

Materials Research Laboratory - UCSB Shared Experimental Facilities

SUMMARY OF INDIVIDUAL RATES - PROPOSED RATES EFFECTIVE 7/1/20

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

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	42.00	65.31	126.00
T-2	Nicolet iS10 Fourier Transforms Infrared (FTIR)	per hour	16.25	25.27	48.75
T-3	ICP-OES Spectrometer	per hour	32.55	50.62	97.65
T-4	TGA	per hour	14.30	22.24	42.90
T-5	TGA-Mass Spec	per hour	35.80	55.67	107.40
T-6a	Fluorimeter	per hour	16.25	25.27	48.75
T-6b	Fluorimeter with Integrating Sphere	per hour	32.50	50.54	97.50
T-7	AccuPyc 1340 Pycnometer	per hour	10.00	15.55	30.00
T-8	UN-Vis-NIR Spectrometer	per hour	16.25	25.27	48.75
T-9	Fluorescence Microscope	per hour	10.85	16.87	32.55
T-10	Netzsch Differential Scanning Calorimeter (DSC)	per hour	8.00	12.44	24.00
T-11a	MPMS3 (AKA Squid): prime time: 8 am - 6 pm, minimum 6 hr reservation	per hour	10.00	15.55	\$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	7.78	
T-12a	Physical Properties Measurement System (PPMS) DynaCool - ETO, RES options (D1) prime time: 8 am - 6 pm, minimum 6 hr reservation	per hour	10.00	15.55	\$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 ETO, RES options (D1) non-prime time: 6 pm - 8 am, minimum 6 hr reservation	per hour	5.00	7.78	
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	15.55	\$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	7.78	
T-14	Physical Properties Measurement System (PPMS) DynaCool - VSM, ETO, RES options (D3) No prime time/non-prime time, minimum 6 hrs reservation (NEW)	per hour	8.50	13.22	25.50
T-15	Triton Dilution Refrigeration System (minimum 3 days, access to this instrument is conditional and will be determined by the user's experience)	per day	240.00	373.20	720.00
P-1	TA Instruments Q2000 Differential Scanning Calorimeter (DSC)	per run	23.87	37.12	71.61
P-2	Shimadzu GC-2014 Gas Chromatograph	per run	11.10	17.26	33.30
P-3	GPC - using chloroform	per run	9.77	15.19	29.31
P-4	GPC - using DMF	per run	19.00	29.55	57.00
P-5	GPC - with MALS, Viscostar, and Rex detectors	per run	17.50	27.21	52.50
P-6	Preparative GPC	per run	12.00	18.66	36.00
P-7a	Nano Isothermal Titration Calorimeter (ITC)	per hour	10.27	15.97	30.81

P-7b	Nano Isothermal Titration Calorimeter (ITC)	per day	61.65	95.87	184.95
P-8	Microwave Reactors (CEM and Biotage)	per run	13.02	20.25	39.06
P-9	Rheometer I (with water bath)	per hour	20.00	31.10	60.00
P-10	Rheometer II (with oven)	per hour	25.00	38.88	75.00
P-11	Wyatt DynaPro NanoStar dynamic light scatterer (DLS)	per run	13.98	21.74	41.94
P-12	UPLC Xevo ToF	per run	12.40	19.28	37.20
P-13	Agilent 1200 HPLC	per run	13.02	20.25	39.06
P-14	GPC - Aqueous	per run	11.98	18.63	35.94
P-16	Advanced Polymer Chromatograph (APC System)	per run	9.77	15.19	29.31
P-17	Dynamic Mechanical Analyzer (DMA)	per hour	25.00	38.88	75.00
S-1	Fluorimeter (MRL 1050)	per hour	17.96	27.93	53.88
S-2	IPSO 400 DNP NMR	per hour	23.13	35.97	69.39
S-3	Avance 500 SB NMR	per hour	20.94	32.56	62.82
S-4	IPSO 500 WB NMR	per hour	20.55	31.96	61.65
S-5	FTIR/Raman-FTIR (per day rate: \$40)	per hour	7.50	11.66	22.50
S-7	EMXPlus EPR	per hour	24.86	38.66	74.58
S-8	VNMRS 600 SB NMR	per hour	21.27	33.07	63.81
S-9	IPSO 300M WB NMR	per hour	29.75	46.26	89.25
S-10	Biolin QCM-D E-Series (per day rate: \$40)	per hour	7.50	11.66	22.50
S-11	IPSO 800 SB NMR	per hour	28.94	45.00	86.82
S-12	Bruker 100MHz WB solid-state NMR spectrometer	per hour	15.00	23.33	45.00
X-1	Commercial X-ray Diffractometer	per hour	39.60	61.58	118.80
X-2	Specialty X-ray Diffractometer	per hour	29.30	45.56	87.90
X-3	Nikon Optophot Upright Microscope	per hour	27.13	42.19	81.39
E-1	Energy Research Facility Access Fee	per day	10.00	15.55	30.00
	Assistant Project Scientist	per hour	88.92	138.27	138.27
	Staff Research Associate	per hour	68.66	106.77	106.77
	R&D Engineer	per hour	68.66	106.77	106.77
	Professional Researcher	per hour	168.51	262.03	262.03
	Project Scientist	per hour	162.16	252.16	252.16
	NMR Specialist	per hour	69.22	107.64	107.64
	XRD Specialist	per hour	63.99	99.50	99.50

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.