

Abstract Submitted
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The Fluid Dynamics Demo Kit: Part II PATRICK UNDERHILL, HANNAH FIX, Rensselaer Polytechnic Institute, TIMOTHY HAINES, University of Washington, KATHY PRESTRIDGE, Los Alamos National Laboratory, KAREN FLACK, United States Naval Academy — This talk will focus on the current contents and efforts building a fluid dynamics demonstration/experiment kit through the APS-DFD Mentoring and Outreach Committee and with funding from the APS DFD. The current experiments include predicting how far the water from a water gun will go, predicting how long a Heron's fountain will run, measuring the viscosity of corn syrup by measuring terminal velocity, and measuring the flow rate through a siphon. We will discuss the testing and development of these experiments and the results of field testing. Ideas for future experiments will also be discussed.

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