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Beyond the Rose-Colored Binoculars: How to Launch a Successful Physics Career in the 21st Century CRYSTAL BAILEY, American Physical Society

Physics degree holders are among the most employable in the world, often doingeverything from managing a research lab at a multi-million dollar corporation, to developing solutions to global problems in theirown small startups. Employers know that with a physicstraining, a potential hire has acquired a broad problem-solving skill setthat translates to almost any environment, as well as an ability to beself- guided and -motivated so that they can learn whatever skills are needed to successfully achieve their goals. Therefore it's no surprise that the majority of physics graduates find employment in private sector, industrial settings. Yet at the same time, only about 25% of graduating PhDs will take a permanent faculty position—yet academic careers are usually the only track to which students are exposed while earning their degrees. In this talk, I will explore less-familiar (but more common!) career pathsfor physics graduates, and provide resources to help faculty mentors give their students better information and training for a broader scope of career possibilities.