

MAR09-2009-020420

Abstract for an Invited Paper  
for the MAR09 Meeting of  
the American Physical Society

### **Building an R&D Based Company**

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Entrepreneurship is the wellspring of innovation and the ability to seek out opportunities and turn them to profitable businesses. It is also closely associated with desire to succeed with taking risk. According to the U.S. Small Business Administration, entrepreneurs are major contributors to our economy. Entrepreneurs are also major employers, as small businesses generate 60-80 percent of all new jobs annually. It is agreed that small businesses are one of the key engines of economy and growth by contributing to employment creation. In this regard, having your own business is regarded as one of the most respectable pathways to prosperity and fulfillment. While some strike success the first time around, most successful entrepreneurs overcome several hurdles before succeeding. In my talk I will present my experience in starting my technology based company, "Blue Wave Semiconductors, Inc." I will focus on opportunities as well as numerous factors faced as the small technology start-up including finance, access to Small Business Innovation Research (SBIR), identifying market, managerial skills, team and infrastructure development. Also, I will highlight some of the important factors such as perseverance, independence, ingenuity, confidence and the determination to overcome barriers for eventual success. If you are sitting on a great idea that can possibly create a good technology business and you don't know where to start, then this talk will be helpful for getting your dream closer and resolving your risk factors for great rewards.