

Abstract Submitted
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Physics Teacher Quality Grants: Improving Teachers' Content Pedagogy through University-School District Synergetic Activities MILIJANA SUSKAVCEVIC, OLGA KOSHELEVA, LAURA SERPA, BRIAN GIZA, UTEP — A shortage in number and qualifications of high school physics teachers is heavily pronounced at the local, state, and national level. To address the issue locally, we established an integrated cross disciplinary professional development program with a sequence of courses, institutes, and workshops for 20 middle and high school in-service physics teachers. The multifaceted nature of the project offers opportunity for deepening teachers' content pedagogy in physics, math, and geology. Several important aspects of the project and its' expected outcomes will be shared with the session participants. Additionally, opportunities for requesting funding from the THECB through the Teacher Quality Grant Program will be discussed.

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