

## **“From Concept to Market: Bringing a Medical Device to Life”**

**Dr. Joseph Hidler**  
**Aretech, LLC**  
**Ashburn, Virginia**

**Friday, April 4th, 2014**  
**LECTURE: 9:00 AM - 10:00 AM**

**ENGINEERING CENTER**  
**ROOM EC 1112**  
**10555 WEST FLAGLER STREET**  
**MIAMI, FL 33174**



### **Abstract:**

Back in 2004, an idea for a medical device was born. The concept was simple. Develop a system that would provide patients who had experienced a stroke, traumatic brain injury or other neurological disorder the opportunity to practice walking safely and effectively. The execution of this ‘simple’ concept was not quite so simple. This seminar will take you on a journey of the birth and evolution of a medical device that is now being used by thousands of patients across the world. Discussions on the engineering challenges, the economic considerations, regulatory requirements, and business pitfalls will all be presented. A roadmap for aspiring medical device entrepreneurs will be outlined with the hope that those who also have ‘simple’ concepts will be successful.

### **Biography:**

Dr. Joseph Hidler received the B.S. degree in Mechanical Engineering from the University of Massachusetts, Amherst, MA in 1994, and the M.S. and PhD. degrees in Biomedical Engineering from Northwestern University, Evanston, IL in 1996 and 2001, respectively. From 2001 – 2009, he was an Associate Professor in the Department of Biomedical Engineering at Catholic University and the Director of the Center for Applied Biomechanics and Rehabilitation Research (CABRR: <http://cabrr.cua.edu>) at the National Rehabilitation Hospital. He is the inventor of the ZeroG Gait and Balance Training system and is currently the CEO of Aretech, LLC, the manufacturer of ZeroG.

**Contact:** [bmeinfo@fiu.edu](mailto:bmeinfo@fiu.edu); 305-348-6717

**Map:** <http://campusmaps.fiu.edu/Engineering Center>