

## Instruments by Location

### COORSTEK

#### BASEMENT LEVEL - 001 SUITE

KEYENCE VHX-5000	001-C
PANALYTICAL EMPYREAN X-RAY DIFFRACTOMETER	001-C
ZEISS VERSA X-RAY MICROSCOPE	001-C
ENVIRONMENTAL X-RAY PHOTOELECTRON SPECTROSCOPY	001-D
CAMECA LEAP 4000X SI	001-F
FEI HELIOS NANOLAB 600I FIB/SEM	001-J
IONTOF TOF-SIMS.V	001-K
RAITH VOYAGER E-BEAM LITHOGRAPHY SYSTEM	001-M
TESCAN S8252G RAMAN SEM/FIB	001-M
FEI TALOS F200X TEM/STEM	001-P

#### BASEMENT LEVEL - 040

ANGSTROM THERMAL EVAPORATOR	040
CLASS 1000 (ISO 6) CLEANROOM	040
DIGITAL INSTRUMENTS AFM	040
FTIR SPECTROMETER/ELLIPSOMETER	040
HALL SYSTEM	040
JANIS CRYOSTAT	040
NANYTE BEAM UV – LASER LITHOGRAPHY	040
PHENOM SEM	040
PROFILOMETER	040
UV-VIS SPECTROMETER	040
WOOLLAM M-2000 ELLIPSOMETER	040
TABLETOP GOLD SPUTTER COATER	040-B
AJA SPUTTERING SYSTEM	040-B
JA UHV MULTI-TECHNIQUE DEPOSITION SYSTEM	040-B
PLASMA-PREEN SYSTEM	040-B
SEMICORE SPUTTERING SYSTEM	040-B
ABM UV MASK ALIGNER	040-C
SPIN COATER/HOT PLATE	040-C

#### 2ND FLOOR

6.7 kN ELECTROMECHANICAL LOAD FRAME	240
HIGH TEMPERATURE SERVOHYDRAULIC LOAD FRAMES	240

### ALDERSON HALL

ASYLUM MFP-3D SCANNING PROBE MICROSCOPE	463
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### COOLBAUGH HALL

#### 2ND FLOOR

DR-6000 HACH	237
SHIMADZU TOC-L TOTAL CARBON ANALYZER	237
THERMOSCIENTIFIC DIONEX ICS-900	237

#### 3RD FLOOR

SCIEX 5500 TRIPLE QUAD	325
SCIEX X500R QTOF	325
THERMO SCIENTIFIC ORBITRAP EXPLORIS 240	325

### GRL - GENERAL RESEARCH LAB

SOLAR SIMULATOR	231
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### HILL HALL

#### 1ST FLOOR

100 kN ELECTROMECHANICAL LOAD FRAMES	150
MTS EXCEED E22 IMPACT TESTER	150
SERVOHYDRAULIC LOAD FRAMES	151
FATIGUE MACHINES	160
DSI GLEEBLE 3500-GTC	173
JEOL JSM-7000F FIELD EMISSION SEM	176-E
WITEC LASER CONFOCAL RAMAN MICROSCOPE	177
FEI QUANTA 600I ENVIRONMENTAL SEM	178-A
FEI TECNAI T12	178-C

#### 3RD FLOOR

4-PROBE ELECTRICAL PROBE STATION	310
AUTOGLOW 200 REACTIVE ION ETCHER	310
FURNACES	310
HIGH TEMPERATURE THERMAL EVAPORATOR	310
CLASS 1,000 (ISO 6) CLEANROOM	312
KARL SUSS MASK ALIGNER	312
SPIN COATER/HOT PLATE	312
WIRE BONDER	312