quarterly report Due at 5pm, 1 st year students do not need to turn in rpt this time.
1/11	Naining Fei	SOP SAM imaging and Research update Research update (not to worry about instrument)
1/17	4:30-6:30pm Shailise JieRen	SOP Sample Prep for SEM imaging, and outline of thesis SOP NPL and Nanostructures of ligands and DC maturation status
1/18	Naining, Shawn and Gang-yu will go to LBNL for a joint meeting at 9am.	
1/25	Keck Meeting Arpad Ying	Report of prior research (not to worry about instrument) Research update (not to worry about instrument)
2/1	Weifeng Shawn	SOP of evaporator and Research update SOP of STM tip etching and Research update
2/8	Latevi Logan	Thesis final report (not to worry about instrument) SOP of NSOM and research update
2/15	Ming Yang	Contact Angle Instrument SOP and research update SOP NPL (finalized with JR) and research update
2/22	Guohua Joao	Patent search and research update SOP of epi-fluorescence microscopy and research update
3/1	JieRen Arpad	Confocal microscopy SOP and research update SOP AFM force measurements and research update
3/8	Kanghsin Shuo	SOP cellular culture and research update SOP of glassware cleaning and research update
3/15	Juri Shailise	SOP of AFM based shaving and nanografting as research update SOP SEM imaging of cells and research update
3/22	No group meeting - make up group meeting by Shawn and Naining TBA	
3/29	Cesar Chavez Holiday, no group meeting	
4/2		Quarterly report Due at 5pm, 1 st year students do not need to turn in rpt this time.
		Lab clean up coordinated by Shailise and Shuo
4/5	To attend 10+10 workshop as our grp meeting	
4/12	Keck Meeting Ying Guohua	Research update (not to worry about instrument) Research update (not to worry about instrument)
4/19	JieRen Logan	SOP of combined AFM/confocal imaging and research update NSOM SOP and research update
4/26	Yang Fei	SOP of centrifugation and research update Research update (not to worry about instrument)



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Equipment	People who are responsible
Bio-AFM	Shawn / Guohua / Shuo
CHM-AFM	Shawn / Guohua / Shuo
Pico-SPM	Naining / Guohua / Shuo
NSOM/AFM	Logan/Ying/Arpad
SIF instrument	Logan Patten
labs	Ming / Fei
STM(UHV)	Shawn / Guohua
STM(ambient)	Shawn / Guohua
Asylum AFM (room 17)	Naining / Yang / Arpad
Contact Angle instruments	Shailise / Joao / Ming
Fluorescence Microscope	Logan / Joao / Fei
Chem and BioAFM parts	JieRen / Yang / Shailise
AFM tips	Logan / Ying / Yang
EG&G	Guohua / Naining
Electronic parts	Guohua / JieRen
Machine shop coordination	Guohua / Shawn
Computers/printer etc	Logan / Joao
UHV and STM parts	Shawn / Guohua
Evaporator	Naining / Yang / Logan
Chemicals	Logan / Juri
Biochemicals	Shailise / Ying
Lab Safety	Logan / Shailise / Ming
Bioequip. + Glassware	Ying / Logan / JieRen
MilliQ water supply	Shailise / Shuo / Ying
Tools	Guohua / Logan / Shawn
Lab clean-up/facility	Shailise / Juri
Group party coordinator	Ying / Joao
Group meeting record	by speaker's request, or Logan / Juri by default
Group CRN #s	Shailise and Shuo
Poster coordinator	Logan / Joao / Shailise
Company catalog	Shuo / Ying
Others	Logan / Shailise



Literatures and readings

Fei	Scientific Instrument, Ultramicroscopy, Cells, Biophysical Journal, Nature
Guohua	Phy. Rev. Letter, Nature, NanoLetters, ACS Nano
Arpad	Scientific Instrument, Ultramicroscopy, Cells, Biophysical Journal, Nature
JieRen	JACS, Nature, Nature biomaterials, PNAS
Logan	Nano Letters, ACS Nano, and Phys. Rev. Lett.
Ming	Nano Letters, ACS Nano, J. Am. Chem. Soc., Chem. Materials
Naining	Small, Nano Letters, Biochemistry
Shailise	Nature, Cells, Biochemistry, Ultramicroscopy
Shawn	Science, JPC, Langmuir
Weifeng	ACS Nano, Adv. Materials, Science
Ying	cells, ultramicroscopy, Biophysical Journal
Joao	Nano Letters, ACS Nano, JPC
Juri	Langmuir, ACS Nano and JPC
Yang	Nano letters, ACS Nano, JACS and Ultramicroscopy
Shuo	Biochemistry, Cells, and Biophysical J.



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

Effective 1/3/13, New Year, New Start, so the 1st week is ODD.

Monday	5:00pm	Ying (odd and even) Arpad (even and odd)
	6:00pm	Ming and Fei (even and odd)
Tuesday	10:00am	Kang (even) Weifeng (odd)
	11:00am	JieRen (even and odd) Yang (even and odd)
	2:00 pm	Naining (even and odd) Juri (odd and even)
Wednesday	3:00pm	Shailise (even) Logan (odd)
	4:00pm	SIF (even and odd)
Friday	4:00pm	Shawn (even and odd) Shuo (even and odd)
	5:00pm	Guohua (even and odd) Joao (even)

By individual appointment as per need, Latevi