

Abstract Submitted
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Impact of Teacher and Student Involvement on Furthering Research Goals¹ DEBORAH ROUDEBUSH, West Springfield High School, KENNETH MCFARLANE, Hampton University, LIPSS COLLABORATION — Hampton University's Center for Particle Physics (CPP) has a long history of successful utilization of the contributions of both high school classroom teachers and undergraduate students in furthering research goals. This talk will focus on the significant contributions that Roudebush made to the construction of the TRT for the ATLAS detector at CERN as a Lead Teacher for the Hampton University Center of the QuarkNet program. Roudebush most recently developed simulations for proof of concept with the LIPSS project under the auspices of the Research Experiences for Teachers (RET) program at Hampton University. Important contributions made by students will also be highlighted.

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