## FACILITIES – VANDERBILT CELL IMAGING SHARED RESOURCE

The Cell Imaging Shared Resource (CISR) is an institutional, fee-for-service, advanced microscopy resource. The CISR provides researchers with access to state-of-the-art imaging equipment and expert technical support for sophisticated microscopy and analysis of tissue and cellular anatomy and physiology. As of December 2020, the CISR independently manages 16 advanced optical microscopes, 1 transmission electron microscope and 1 environmental scanning electron microscopes. All are fully operational and in excellent working condition. These instruments and the array of advanced capabilities offered by them are available to support any investigator with an appointment at Vanderbilt University or Vanderbilt University Medical Center.

The Departments of Molecular Physiology and Biophysics, Cell and Developmental Biology, Pathology, Biological Sciences, and Civil and Environmental Engineering provide space for the CISR. The CISR consists of six separate suites within Vanderbilt University. All six locations for CISR equipment are within easy walking distance (5 of the 6 buildings are connected), so staff can move easily between instruments as needed. The CISR maintains autonomous management and access control of all CISR instrument and service space. Card-locks provide controlled access to all CISR laboratory space. Office and desk space for the CISR faculty/staff are located in each imaging suite.

Building: Light Hall
- Suite 704: 1739 $ft^2$
  - Office
  - Staff desk area
  - Preparation area
  - Analysis workstations area
  - 9 individual microscope rooms

Building: MRBIV
- Room 10434: 120 $ft^2$
  - Microscope room
  - Computer/staff ante room

Building: MRBIII
- Room 4155: 110 $ft^2$
  - Microscope room
  - Computer/staff ante room

Building: Medical Center North (MCN)
- Suite T-2216: 694 $ft^2$
  - Microscope room
  - Sample preparation room
  - Open room with 3 microscope bays, 2 analysis workstation desks, and 1 staff desk
- Suite T-3208: 782 $ft^2$
  - 2 offices
  - Sample dropoff area
  - Open lab space
- Room BB-1116: 145 $ft^2$
  - Microscope room

Building: Stevenson Center
- Room 2102: 748 $ft^2$
  - Microscope room
  - EM sample preparation room

Building: Jacobs Hall
- Room 149: 260 $ft^2$
  - Microscope room