

Daniel Kraft

Physician, Scientist, Entrepreneur, and Repeat TED Speaker

Daniel Kraft is a Stanford and Harvard trained physician-scientist, inventor, entrepreneur, and innovator. With over 25 years of experience in clinical practice, biomedical research and healthcare innovation, Kraft has served as Faculty Chair for Medicine at Singularity University since its inception in 2008, and is the Founder and Chair of Exponential Medicine, a program that explores convergent, rapidly developing technologies and their potential in biomedicine and healthcare.

Following undergraduate degrees from Brown University and medical school at Stanford, Daniel was Board Certified in both Internal Medicine & Pediatrics after completing a Harvard residency at the Massachusetts General Hospital & Boston Children's Hospital, and fellowships in hematology, oncology and bone marrow transplantation at Stanford.

He has multiple scientific publications and medical device, immunology and stem cell related patents through faculty positions with Stanford University School of Medicine and as clinical faculty for the pediatric bone marrow transplantation service at University of California San Francisco.

Daniel is a member of the Kaufman Fellows Society (Class 13) and member of the Inaugural (2015) class of the Aspen Institute Health Innovators Fellowship.

Daniel's academic research has focused on: stem cell biology and regenerative medicine, stem cell derived immunotherapies for cancer, bioengineering human T-cell differentiation, and humanized animal models. Clinical work focuses on: bone marrow / hematopoietic stem cell transplantation for malignant and non-malignant diseases in adults and children, medical devices to enable stem cell based regenerative medicine, including marrow derived stem cell harvesting, processing and delivery. He also implemented the first text-paging system at Stanford Hospital.

He is also the inventor of the MarrowMiner, an FDA approved device for the minimally invasive harvest of bone marrow, and founded RegenMed Systems, a company developing technologies to enable adult stem cell based regenerative therapies. Daniel is an avid pilot and has served in the Massachusetts and California Air National Guard as an officer and flight surgeon with F-15 & F-16 fighter Squadrons. He has conducted research on aerospace medicine that was published with NASA, with whom he was a finalist for astronaut selection.