The University of Western Sydney has a wide range of high end scientific equipment available for commercial use. UWS Innovation has set up the Equipment Access Platform to enable students, staff and Industry to gain easier access to this equipment. The equipment is located within the Universities specialised research facilities, each with their own Research Manager to enable quick professional access and assistance.

**Advanced Materials Characterisation Facility (AMCF):**
The AMCF is run by Research Manager Dr. Richard Wuhrer, and has a wide variety of instruments for biological and non-biological characterisation including:
» SEMs
» XRDs
» AFM
» Micrometrics
» EM Probe
» Thermal Characterisation

**Confocal Bio Imaging Facility (CBIF):**
The CBIF is run by Dr Anya Salih and Liz Kabinoff, and consists of Confocal and light microscopes that can image dynamic events in live cells, plant or animal tissues in 3D, analyse movement of genes and proteins and map elements in living or inorganic samples.

**Mass Spectroscopy Facility:**
The Mass Spec Facility is run by Dr. David Harman and offers access to advanced mass spectrometry, either direct sample analysis (infusion of samples in solution) or coupled to ultra high performance liquid chromatography (nanoflow or conventional).

**Secondary Ion Mass Spectroscopy Facility (SIMS):**
The SIMS Facility performs depth profiling analysis and is able to determine surface and near-surface composition in materials and detects elements ranging from hydrogen to uranium in parts per billion.

**Next Generation Genome Sequencer:**
The UWS Hawkesbury Institute for the Environment has a sequencing suite incorporating Sanger and Next-generation Sequencing Platforms and is run by Dr. Caroline Janitz.

**Biomedical Magnetic Resonance Facility (BMRF)**
The internationally renowned Biomedical Magnetic Resonance Facility, led by Prof. William S. Price, Dr Bahman Ghadirian and Dr Allan Torres, contains state-of-the-art equipment for NMR Diffusometry and high resolution MRI as well as conventional NMR experiments. In vivo MRI experiments and HR MAS are also possible.

For more information please visit our Equipment Access website at www.uws.edu.au/innovate/innovate/equipment_booking/instrumentation or contact ip@uws.edu.au or Victoria Hirst at v.hirst@uws.edu.au or on 02 9685 9742