

Abstract Submitted  
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**How to do Physics Outreach during the COVID Pandemic<sup>1</sup>**

DAN FAUNI, KEERAN RAMANATHAN, RYAN HESS, STEVEN SIMPKINS, MATTHEW BECKER, ROBERTO RAMOS, University of the Sciences — The COVID pandemic has thrown cold water over many face-to-face events, including educational outreach in physics. I report on an educational physics outreach which our student chapter of the Society of Physics Students did to engage high school students. Communicating via Zoom and using primarily household materials such as garden hoses, vegetable oil, toy tops, laser pointers, we performed physics demonstrations of principles in hydrostatics, optics, and even made home-made lava lamps to an audience of high school students. I discuss the challenges of doing virtual outreach and outline suggestions and examples of delivering compelling physics outreach in effective but safe ways during this pandemic.

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