

**OSU MICROSCOPY LABORATORY SERVICES AND CHARGES
EXTERNAL ACADEMIC USERS
(Effective September 1, 2026)**

EQUIPMENT RENTAL

JEOL JEM 2100 Transmission Electron Microscope (TEM)

Without Assistance (per hour)	\$67.50
With Assistance (per hour)	\$92.50
EDS X-ray Spectroscopy (per hour)	add \$15.00

FEI Quanta 600 Scanning Electron Microscope (SEM)

Without Assistance (per hour)	\$52.50
With Assistance (per hour)	\$77.50
EDS X-ray Spectroscopy (per hour)	add \$15.00
Electron beam lithography (EBL, per hour)	add \$15.00

ThermoFisher Scios2 Dual Beam SEM/ Focused Ion Beam

Without Assistance (per hour)	\$67.50
With Assistance (per hour)	\$92.50
EDS X-ray Spectroscopy (per hour)	add \$15.00
EBSD (per hour)	add \$15.00
FIB (per hour)	add \$30.00

Zeiss LSM980 Confocal Laser Scanning Microscope

Without Assistance (per hour)	\$52.50
With Assistance (per hour)	\$77.50

Leica SP8 Confocal Laser Scanning Microscope

Without Assistance (per hour)	\$67.50
With Assistance (per hour)	\$92.50

Asylum MFP3D Infinity Atomic Force Microscope

Without Assistance (per hour)	\$22.50
With Assistance (per hour)	\$47.50

Bruker D8 Advance XRD

Powder Stage Without Assistance (per hour)	\$37.50
High Resolution Stage without Assistance (per hour)	\$45.00
Technician time (sample preparation-minimum 1 hour, per hour)	add \$25.00

Allied Multiprep Polisher

Without Assistance (day, minimum of ½ day charge)	\$30.00
With Assistance (per hour)	add \$25.00

Gatan PIPSII Ion Mill (TEM sample prep)

Without Assistance (per hour)	\$15.00
With Assistance (per hour)	add \$25.00

Leica CM1900 Cryostat

Without Assistance (per hour)	\$30.00
With Assistance (per hour)	add \$25.00

Training Charge / Technician time (per hour)	\$25.00
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SAMPLE PREPARATION

Scanning Electron Microscope

Scanning Electron Microscopy

Fixation/Drying of Biological Samples by Microscopy Staff (up to 12 samples)	\$450.00
Chemicals only (User processes samples)	\$75.00
Critical Point Drying (per run)	\$60.00
Au/Pd or Iridium Coating (per minute – minimum charge one minute)	\$30.00
Carbon Coating (per run)	\$30.00

Transmission Electron Microscopy

Fixation/Embedding of Biological Samples by Microscopy Staff (up to 12 samples)	\$450.00
Chemicals only (User processes samples)	\$75.00

Sectioning

Thick Sectioning (per block)	\$25.00
Thin Sectioning (per block)	\$35.00
Cryosectioning for TEM (per sample) - \$40 setup	\$30.00/hr
Sample Section Staining (per grid)	\$15.00

Labor (per hour)	\$25.00
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SUPPLIES

FIXATION CHEMICALS

Cacodylate Buffered Glutaraldehyde, 2% (per ml)	\$1.50
Osmium Tetroxide, 1% (per ml)	\$1.50
Cacodylate/Phosphate Buffer (per ml)	\$1.50
Glutaraldehyde, 10ml vial (8%, 10%, 25%)	\$15.00
Paraformaldehyde, 10ml vial (16%)	\$15.00

RESINS

Embed-812, Spurr's or LR White (per ml)	\$1.50
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TEM GRIDS AND GRID BOXES

Carbon Film Grid, 150 mesh (each)	\$4.50
Holey Carbon Film Grid, 200 mesh (each)	\$12.00
Lacey Carbon Film Grid, 200 mesh (each)	\$10.00
Grid Box, 50 grid capacity (each)	\$15.00

SEM SAMPLE STUBS AND STUB BOXES

Pin Type Aluminum Stub, 12mm (each)	\$1.50
Pin Type Carbon Stub, 12mm (each)	\$3.00
Aluminum Stub, 25mm (each)	\$7.50
Carbon Planchet, 25mm (each)	\$7.50
Storage Box, 4 pin stubs (each)	\$6.00

MICROSCOPE GLASS SLIDE BOXES

Slide Storage Box, 12 slides (each)	\$7.50
Slide Storage Box, 25 slides (each)	\$15.00

ATOMIC FORCE MICROSCOPY SUPPLIES

Cantilever (each)	varies
Sample Disk	\$1.50