

Abstract Submitted
for the APR09 Meeting of
The American Physical Society

College Ready: A \$7M NSF MSP project to prepare pre- and in-service teachers¹ GAY STEWART, JOHN STEWART, University of Arkansas, Fayetteville — The College Ready in Mathematics and Physics Partnership is comprised of 38 school districts, UA Fort Smith, and UA, Fayetteville, which will serve as the lead among these core partners, with supporting partners AAPT, APS, College Board, Mathematical Association of America, Maplesoft, and Northwest Arkansas Community College. College Ready will build vertical and horizontal learning communities among school and college faculty in order to improve major articulation issues that impact the successful transition of students from high school to college, targeting physics. College Ready will achieve these ends through a series of interconnected activities including vertical alignment of high school and college expectations, intensive content driven workshops, articulation conferences, university course revisions, the creation of professional learning communities, and the opportunity for teachers to earn advanced degrees and endorsements. It builds on and looks to establish synergy between established efforts of PhysTEC and PMET.

¹NSF-DUE 0832091

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Date submitted: 12 Jan 2009

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