

Abstract Submitted  
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**Distance Learning Resources for Physics from the STEMcoding Project**<sup>1</sup> CHRIS ORBAN, Ohio State Univ - Columbus — The sudden shift to distance learning in 2020 led instructors to re-think and re-evaluate what a typical high school or early college physics class looks like. Prior to 2020 there were many compelling reasons to integrate computation into these courses and the necessities of distance learning led many teachers to take the leap and move in this direction. The STEMcoding project began in 2017 with a grant from AIP to help teachers make this transition and to create a number of high quality youtube videos featuring women and underrepresented groups integrating computation into physics in a fun, often video game themed way. In this talk I will describe the summer professional development we did in 2020 and are planning to do in 2021 and outline the resources we developed to better equip teachers to manage the distance learning crisis. Two of these teachers are in the Houston, Texas area.

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Chris Orban  
Ohio State Univ - Columbus

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