

QUALCOMM TRICORDER XPRIZE

TEAM SHEET



"To date, we have had significant success in the testing of our device, which includes zero-gravity testing and validation with NASA and the NIH. The ability for anyone to access their diagnostic information is a noble goal and we are proud to be participating in the advancement of the field."

– Team DMI



DMI

HEADQUARTERS: Cambridge, Massachusetts, USA

TEAM WEBSITE: www.dnamedinstitute.com

TEAM LEADER: Dr. Eugene Y. Chan

TECHNICAL INNOVATION

Recently with support from NASA and the NIH, we successfully tested its performance on a series of parabolic flights more than 160 parabolas and from gravity levels from zero to 1.8 g. We are on track to develop a version of our device for routine consumer and clinical use. To date, our rHEALTH technology has been demonstrated in more than six different major test categories and in over twenty-two different tests. It is simple to use, intuitive, and designed to bring exceptional diagnostic capabilities for personal use.

ABOUT OUR TEAM

Team DMI is comprised of highly experienced engineers, scientists, and designers from the Boston-Cambridge area. We believe that fundamental change in medicine needs to be driven by advances in technology. In particular, we share the vision that consumers are the best advocates for their own health and when

empowered, will be able to take care of themselves in ways that we have yet to imagine. This will ultimately lead to lower healthcare costs, better care, and longer lives.



ABOUT OUR TEAM LEADER

Eugene Y. Chan, M.D. is a physician-innovator who has made numerous contributions to genomic technologies, medical devices, and instrumentation. He is the Founder, President, and Chief Scientific Officer of the DNA Medicine Institute, an organization focused on advancing patient care, alleviating human suffering, and treating disease through innovation. Eugene graduated from Harvard University summa cum laude and the Harvard Medical School, MIT HST program with honors. He completed his internship in internal medicine at Harvard Medical School's Brigham and Women's Hospital and is licensed to practice medicine in multiple states. While taking a six year hiatus from his medical training, he was the Founder, Chairman, and CEO of U.S. Genomics, a company that has completed two commercial DNA analysis instruments based on his principle of single molecule fluorescent DNA scanning. The technology is also being utilized for diagnosing complex infectious diseases without the need for blood cultures. He is the Founder or Co-Founder of various biotechnology and medical devices companies, which in total have raised over \$120 million in funding. He holds more than 50 global, issued, and pending patents. He has been recognized as one of Esquire magazine's "Best and Brightest" and MIT Technology Review's "Top 100 Innovators Under 35." His work has been praised in the pages of Fortune, Forbes, Newsweek, Scientific American, and The New York Times.

ABOUT THE PRIZE

The Qualcomm Tricorder XPRIZE is a \$10 million global competition to stimulate innovation and integration of precision diagnostic technologies, helping consumers make their own reliable health diagnoses anywhere, anytime. Putting healthcare in the palm of your hand.

qualcommtricorderxprize.org