1145-34-60   **Chris McCarthy*** (`cmccarthy@bmcc.cuny.edu`), BMCC CUNY, Dept. of Math, 199 Chambers Street, New York, NY 10007. *Virtual Experiments and Differential Equations Models.*

In this context, "virtual experiments" are videos or photos of an actual physical experiment, or a computer simulation, from which data can be culled, and which can be modeled using differential equations. I will discuss examples of virtual experiments, some created by students. I will discuss their production, usage, and their dissemination online on the City University of New York's (CUNY) Academic Commons, as part of an Open Educational Resources (OER) initiative funded by CUNY and the NYS Dept of Education. (Received July 15, 2018)