

Abstract Submitted
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Tinker, Thinker, Maker and CEO: Reimagining the Physics Student as Engineer, Inventor, and Entrepreneur CRYSTAL BAILEY, American Physical Society APS — We live in an era of immense opportunity for physics graduates: their scientific training helps to make them key members of industry teams developing new technologies, or translating cutting-edge research into viable products. Physics as a discipline stands to make tremendous gains by implementing new educational approaches which provide training for success in what is increasingly the largest employment base for physicists: the private sector. In this talk, I will examine the role of physicist as innovator and how this role intersects with other similar STEM disciplines (such as engineering), and provide some insight into how implementing physics innovation and entrepreneurship (PIE) education will benefit both physics departments and the students they serve, regardless of students' eventual career choices. I will also talk about some exciting new PIE related developments in the physics community, and provide information about how educators can get involved in this growing movement.

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