



Scott A. Dulchavsky MD PhD received his Undergraduate Degree in Physiology from Michigan State University and attended Wayne State University School of Medicine. He completed an internship and surgical residency at Wayne State University in Detroit where he served as the Chief Administrative Resident. Dr Dulchavsky was selected as the Helen DuRoy Traveling Scholar which allowed study at Duke University Medical School under Dr. David Sabiston and at Grady Memorial Hospital in Atlanta.

He was an assistant professor of surgery at SUNY-Stonybrook and the director of surgical research before returning to Detroit. Dr. Dulchavsky was promoted to tenured professor of surgery at Wayne State University in 1998. He was an attending surgeon at the Detroit Medical Center, the Director of Surgical Intensive Care, and the Chief of Surgery at Detroit Receiving Hospital. Dr. Dulchavsky currently serves as the Roy D. McClure Chairman of Surgery and the Surgeon in Chief at Henry Ford Hospital in Detroit, Michigan. He is also the Surgeon-In-Chief for Henry Ford Health System.

Dr Dulchavsky completed a PhD in Molecular Biology and Genetics at Wayne State University where he investigated the use of gene therapy to improve wound healing in disease states. He has served as research mentor to over 20 post-doctoral fellows and is the principal investigator for NASA in the Bio-astronautics Division involves teaching ultrasound to the astronaut and cosmonaut crews of the International Space Station to use for medical emergencies. This work has been modified for use on the Earth where his team supports the on-site care of professional sports teams and United States Olympic Committee athletes as well as the Winter Olympic Games. He was also support medical care of the Olympic athletes at the Summer Games in China and the Vancouver Winter Games.

Dr. Dulchavsky has been continuously funded for over 15 years. He received the Davis and Geck AAST scholarship award in 1991 to study respiratory failure; these investigations culminated in funding with the NIH. He served as investigator and subsequently program director for the NIH on a fellowship training grant in Trauma and Burns. He is currently funded by NASA on the International Space Station to evaluate the use of ultrasound for trauma and medical care in space as well as by the National Space Biomedical Research Institute, Smart Medical Systems Team to modify the use of micro-laparoscopy in a zero gravity environment. He was recently awarded an additional grant to develop an ultrasound catalog of anatomic and physiologic changes in long duration crew members on the International Space Station.

Dr. Dulchavsky has developed remote care capabilities on Earth using ultrasound technology modified from a space environment. These techniques are currently used by the Detroit Red Wings, Tigers, and Lions professional sports teams and were successfully used during the 2006 Winter Olympic Games in Turino. His team is working with the United Nations Millenium Development Project to enhance maternal

care in Madagascar thru remote ultrasound guidance.

Dr. Dulchavsky has been elected to numerous professional organizations and national positions including the Society of University Surgeons, Society of Critical Care Medicine, Central Surgical Society, American Association for the Surgery of Trauma, the Society of Clinical Surgery, and the American Surgical Association. He maintains an active role in local and national medical associations including the American College of Surgeons where he serves on the Committee on Trauma and as the Vice Chair for Technology and Research.

Dr. Dulchavsky is currently a professor of surgery, molecular biology and genetics at Wayne State University School of Medicine. He has received numerous medical student and resident teaching awards and has served as mentor to numerous pre and post-graduates in surgery and medicine. He has written over 100 peer-reviewed articles, numerous text chapters and edited a textbook, "Reflections" on the writings of Alexander Walt.