

Materials Research Laboratory - UCSB Shared Experimental Facilities

SUMMARY OF INDIVIDUAL RATES EFFECTIVE 8/1/23

(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 | 45.00 | 69.98 | 135.00 |
| T-3 | ICP-OES Spectrometer | per hour | 40.70 | 63.29 | 122.10 |
| T-4 | TGA | per hour | 20.35 | 31.64 | 61.05 |
| T-5 | TGA-Mass Spec | per hour | 52.80 | 82.10 | 158.40 |
| T-6a | Fluorimeter | per hour | 23.10 | 35.92 | 69.30 |
| T-6b | Fluorimeter with Integrating Sphere | per hour | 38.00 | 59.09 | 114.00 |
| T-7 | AccuPyc 1340 Pycnometer | per hour | 17.50 | 27.21 | 52.50 |
| T-8 | UN-Vis-NIR Spectrometer | per hour | 19.80 | 30.79 | 59.40 |
| T-9 | Fluorescence Microscope | per hour | 23.00 | 35.77 | 69.00 |
| T-11 | Magnetic Property Measurement System (MPMS3, aka SQUID); minimum 6 hr reservation | per hour | 8.53 | 13.26 | \$93.50/hr for first 6 hrs OR \$687.50/day. No 6 hr minimum |
| T-12 & T-13 | 9 Tesla DynaCool Physical Properties Measurement System (D1 & D2 PPMS) - ETO, Res, TTO, HC: minimum 6 hr reservation | per hour | 8.80 | 13.68 | \$93.50/hr for first 6 hrs OR \$687.50/day. No 6 hr minimum |
| T-14 | Nicolet iS10 Fourier Transforms Infrared (FTIR) | per hour | 19.67 | 30.59 | 59.01 |
| T-17 | 14 Tesla DynaCool Physical Properties Measurement System (D3 PPMS) - ETO, RES, 50mK DR, VSM & oven: minimum 6 hrs reservation | per hour | 10.00 | 15.55 | \$85/hr for first 6 hrs OR \$625/day. No minimum time. |
| T-18 | Mossbauer (NEW) | per day | 70.00 | 108.85 | 210.00 |
| P-1 | TA Instruments Differential Scanning Calorimeter (DSC) DSC2500 | per run | 25.06 | 38.97 | 75.18 |
| P-2 | Shimadzu GC-2014 Gas Chromatograph | per run | 11.66 | 18.13 | 34.98 |
| P-3 | GPC - using chloroform | per run | 10.25 | 15.94 | 30.75 |
| P-4 | GPC - using DMF | per run | 19.95 | 31.02 | 59.85 |
| P-5 | GPC - with MALS, Viscostar, and Rex detectors | per run | 18.38 | 28.58 | 55.14 |
| P-7a | Nano Isothermal Titration Calorimeter (ITC) | per hour | 10.78 | 16.76 | 32.34 |
| P-7b | Nano Isothermal Titration Calorimeter (ITC) | per day | 64.68 | 100.58 | 194.04 |
| P-8 | Microwave Reactors (CEM and Biotage) | per run | 13.02 | 20.25 | 39.06 |
| P-9 | Rheometer I (with water bath) | per hour | 21.00 | 32.66 | 63.00 |
| P-11 | Wyatt DynaPro NanoStar dynamic light scatterer (DLS) | per run | 14.68 | 22.83 | 44.04 |
| P-12 | UPLC Xevo ToF | per run | 17.83 | 27.73 | 53.49 |
| P-14 | GPC - Aqueous | per run | 12.58 | 19.56 | 37.74 |
| P-17 | Dynamic Mechanical Analyzer (DMA) | per hour | 26.25 | 40.82 | 78.75 |
| P-18 | ARES-G2 Rheometer | per hour | 26.25 | 40.82 | 78.75 |

