1106-65-402   **Michelle Craddock Guinn*** (`michelle.guinn@belmont.edu`), 1900 Belmont Blvd, Nashville, TN 37212. *Algorithm to Enhance Stereoscopic Imagery.* Preliminary report.

The objective of my research is to design an algorithm to present enhanced stereoscopic imagery that is adapted to the viewing distance of the observer, with seamless transitions among stereo and hyperstereo levels. I will design an algorithm that use the image smoothing techniques to provide this enhancement. The research will improve images that Soldiers can use to perform several tasks and can potentially provided better situational awareness. (Received August 27, 2014)