

Materials Research Laboratory - UCSB Shared Experimental Facilities

SUMMARY OF INDIVIDUAL RATES - PROPOSED RATES EFFECTIVE 7/1/18

(T = TEMPO labs; P= Polymer Characterization labs; S= Spectroscopy labs; X= Xray labs)

Name of Good or Service		Billing Unit	On-Campus Rate	Off-Campus Rate (Academic/Non-Profit)	Off-Campus Rate (Private/For Profit)
T-1	Porosimeter-BET	per day	32.55	49.96	97.65
T-2	High Temp XRD (Powder Diffractometer)	per hour	32.55	49.96	97.65
T-3	ICP-OES Spectrometer	per hour	32.55	49.96	97.65
T-4	TGA	per hour	13.00	19.96	45.00
T-5	TGA-Mass Spec	per hour	34.50	52.96	105.00
T-6a	Fluorimeter	per hour	16.25	24.94	50.00
T-6b	Fluorimeter with Integrating Sphere	per hour	32.50	49.89	100.00
T-7	AccuPyc 1340 Pycnometer	per sample	60.00	92.10	180.00
T-8	UN-Vis-NIR Spectrometer	per hour	16.25	24.94	48.75
T-9	Fluorescence Microscope	per hour	10.85	16.65	32.55
T-10	Netzsch Differential Scanning Calorimeter (DSC)	per hour	6.00	9.21	18.00
T-11a	MPMS3 (AKA Squid): prime time: 8 am - 6 pm, minimum 6 hr reservation	per hour	10.00	15.35	\$75/hr for first 6 hrs OR \$500/day. No 6 hr minimum, no prime time/non-prime time
T-11b	MPMS3 (AKA Squid): non-prime time: 6 pm - 8 am, minimum 6 hr reservation	per hour	5.00	7.68	
T-12a	Physical Properties Measurement System (PPMS) DynaCool - VSM, ETO, RES options (D1) prime time: 8 am - 6 pm, minimum 6 hr reservation	per hour	10.00	15.35	\$75/hr for first 6 hrs OR \$500/day. No 6 hr minimum, no prime time/non-prime time
T-12b	Physical Properties Measurement System (PPMS) DynaCool VSM, ETO, RES options (D1) non-prime time: 6 pm - 8 am, minimum 6 hr reservation	per hour	5.00	7.68	
T-13a	Physical Properties Measurement System (PPMS) DynaCool-ETO, RES, heat cap, TTO options (D2) prime time: 8 am - 6 pm, minimum 6 hr reservation	per hour	10.00	15.35	\$75/hr for first 6 hrs OR \$500/day. No 6 hr minimum, no prime time/non-prime time
T-13b	Physical Properties Measurement System (PPMS) DynaCool-ETO, RES, heat cap, TTO options (D2) non-prime time: 6 pm - 8 am, minimum 6 hr reservation	per hour	5.00	7.68	
T-14	Nicolet iS10 Fourier Transforms Infrared (FTIR)	per hour	16.25	24.94	
T-15	Triton Dilution Refrigeration System (access to this instrument is conditional and will be determined by the user's experience)	per day	240.00	368.40	720.00
P-1	TA Instruments Q2000 Differential Scanning Calorimeter (DSC)	per run	23.87	36.64	71.61
P-2	Shimadzu GC-2014 Gas Chromatograph	per run	11.10	17.04	33.30
P-3	GPC - using chloroform	per run	9.77	15.00	29.31
P-4	GPC - using DMF	per run	19.00	29.17	57.00
P-5	GPC - with MALS, Viscostar, and Rex detectors	per run	25.49	39.13	76.47
P-6	Preparative GPC	per run	12.00	18.42	36.00
P-7a	Nano Isothermal Titration Calorimeter (ITC)	per hour	10.27	15.76	30.81

P-7b	Nano Isothermal Titration Calorimeter (ITC)	per day	61.65	94.63	184.95
P-8	Microwave Reactors (CEM and Biotage)	per run	13.02	19.99	39.06
P-9	Rheometer I (with water bath)	per hour	20.00	30.70	60.00
P-10	Rheometer II (with oven)	per hour	25.00	38.38	75.00
P-11	Wyatt DynaPro NanoStar dynamic light scatterer (DLS)	per run	13.98	21.46	41.94
P-12	Agilent 1200 HPLC	per run	13.02	19.99	39.06
P-13	UPLC Xevo ToF	per run	11.91	18.28	35.73
P-14	GPC - Aqueous	per run	11.98	18.39	35.94
S-1	Fluorimeter (MRL 1050)	per hour	17.96	27.57	53.88
S-2	IPSO 400 DNP NMR	per hour	23.13	35.50	69.39
S-3	Avance 500 SB NMR	per hour	20.94	32.14	62.82
S-4	IPSO 500 WB NMR	per hour	20.55	31.54	61.65
S-5	FTIR/Raman-FTIR (per day rate: \$40)	per hour	7.50	11.51	22.50
S-6	FTIR/Raman-Raman (per day rate: \$40)	per hour	7.50	11.51	22.50
S-7	EMXPlus EPR	per hour	24.86	38.16	74.58
S-8	VNMRS 600 SB NMR	per hour	21.27	32.65	63.81
S-9	IPSO 300M WB NMR	per hour	29.75	45.67	89.25
S-10	Biolin QCM-D E-Series (per day rate: \$40)	per hour	7.50	11.51	22.50
S-11	IPSO 800 SB NMR	per hour	28.94	44.42	86.82
X-1	Commercial X-ray Diffractometer	per hour	39.60	60.79	118.80
X-2	Specialty X-ray Diffractometer	per hour	29.30	44.98	87.90
X-3	Nikon Optophot Upright Microscope	per hour	27.13	41.64	81.39
	Assistant Project Scientist	per hour	88.92	136.49	136.49
	Staff Research Associate	per hour	68.66	105.39	63.63-105.39
	Professional Reseracher	per hour	168.51	258.66	258.66
	Project Scientist	per hour	162.16	248.92	248.92
	NMR Specialist	per hour	69.22	106.25	106.25
	XRD Specialist	per hour	63.99	98.22	98.22

Other Fees:

- \$100 Training fee for each external user attending training classes (for profit institutions)
- Individual training will be billed at the off-campus hourly rate of the trainer.