

Research in Human Performance

Dr. Steve Kornguth
Institute for Advanced Technology
Austin, TX

Cadet Brian A. Bishop
United States Military Academy
West Point, New York

ABSTRACT:

The University of Texas at Austin has a proposal pending with the Army Research Office that addresses sustaining and enhancing High Optempo Performance of soldiers in a transforming army. COL Ness, USMA, is co-investigator on this effort. The study addresses how we can develop a highly effective networked broadband with bidirectional interaction between interfaces in the networked system and operators. To this end, the physiological state of the operator and structural characteristics of the displays were explored. This research did support ongoing research at the Army Research labs.

KEYWORDS: Cluster model, evoke potentials, optempo performance

CONTACT: Dr. Steve Kornguth, Institute for Advanced Technology, Biological and Chemical Defense, Austin, TX, Tel: (512) 471-9060, Email: Steve_Kornguth@iat.utexas.edu

CDT Brian A. Bishop, United States Military Academy, West Point, NY, Tel: (845) 515-4946, Email: Brian.Bishop@usma.edu