

SE&T Colloquium Series-Fall 2013

Speaker	Dr. Christopher Nakamura Department of Physics
Title	<i>Discipline-Based Education Research: A Scientific Perspective on Learning Science</i>
Abstract	<p>Over the last fifty years researchers and teachers in physics have increasingly engaged in research activities centered on understanding how students learn or do not learn physics. This has resulted in a gradual shift for a growing number of physics teachers from a "folk-wisdom" perspective on teaching to a more scientific one. Similar research efforts are taking place in Biology, Chemistry, Mathematics and Engineering. The results of these efforts represent a powerful set of tools for reforming, refining and advancing our teaching practices as well as our curricula. In accordance with this power, discipline-based education research has increasingly drawn the attention of federal funding agencies and government regulating bodies. In this talk I will discuss key ideas that are relevant to and/or emerged from the physics education research community with connections to other disciplines highlighted where appropriate.</p>
Date	Tuesday, November 5
Time	4:10-5:00pm
Place	Pioneer 240
	Refreshments will be served at 4:00pm.