

NEU260/CHEM 260 FALL QUARTER 2014
WORKSHOP IN LIGHT AND ELECTRON MICROSCOPY
Tuesday/Thursday 1:00 pm - 3:30 pm, 1000 BSB

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Recommended readings will be per individual instructors. Reading materials on electron microscopy can be found at <http://cryoem.ucsd.edu/courses.shtm>. Some materials may be posted to a Dropbox area. Password for pdf downloads will be announced at first class or contact Dr. Sosinsky.

Our course websites can be accessed at: http://ncmir.ucsd.edu/training/ucsd_courses/index.shtm

NOTE: TEXT IN BLUE REFERS TO CLASSES SHARED BY ALL STUDENTS

Lab #	Date	EM Schedule	Instructors	LM Schedule	Instructors
1	2-Oct Th	Orientation		Sosinsky, Ellisman, Deerinck, Bushong, Hakozaiki, Mackey, Wood-Cohan	
2	7-Oct Tu	Immuno		Bushong / Cone	
3	9-Oct Th	Microtomy		Mackey / Bushong / Kim / Deerinck	
4	14-Oct Tu	Specimen Prep Fixation		Mackey / Bushong / TBN	
5	16-Oct Th	Meet for project setup		Sosinsky, Ellisman, Deerinck, Bushong, Hakozaiki, Mackey, Wood-Cohan	
6	21-Oct Tu	LM imaging basics	Hakozaiki	EM imaging basics	Mackey/ TBN
7	23-Oct Tu	EM I	Mackey / TBN	LM I	Hakozaiki
8	28-Oct Th	Embedding/Knife-making	Mackey / TBN	LM II	Hakozaiki
9	30-Oct Th	EM II	Mackey	Live Cell Imaging	Cone
10	4-Nov Tu	EM Alignment	Mackey	Advanced LM Alignment	Hakozaiki
11	6-Nov Th			Practice and Project Time	
	11-Nov Tu			Veterans Day Holiday	
12	13-Nov Th	Electron Tomography I (Experimental)	Perkins, Mackey	Practice/Project Time	Hakozaiki, TBD
13	18-Nov Tu	Electron Tomography II (Computational)	Perkins	FRET/FRAP	Hakozaiki, Hoshijima
14	20-Nov Th	EM Practical Training HPF-FS demo	Mackey Thor (HPF)	Deconvolution/ TIRF	Hakozaiki/Bushong
15	25-Nov Tu	Project Time and Written Exams		Mackey or Hakozaiki	
	27-Nov Th			Thanksgiving Holiday	
16	31-Nov Tu	Visualization		Deerinck, Bushong, Sosinsky	
17	4-Dec	Project Time		Mackey or Hakozaiki	
18	9-Dec	Project Time & Skills Assessment		Mackey or Hakozaiki	
Finals week	18-Dec (Thu)	Student Presentations (at 11:30 am) All instructors come.			
		** for those taking Neu259, Neu259 exams will be due Friday Dec 19.			