

Thursday, March 19, 2009

4:00 pm

in Room 303 MAE-A

Technological Challenges for US Military Warfighters' Protection

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Abstract

Program Executive Office (PEO) Soldier's mission is to develop, produce, field, and sustain everything that Soldier wears, carries, and operates. PEO-Soldier is focused directly and exclusively on the Soldier – to increase combat effectiveness, to deliver products that save Soldiers' lives, and to improve Soldiers' quality of life. The Army continuously develops new technologies and provides the best of the world protective gear to our warfighters. The technological challenges, future needs and directions for research and development on personal protection will be discussed in general.

Biography



Dr. James Zheng is the US Army's Chief Scientist, Project Manager - Soldier Equipment, Program Executive Office - Soldier. Prior to joining the Army in 2001, he was a faculty member at Michigan Molecular Institute/Michigan State University.

Dr. Zheng obtained his Bachelor's degree in Analytical Chemistry and Master's Degree in Solid State Physics from the University of Science and Technology of China. He earned his Ph.D. degree in Physical Chemistry from Purdue University in 1991.

Dr. Zheng holds three patents and published more than 30 scientific papers.

Dr. Zheng was the recipient of the Army's Greatest Invention Award in 2002 for developing the current DOD standard body armor system – The Interceptor Multiple Threat Body Armor. He received the US Army "Superior Civilian Service Medal" Award in 2008 for "exceptional meritorious and superior technical achievement".



Refreshments served in 303 MAE-A beginning at 3:50 pm