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Nuclear Medical Science Officers: Army Health Physicists Serving and Defending Their Country Around the Globe MARK MELANSON, Army Medical Department, WILLIAM BOSLEY, JODI SANTIAGO, DANIEL HAMILTON, Army Public Health Command — Tracing their distinguished history back to the Manhattan Project that developed the world's first atomic bomb, the Nuclear Medical Science Officers are the Army's experts on radiation and its health effects. Serving around the globe, these commissioned Army officers serve as military health physicists that ensure the protection of Soldiers and those they defend against all sources of radiation, military and civilian. This poster will highlight the various roles and responsibilities that Nuclear Medical Science Officers fill in defense of the Nation. Areas where these officers serve include medical health physics, deployment health physics, homeland defense, emergency response, radiation dosimetry, radiation research and training, along with support to the Army's corporate radiation safety program and international collaborations. The poster will also share some of the unique military sources of radiation such as depleted uranium, which is used as an anti-armor munition and in armor plating because of its unique metallurgic properties.

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