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HST.939 Designing and Sustaining Technology Innovation for Global Health Practice
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Jose Gomez-Marquez is co-inventor and founder of Aerovax, a medical device project that is developing innovative solutions for delivering inhalable drugs and vaccine to remote populations. A major focus of his work is developing and launching commercially viable medical technology for developing countries. His other projects include the SafePilot—a next generation cane for the blind, and most recently, the X out TB program, which aims to increase TB therapy adherence in developing countries. That system is currently being incubated by CARE Nicaragua. The technologies developed within his group has been featured in Forbes, the Booz Allen Hamilton Technology Petting Zoo, and the Dow Jones Emerging Ventures Conference on Tomorrow's Innovation.

Jose has been a guest speaker at the NCIIA's Invent2Venture discussing affordable technology. At Worcester Polytechnic Institute he focuses his policy research studies on international technology transfer and metrics, reverse engineering in developing countries, and indigenous technology clusters. His biomedical research interests include market appropriate medical instrumentation, self-service diagnostic technology, and rapid prototyping alternatives for custom medical components. Prior to WPI, Jose held marketing positions at an institutional investment firm in Atlanta, GA and served as a technology strategy consultant for an agency of the World Bank. He is a founding member of the MIT International Innovations in Health initiative, and a 3 time MIT IDEAS Competition winner, including two Lemelson Awards for International technology. He arrived to the United States from his native Honduras on a Rotary scholarship and currently lives in Newton, Massachusetts.