

Department of Biomedical Engineering

Seminar Series

Successful collaborations in Innovation Hubs: Concrete examples

Dr. Julio C. Guerrero

CEO and founder of Cambridge Research and Technology L.L.C.

Date:	October 24, 2019 (Thursday)
Time:	11:00am
Venue:	B6619 BME/MNE/SEEM Conference Room, 6/F, Yeung Kin Man Academic Building

Abstract

Most successful economies are based on Innovation Hubs (IH). This presentation will share successful experiences in one of those IH, the one in Cambridge MA, which translated into tangible results for corporations, academia, and society; additionally, it will present details about the processes behind these experiences.

Biography

Dr. Guerrero is a mechanical engineer who assists and guides corporations globally with their technology development needs. Dr. Guerrero is the CEO and founder of Cambridge Research and Technology L.L.C., a leading science and engineering consulting firm offering R&D, business development (BD), and strategy services to corporations, governments, and individuals.

Dr. Guerrero has worked in research and development (R&D) and business development for several years in diverse companies such as Draper Laboratory in Cambridge, MA; Schlumberger Research (SLB) in Houston, TX and Cambridge, MA; and FIAT-IVECO in Torino Italy. Dr. Guerrero's technical expertise includes analyzing, designing, and developing mechanical systems, including those for harsh and extreme conditions. He has extensive experience with the energy and oil and gas industries and is an owner of over 25 mechanical system patents worldwide. Dr. Guerrero earned his master's and Ph.D. degrees from the University of Texas at Austin and was awarded the Honorary Doctoral degree from Universidad Nacional de Ingeniería in Lima-Peru in 2015. In 2014, he became a member of the Pan-American Academy of Engineering (32 countries). He was the 2015-2016 President of the American Society of Mechanical Engineers (ASME), an organization of almost 140,000 engineers in 150 countries.

Since 2003, Dr. Guerrero has collaborated with MIT professors, graduate students, and WHOI researchers and lectured in engineering at MIT. He developed applications for Draper Laboratory's technological capabilities and assets in the energy industry, including oil and gas exploration and the nuclear industry. Dr. Guerrero served as a principal research scientist at SLB, where he helped develop robots to convey equipment in horizontal oil and gas wells. He also established numerous research

collaborations with professors and students from universities and research centers around the world and led the 2,400-member SLB/Eureka Mechanical Engineering Community in 3 continents and all SLB engineering centers for 5 years. He is fluent in several languages, and loves skiing and swimming, history, economics, and Renaissance Italian art.

Enquiry: 3442 8420

All are Welcome!

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