

FACILITIES

The entire Health Education Campus has been designed so that School of Dental Medicine students can interact with students from the School of Medicine, the Frances Payne Bolton School of Nursing, as well as the Cleveland Clinic Lerner College of Medicine.

The Health Education Campus (HEC) was designed to provide a modern teaching and learning environment. The Multimedia Laboratories are designed and equipped so that the basic sciences, technique, and simulated clinical experiences can be performed by the student doctor in his or her individual area. In 2024, The School of Dental Medicine Simulation Clinic will undergo a \$2.6 Million upgrade to the latest A-dec dental simulation equipment, to include dental patient simulator units with programmable touchpads, operating lights and operator stools that will match how student doctors will perform patient care with A-dec dental units in the clinic; Bien Air electric handpieces with dental restorative, endodontic and implant dentistry capability; Computer screens at each simulator station for multimedia learning; CAD/CAM scan/design simulation clinic space; CAD/CAM milling and 3D printing laboratory; and a separate 10 seat simulation space with Sim-Ex augmented reality dental simulators, where dental students practice 3D real time visualization, feedback and self-assessment of their high speed handpiece skills in performing operative dentistry and fixed prosthodontics procedures. In the HEC Digital Suite, Case Western Reserve University dental students are the first dental students in the US to learn HoloAnatomy 3D mixed reality human anatomy, from a \$91,000 School of Dental Medicine investment in HoloLens visors and HoloAnatomy software. Included in our Health Education Campus is our new, \$63 Million, state-of-the-art 130,000 square foot Dental Clinic that is fully equipped with digital dentistry technologies as well as a recent \$215,000 School of Dental Medicine investment in the YOMI robotic dental implant surgery system.

Drawing from a local population of more than one million, the School of Dental Medicine Clinics provide a broad spectrum of care to the population, affording dental students with substantial clinical experiences. The School of Dental Medicine cooperates with various organizations of the city in caring for their patients and clients, an arrangement that provides additional clinical experience for students.

Libraries

The Cleveland Health Sciences Library (CHSL) was formed in 1966 by an agreement between the Cleveland Medical Library Association (CMLA) and Western Reserve University. CHSL operates in two locations: the Allen Memorial Medical Library and the Health Center Library (HCL).

The Allen collection, strongly clinical, serves private and institutional members of the Cleveland Medical Library Association as well as faculty and students of Case Western Reserve University.

The Health Center Library collection of basic science materials is primarily for faculty and students of the schools of dental medicine, medicine, and nursing, and the department of biology.

The Dittrick Museum of Medical History, located on the third floor of the Allen Library, contains nearly 20,000 objects related to the history of medicine, dentistry, and pharmacy, with special emphasis on Cleveland and the Western Reserve. The museum also contains a medical archives collection and a rare book room.

Reference staff in both libraries help and instruct patrons in the use of the library and its bibliographic resources. Items not available on campus may be obtained through inter-library loan. Other services provided are quick telephone reference, citation verification, computerized or manual bibliographic searches, access to the internet, and online searching of a multitude of databases.

Hospital Affiliations

The School of Dental Medicine has working relationships with hospitals and health clinics in the Greater Cleveland community, including the Cleveland Clinic Foundation, MetroHealth, University Hospitals and the Louis Stokes Cleveland VA Medical Center. Students have the opportunity to function as dentists and observe hospital routine and operating room techniques in these hospitals. Many members of the faculty hold staff appointments in these extramural health facilities.

Community Health Clinics

Dental students participate in clinical care at several community health clinics in and around the greater Cleveland area. As part of the curriculum, dental students can spend up to two weeks at one of the community clinics and additionally may volunteer their services in their free time.