

NEW Rate Schedule for Microscopy Services in the NC Brown Center for Ultrastructure Studies 2011

<u>Training Charges:</u>	ESF Rate	Outside Academics Rate	Industry Rate**
(Students registered for an ESF CME/MIC courses are not included)*			
Transmission Electron Microscope (TEM) (JEOL 2000EX)/hr	\$40	50	100
High Resolution TEM 120kV and higher/hr	50	60	120
Scanning Electron Microscope (SEM) (JEOL 5800LV)/hr	40	50	100
Freeze Fracture Techniques (Balzers 400T)/hr	40	50	100
Cryotechniques (Ultramicrotomy;Freeze Substitution) (UC6)/hr	40	50	100
Resin Ultramicrotomy (hydrophobic or Hydrophilic)/sample	40	50	100
Light Microscopy/slide	40	50	100
 <u>Usage Charges: Biological/Materials</u>			
Light microscopy (BF,PC,Nomarski, PL)/slide	10	15	30
Photomicrography/slide	10	15	30
Stained semi-thin sections/slide	10	15	30
Fluorescence sample prep/slide	40	50	100
Fluorescence micrography/slide	40	50	100
SEM/hr	40	50	100
Critical Point Drying/run	30	45	90
Sputter Coating Au/Pd/run	20	30	60
SEM elemental analysis/sample	40	50	100
TEM/hr	40	50	100
High Resolution TEM (120kV and higher)/hr	50	60	120
Freeze Substitution/run	75	100	200
Ultramicrotome/hr	40	50	100
Tissue processing and embedding in plastic/4 blocks	60	90	180
Cryoultramicrotomy/sample	75	100	200
Autoradiography (tritium, iodine 125)/sample	500	1000	2000
Immunoelectron microscopy IEM (LM,SEM or TEM)/sample	500	1000	2000
Silver enhancement/sample	40	50	100
Wet photography and film scanning/each	2	3	6
Freeze Fracture/sample (with IEM add \$500)	500	1000	2000
Negative staining (UA,PTA,Va,Mo)/grid	10	15	30
Airfuge particle count (includes negative stain TEM)/run	500	1000	2000
Glow discharge/run	10	15	30
Rotary shadow (pt,Au,Cr,Ti,Ta)/run	50	60	120
Electron diffraction/grid	500	1000	2000
Electron tomography and 3D reconstruction/grid	500	1000	2000

*Students are charged a course fee of \$200 for supplies beginning Fall 2011

** Industry Rate is normally 2X Outside Academia Rate unless otherwise noted