

CCNY-2 Facilities Equipment Resources available for PIRE**Microscopy**

- Olympus BX51: High resolution optical compound microscope with long working distance (10 mm) glass corrected objectives for work with microfluidics
- Zeiss-EVO 40 variable-pressure scanning electron microscope with EDAX (provided by Prof. Ilona Kretzschmar at CCNY)
- Nikon HG Fiber Illuminator: Intensilight C-HGFI
- Nikon Upright Polarizing Microscope: Eclipse E400 POL
- Linkam Scientific Precision Temperature Controlled Microscope Stage: PE95-LinkPad
- Multiple Omano 4.5x to 180x Stereo Scopes
- Customized ImageJ routines: ImageJ is a powerful open source microscopy tool made available by NIH, the PI has written routines to combine image analysis with stage and microfluidic control, allow depth of field stitching and computer-vision feedback to syringe pumps.
- Veeco Instruments – Nanoscope III Atomic Force Microscope: Capable of normal and lateral force microscopy and imaging in both air and fluid environments.