

**Materials Research Laboratory - UCSB Shared Experimental Facilities**

**SUMMARY OF INDIVIDUAL RATES - PROPOSED RATES EFFECTIVE 7/1/17**

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

	<b>Name of Good or Service</b>	<b>Billing Unit</b>	<b>On-Campus Rate</b>	<b>Off-Campus Rate (Academic/Non-Profit)</b>	<b>Off-Campus Rate (Private/For Profit)</b>
T-1	Porosimeter-BET	per day	32.55	49.96	97.65
T-2	Bruker XRD (Powder Diffractometer)	per hour	32.55	49.96	97.65
T-3	ICP Spectrometer	per hour	32.55	49.96	97.65
T-4	TA TGA	per hour	13.00	19.96	39.00
T-5	TA MS	per hour	21.50	33.00	64.50
T-6a	Fluorimeter	per hour	16.25	24.94	48.75
T-6b	Integrating Sphere - Fluorimeter accessory	per hour	16.25	24.94	48.75
T-7a	MPMS 5XL (AKA Squid): <b>prime time: 8 am - 6 pm, minimum 6 hr reservation</b>	per hour	10.00	15.35	30.00
T-7b	MPMS 5XL (AKA Squid): <b>non-prime time: 6 pm - 8 am, minimum 6 hr reservation</b>	per hour	5.00	7.68	15.00
T-8	Shimadzu UV3600 UN-Vis-NIR Spectrometer	per hour	16.25	24.94	48.75
T-9	Netzsch Differential Scanning Calorimeter (DSC)	per hour	6.00	9.21	18.00
T-10	Fluorescence Microscope	per hour	10.85	16.65	32.55
T-11	Pycnometer	per hour	10.00	15.35	30.00
T-12a	Physical Properties Measurement System (PPMS) DynaCool - VSM, ETO, RES options (D1) <b>prime time: 8 am - 6 pm, minimum 6 hr reservation</b>	per hour	10.00	15.35	30.00
T-12b	Physical Properties Measurement System (PPMS) DynaCool VSM, ETO, RES options (D1) <b>non-prime time: 6 pm - 8 am, minimum 6 hr reservation</b>	per hour	5.00	7.68	15.00
T-13a	Physical Properties Measurement System (PPMS) DynaCool- ETO, RES, heat cap, TTO options (D2) <b>prime time: 8 am - 6 pm, minimum 6 hr reservation</b>	per hour	10.00	15.35	30.00
T-13b	Physical Properties Measurement System (PPMS) DynaCool-ETO, RES, heat cap, TTO options (D2) <b>non-prime time: 6 pm - 8 am, minimum 6 hr reservation</b>	per hour	5.00	7.68	15.00
T-14	Nicolet iS10 Fourier Transforms Infrared (FTIR)	per hour	16.25	24.94	48.75
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 <b>NEW</b>	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 hour	26.22	40.25	78.66
S-6	FTIR/Raman-Raman	per hour	33.85	51.96	101.55
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 hour	26.42	40.55	79.26
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	75.88	116.48	116.48
	Staff Research Associate	per hour	41.45-68.66	63.63-105.39	63.63-105.39
	Professional Reseracher	per hour	163.60	251.13	251.13
	Project Scientist	per hour	157.44	241.67	241.67
	NMR Specialist	per hour	67.20	103.15	103.15
	Development Engineer	per hour	75.88	116.48	116.48
	Assistant Specialist	per hour	32.16	49.37	49.37
	<b>Other Fees:</b>				
-	\$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.				