

Abstract Submitted  
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**Establishing a Physics mentoring Program for a Philadelphia Middle School**<sup>1</sup> J.T. MLACK, Drexel University, A. WILSON, Cambridge University/Drexel University, W. HARRIS, A. WHITE, Drexel University, S.S. MEHTA, V. RAMDASS, Drexel University — Our SPS chapter has established a regular physics mentoring program at Independence Charter Middle School located in Philadelphia, PA. Members visit the school on a bi-weekly basis and perform 1-2 hour, inquiry-based lecture demonstrations of physics phenomena that integrate with the science lessons of middle school students. At the end of the school year, a capstone activity in the form of a Rube Goldberg competition among the middle school students was held on the Drexel campus with Drexel faculty and graduate students participating as judges.

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