

Abstract Submitted  
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**Authentic involving selfie and blog-able smartphone physics experiences** A. E. TABOR-MORRIS, Georgian Court University, Lakewood, NJ — One of the highest ratings for an experience for Generation Z, also called the iGeneration and considered digital natives, having had unlimited access to smartphone and computer communication technology often since elementary school, is one that they want to take selfies doing and/or blog about on social media. Physics teachers long have sought to get students interested in physics by connecting the study of physics in the class and laboratory to everyday life. To this new generation, everyday life can include authenticating an experience by reporting it online. Not to say all physics can or should be taught this way, but the questions here are: do we as teachers want to facilitate social media sharing and if so how can we? Several examples of simple inexpensive involving in-class and/or take-home projects are given. These include experiments framing projectile motion, static electricity, and lenses of which students can take pictures with their smartphones, with students themselves in the frame, to facilitate them to actively participate in the physics they are photographing and encourage them to build a meaningful portfolio of their experiences with force and energy.

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