

Mission

To improve patient care by facilitating collaboration among scientists, engineers, and clinicians to catalyze the discovery, development and implementation of innovative technology, emphasizing minimally invasive approaches.

ABOUT CIMIT

A Center of Innovation

A clinically-based consortium of Boston-area hospitals and engineering schools, CIMIT supports translational research by multidisciplinary teams for medical device and clinical technology system applications. Physicians from Harvard teaching hospitals collaborate with scientists and engineers from MIT, Charles Stark Draper Labs, and physicians, scientists, and engineers from Northeastern University and Boston University with the goal of solving medical problems through innovative technology. CIMIT attracts world-class clinicians, scientists and engineers working together with industry and government to accelerate the clinical impact of innovative technologies. Research teams draw on the expertise of a professional staff skilled in all phases of the research process—from innovation, through demonstration, into commercialization and into patient application.

A Unique Consortium

As a network of hospitals, research laboratories and engineering schools, CIMIT exists as an infrastructure to enable inter-institutional collaboration. Through CIMIT, researchers from 2 or more area institutions can more easily work together in teams to get their bold ideas funded and facilitated while concentrating on the science. When joining this mission-driven network, each consortium institution enters into a standard agreement with CIMIT. With support from the CEOs of CIMIT member institutions, these operating agreements provide clarity for many research administration issues that would otherwise hamper multi-institutional collaboration.

A Clarity of Focus

CIMIT focuses on novel devices, procedures and innovations to improve patient care with programs in Biodetection & Sepsis Control, Biomaterials & Tissue Engineering, Cardiovascular Disease, Clinical Systems Innovation, Global Health, Image Guided Therapy, Inhalation Technology, Minimally Invasive Surgery, Neurotechnology, Optical Diagnostics, Traumatic Stress Disorders, Simulation, Traumatic Brain Injury & Neurotrauma, and Trauma & Casualty Care.

CIMIT AT A GLANCE

Founded:	1998	Invention Disclosures:	200+
Member Institutions:	12	Patent Applications:	200+
Industry Partners:	60+	Patents Issued:	30+
Projects Funded:	550+	Licenses:	10+
Active Projects:	76+	Companies Formed:	15+
Principal Investigators:	310+		
Peer-Reviewed Publications:	500+		

CONSORTIUM MEMBERS

Beth Israel Deaconess Medical Center
Boston Medical Center
Boston University
Brigham & Women's Hospital*
Charles Stark Draper Laboratory*
Children's Hospital of Boston
Massachusetts General Hospital*
Massachusetts Institute of Technology*
Newton-Wellesley Hospital
Northeastern University
Partners HealthCare*
VA Boston Healthcare System

* founding members

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CIMIT demonstrates the power of connecting creative minds from diverse areas of expertise, actively catalyzing collaborations and accelerating progress in applying new technologies to healthcare needs.