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TransLumen Technologies receives BAA Contract

(Chicago, IL) – The U.S. Office of Naval Research (ONR), based in Arlington, VA, has awarded TransLumen Technologies, LLC (TTL) a Broad Agency Announcement (BAA) contract to conduct applied research on Adaptive Perceptual Training. A BAA is a process used by federal government agencies to contract for basic and applied research only when a proposal response is expected to provide varying technical/scientific approaches.

TransLumen, a Chicago-based visual display technology company will develop and assess perceptual screening and training tools to improve the ability to detect threats in combat environments. According to TransLumen founder and Chief Technology Officer Doug Siefken, “the ability to quickly and accurately identify Improvised Explosive Devices, snipers, and spotters is essential, considering makeshift explosives accounted for 80 percent of the Americans who died in combat in 2007. Technologies such our Subthreshold Extreme Gradual Change (STEGC) concepts are being explored as a means to help train soldiers to identify such threats in this environment.” STEGC involves imperceptibly, but gradually changing a graphic object at the fastest rate possible.

Carol Sherman, TTL President added, “ we hope that perceptual trainers that use STEGC will help our soldiers more accurately and quickly identify subtle changes in the environment that might imply a threat is present. Our ONR research project is designed to assess whether participants trained to identify threats with STEGC imagery outperform participants who are trained with traditional pop-up imagery.”

The first phase of the contract will be completed by the end of September 2009. Sherman expects that the research will result in further perceptual training work for TransLumen that can be adapted for homeland security and local law enforcement. Siefken said, “with the proliferation of video cameras, data gauges and monitors used in criminal surveillance, area monitoring and command control centers, perceptual training will grow far beyond the needs of the military.”

ABOUT TRANSLUMEN

TTL is a Service Disabled Veteran Owned Small Business (SDVOSB) that creates visual display technologies for software, firmware and content based on U.S. Patents **#6,433,839** and **#6,580,466**. For more information, go to www.translumen.net.

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