

**FA12: 10:20-10:30 a.m. Assessment of Evidence-based
Physics Instruction***

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A primary challenge for physics educators for over 100 years has been how best to assess the level of students' achievement of instructors' learning goals. There has been a gradual evolution of thinking and much research has been done, but there is still only limited consensus on optimum methods for evaluating learning of physics. I will discuss some of the approaches that have been taken to address key issues such as multiple learning goals, logistical and practical constraints, and the complexity of students' mental models.

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