Abstract Submitted for the NWS12 Meeting of The American Physical Society

The Quantum Gunslinger: A Gedanken Experiment MICHAEL DEVINE, None — Presented is the Quantum Gunslinger, a gedanken experiment that explores, in a purely classical setting, the assumptions and conclusions of John Bell's seminal paper "On the Einstein Podolsky Rosen Paradox." The Quantum Gunslinger can be easily implemented as a carnival game. If a player's score violates a CHSH inequality, then the player wins a beable. If the player's score violates a Leggett Inequality, then the player wins a large ball wound from surplus string. Find out why the game operator will either quickly go out of business for giving away prizes too easily, or be forced out of business on charges of fraud.

Michael Devine None

Date submitted: 17 Sep 2012

Electronic form version 1.4