

Abstract Submitted  
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***Periscope: Looking into learning in best-practices physics classrooms*** STAMATIS VOKOS, RACHEL SCHERR, Seattle Pacific Univ — *Periscope* is a set of instructional materials designed to support university physics instructors – including teaching assistants, learning assistants, and faculty – in learning to notice and interpret classroom events the way an accomplished teacher does. *Periscope* is organized into short lessons that highlight significant questions in the teaching and learning of physics, such as “How do I bring out students’ physics ideas?” and “Does it matter if students are unhappy in my class?” Lessons are centered on captioned video episodes of introductory physics students in best-practices classrooms. By watching and discussing authentic teaching events, instructors enrich their experience with noticing and interpreting student behavior and practice applying lessons learned about teaching to actual teaching situations. *Periscope* also gives instructors a view of other institutions’ transformed courses, which can support and expand the instructors’ vision of their own instructional improvement and support the transfer of course developments among faculty. *Periscope* materials are free to educators.

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