

PASCC

Research in Progress

FY19

NUCLEAR SECURITY STRATEGIC DIALOGUE

Performer: Pennsylvania State University

Project Lead: Scott Gartner

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ABSTRACT:

We seek to combat WMD proliferation by facilitating the acquisition of nuclear security methods by nuclear capable countries that have minimal security protocols. Our multidisciplinary approach brings experts on nuclear security together with stakeholders from both countries commencing nuclear capacity fabrication (and thus without security protocols) and those countries that recently developed nuclear capacity and security protocols. Our goal is to produce policies that are both State-of-the-Art and viable for developing countries to acquire. These ideas would be shared at a week-long workshop in Washington DC and distributed as an edited book and a video. Unique to our approach is the collaboration between the Penn State School of International Affairs and the Radiation Science and Engineering Center at Penn State University, home of the Penn State Breazeale Reactor and Penn State Nuclear Security Teaching Center. The proposed project has five key elements:

- I. Four Strategic Dialogue Pairings
- II. Strategic Dialogue Workshop at Penn State
- III. Nuclear Materials Security Workshop in Washington DC.
- IV. Production of a video on Best Practices and Approaches to Nuclear Security
- V. Publication of a book on State-of-the-Art Approaches to Nuclear Security Science and Policy.

Research in Progress describes ongoing PASCC research. For more information please contact INSS@usafa.edu.