

## **Biography of Dr. James Doyle**

James E. Doyle was a specialist in the Nuclear Nonproliferation Division at Los Alamos National Laboratory from 1997 to July 2014. His professional focus is on systems analysis, strategic planning and policy development. Dr. Doyle holds a PhD in International Security Studies from the University of Virginia. At Los Alamos he managed projects with Russia's nuclear weapons institutes on the joint development of technologies and procedures for verifying the dismantlement and storage of nuclear warheads and fissile materials. He has been focusing on this topic again, speaking and publishing on the prospects for another round of U.S.-Russian nuclear arms reductions following the New START Treaty.

Dr. Doyle has also focused on defining educational requirements for nuclear security specialists and developing university training courses in this area. He was the coordinator for Los Alamos activities related to the Human Capital Development project of the National Nuclear Security Administration's Next Generation Safeguards Initiative. His edited Textbook "Nuclear Safeguards, Security and Nonproliferation: Achieving Security with Technology and Policy," is in use at many university departments focusing on the integration of technical and policy issues in the field of nuclear security. Dr. Doyle designed and directed introductory nuclear safeguards and security courses for students and technical staff at Los Alamos 2008-2010. Lectures from this series of courses have been selected by the International Atomic Energy Agency to be featured on a safeguards knowledge platform available to all member states. Dr. Doyle's articles on nuclear security issues have appeared in *Defense News*, *Science and Global Security*, *Nonproliferation Review*, *Arms Control Today*, *Comparative Strategy*, *Strategic Review* and "Abolishing Nuclear Weapons: A Debate," by James Acton and George Perkovich.