| | | | | | |
|-------|---|----------|--------|--------|--------|
| P-19 | GPC - using THF (NEW) | per run | 10.25 | 15.94 | 30.75 |
| S-1a | Fluorimeter (Room 1403, CNSI) Prime time rate: 8:00am - 8:00pm | per hour | 23.93 | 37.21 | 71.79 |
| S-1b | Fluorimeter (Room 1403, CNSI) Non-prime time rate: 8:00pm - 8:00am | per hour | 18.70 | 29.08 | 56.10 |
| S-2a | IPSO 400 DNP NMR Prime time rate: 8:00am - 8:00pm | per hour | 35.59 | 55.34 | 106.77 |
| S-2b | IPSO 400 DNP NMR Non-prime time rate: 8:00pm - 8:00am | per hour | 27.66 | 43.01 | 82.98 |
| S-3a | Avance 500 SB NMR Prime time rate: 8:00am - 8:00pm | per hour | 28.13 | 43.74 | 84.39 |
| S-3b | Avance 500 SB NMR Non-prime time rate: 8:00pm - 8:00am | per hour | 21.77 | 33.85 | 65.31 |
| S-4a | IPSO 500 WB NMR Prime time rate: 8:00am - 8:00pm | per hour | 27.72 | 43.10 | 83.16 |
| S-4b | IPSO 500 WB NMR Non-prime time rate: 8:00pm - 8:00am | per hour | 21.56 | 33.53 | 64.68 |
| S-7a | EMXPlus EPR Prime time rate: 8:00am - 8:00pm | per hour | 33.04 | 51.38 | 99.12 |
| S-7b | EMXPlus EPR Non-prime time rate: 8:00pm - 8:00am | per hour | 25.70 | 39.96 | 77.10 |
| S-8a | VNMRS 600 SB NMR Prime time rate: 8:00am - 8:00pm | per hour | 28.71 | 44.64 | 86.13 |
| S-8b | VNMRS 600 SB NMR Non-prime time rate: 8:00pm - 8:00am | per hour | 22.26 | 34.61 | 66.78 |
| S-9a | IPSO 300 SWB NMR Prime time rate: 8:00am - 8:00pm | per hour | 40.08 | 62.32 | 120.24 |
| S-9b | IPSO 300 SWB NMR Non-prime time rate: 8:00pm - 8:00am | per hour | 31.17 | 48.47 | 93.51 |
| S-10a | Biolin QCM-D E-Series Prime time rate: 8:00am - 8:00pm | per hour | 11.97 | 18.61 | 35.91 |
| S-10b | Biolin QCM-D E-Series Non-prime time rate: 8:00pm - 8:00am | per hour | 9.29 | 14.45 | 27.87 |
| S-11a | IPSO 800 SB NMR Prime time rate: 8:00am - 8:00pm | per hour | 39.06 | 60.74 | 117.18 |
| S-11b | IPSO 800 SB NMR Non-prime time rate: 8:00pm - 8:00am | per hour | 30.38 | 47.24 | 91.14 |
| S-12a | Bruker 100MHz WB solid-state NMR spectrometer Prime time rate: 8:00am - 8:00pm | per hour | 19.55 | 30.40 | 58.65 |
| S-12b | Bruker 100MHz WB solid-state NMR spectrometer Non-prime time rate: 8:00pm - 8:00am | per hour | 15.18 | 23.60 | 45.54 |
| X-1 | Commercial X-ray Diffractometer | per hour | 50.50 | 78.53 | 151.50 |
| X-2 | Specialty X-ray Diffractometer | per hour | 37.86 | 58.87 | 113.58 |
| 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 |
| | Associate Project Scientist | per hour | 124.38 | 193.41 | 373.14 |
| | Project Scientist | per hour | 214.17 | 333.03 | 642.51 |
| | Staff Research Associate | per hour | 85.86 | 133.51 | 257.58 |
| | Professional Researcher | per hour | 245.25 | 381.36 | 735.75 |
| | R&D Engineer | per hour | 120.55 | 187.46 | 361.65 |
| | Associate Specialist (X-ray) | per hour | 117.95 | 183.41 | 353.85 |
| | Laboratory Assistant 3 | per hour | 68.87 | 107.09 | 206.61 |
| | Student Lab Assistant | per hour | 39.20 | 60.96 | 117.60 |

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.