

Scott Dulchavsky, MD, PhD

Experience Summary



Dr. Dulchavsky is currently a professor of surgery, molecular biology and genetics at Wayne State University School of Medicine. He serves as the Roy D. McClure Chairman of Surgery and the Surgeon in Chief at Henry Ford Health System in Detroit, Michigan, as well as the CEO of The Innovation Institute at Henry Ford Hospital.

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 a principal investigator for NASA and for the National Space Biomedical Research Institute in Houston, Texas. His research focus involves teaching ultrasound to the astronaut and cosmonaut crews of the International Space Station to use for medical emergencies and on medical care of exploration class spaceflight. 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 Olympic Games. His team is working with worldwide organizations including the United Nations to enhance point of care ultrasound in underserved areas thru remote ultrasound guidance and to support maternal care in over 60 countries.

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 is a reviewer and the Study Section Head of the National Institutes of Health-National Institute of Biomedical Imaging and Bioengineering Study Section for International Space Station research. He maintains an active role in local and national medical associations including the American College of Surgeons where he served on the Committee on Trauma and is the Vice Chair for Technology and Research. He is on the White House Medical Team which provides regional care for the President of the United States.