The **JEOL JEM 1400 Flash TEM** is a versatile 120kV Transmission Electron Microscope (TEM) which offers a wide range of applications and can be easily optimized for users’ research purposes. It is known for its ease of use with a multi-touch screen to provide high resolution imaging and analysis for a variety of interests, such as biologicals, polymers, nanotechnology, quality control, and advanced materials development.
Our scope is equipped with a LaB6 emitter gun (optimized for high contrast imaging for biological, low Z, and materials science application); and, 2 high-resolution AMT (12 Megapixel CCD and high-sensitivity sCMos) cameras to cover the broadest range of magnifications that may be needed, from ultra-low X10 full grid view to X 1.2 million total EM magnification. Easy to use camera software provides high resolution/high contrast imaging with very low readout noise.

(*optional*) The modular versatility of this J1400 Flash TEM allows for future expansion into tomography and other hot areas of visual and analytical research interest.