

Abstract Submitted  
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**The Physics Entrepreneurship Program - 11 Years of Teaching and Practicing Innovation and Entrepreneurship to Graduate Students and Beyond** EDWARD CANER, Case Western Reserve University — The Physics Entrepreneurship Program (PEP) at Case Western Reserve University is a MS in Physics, Entrepreneurship Track that teaches physics, business, and innovation. PEP admitted its first class in 2000 with the original goal of empowering physicists to be successful entrepreneurs. Since Y2K, much has happened in the world's economies and markets, and we have shifted our goals to include a strong innovation component. For instance, our metrics have changed from “companies created” to “capital raised by our students” (i.e., grants and investment in innovation), which allows our students to participate in an apprentice-type relationship with a more experienced entrepreneur before venturing out on their own (which could take many years before they are ready). We will describe the program, how we teach innovation, student and alumni activities and how difficult it is to operate a sustainable graduate program in this arena.

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