

Abstract for an Invited Paper
for the NES11 Meeting of
The American Physical Society

Exceptional Science Teaching

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What kind of teaching is indicative of an exceptional practice? In this secondary science teacher workshop, participants will explore and consider an array of standards based instructional strategies designed to foster specific types of student learning outcomes. Using a backward design approach, first the goals of science learning will be identified and then the best strategies for achieving those goals will be described. Finally, policies and practices that promote (or stifle) exceptional science teaching will be discussed. Specific examples of classroom teaching will be shared throughout to illustrate the concepts addressed.