



IEEE Systems Council Chapter presents IEEE Distinguished
Lecture Series on

Entrepreneurship in Medical Technology

Dr. Leo Petrossian

Date: September 24, 2018 (Mon)

Time: 11:00 – 12:00 noon

Location: ECS 312, CSULB



Abstract:

Globally each year, billions of dollars are invested into medical research to develop better clinical insights, diagnostics or therapeutics methods. Despite tremendous amounts of research investment and countless new inventions each year, progress in healthcare has been frustratingly slow and erratic. Though there are many mechanisms for the translation of research into tangible progress, one of the most important and impactful is the process of healthcare entrepreneurship. The role of a healthcare entrepreneur is to build companies that meet unmet needs in healthcare systems, most often using technology to increase access, reduce costs or improve outcomes. During this presentation, Dr. Leo Petrossian will give an introduction into entrepreneurship, practice and theory, in healthcare and beyond. Dr. Petrossian will cite examples from the many startup companies he has either begun, supported or worked with. Please be prepared to participate in a conversation and not simply listen to a lecture.

About Speaker:

Dr. Petrossian is the Co-founder and CEO of Neural Analytics, Inc., raised over \$42M in venture financing. As CEO, he led development of the Lucid Robotic System (Lucid™ M1 Transcranial Doppler Ultrasound System® and NeuralBot™ System), a robotic assisted ultrasound platform that was recently FDA cleared. This technology integrates ultrasound, robotics and machine learning to assist clinicians to noninvasively monitor a patient's brain blood flow characteristics and provide actionable information to diagnose a variety of neurological disorders. He earned his PhD & MS degrees in biomolecular nanotechnology & solid-state device physics from the Arizona State University, while also serving as an NSF IGERT fellow. Leo also holds an MBA from the UCLA Anderson School of Management and a dual B.S. in electrical engineering & biomedical engineering from California State University, Long Beach. Leo believes in the power of technology to make a positive impact in the world and address challenging unmet medical needs.

For more information, please contact: Prof. Maryam.Moussavi@csulb.edu