Daniel Kraft

Daniel Kraft is a Stanford and Harvard trained physician-scientist, inventor, entrepreneur, and innovator and is serving as the Chair of the XPRIZE Pandemic Alliance Task Force. With over 25 years of experience in clinical practice, biomedical research and healthcare innovation, Kraft has chaired the Medicine for Singularity University since its inception in 2008, and is 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 is often called upon to speak to the future of health, medicine and technology and has given 5 TED and TEDMED Talks.

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. His research has been published in journals that include Nature and Science. His clinical work has 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 heavily involved in digital health, founded Digital.Health, and is on the board of Healthy.io and advises several digital health related startups. Daniel recently founded IntelliMedicine, focused on personalized, data driven, precision medicine. 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.

Other professional activities:

•Founder RegenMed Systems and inventor of the FDA approved MarrowMiner

•Adviser to the XPRIZE Foundation (Life Sciences): Medical Tricorder & Cancer XPRIZE

•Board member, Healthy.io and advisor to several life sciences and digital health companies.

Awards

•40 of the Smartest People in Healthcare

•The Top-10 Internet Smart Doctors in the World (2013)

•Pharma Voice 100: Annual list recognizes the most inspiring leaders in Life Sciences, as determined by their readers

•Digital Health Top-50 (2016)

•NIH K-08 Physician-Scientist Award

•NIH SBIR Phase I / Phase II Award

•HHMI Continuing Studies Scholarship