

Abstract Submitted
for the NEF06 Meeting of
The American Physical Society

Is a University an Appropriate Venue to Motivate, Teach and Explore Cross-disciplinary Concepts that Impact Native American and other World-views, by Means of Applied Physics? ROGER MCLEOD, Univ. Mass. Lowell — Students easily comprehend that pairs of eye muscles, operating in opposition, can be stimulated excessively by educational visual stresses. Then, physiological equivalents of Hookes law apply, and the visual system is usually significantly impaired. Awareness of Native Americans, and other cultures, likely capabilities can be used to gain possible insight into natural phenomena, if it is verifiable that such cultures may have been using awareness of natural phenomena that enable them to do things like predicting earthquakes, tornados and hurricanes, among other events. This is usually described in ways that can mask the actual applied physics import of what is actually being accomplished. Much of the information is masked so successfully that the majority culture is unaware that science may be going on, hidden by a mask of cultural veneer.

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Date submitted: 04 Oct 2006

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