

United States Department of Energy

# Secretary's Achievement Award

Presented to

*The Office of Science's Daya Bay Reactor  
Neutrino Detector Project*

The Daya Bay project team successfully delivered an antineutrino detection system to better understand the behaviors of neutrinos. The project, located at a nuclear reactor complex in Daya Bay, China, overcame management challenges associated with working in a multicultural collaboration at a foreign location to successfully deliver the U.S. contributions. The \$35.5 million project provided approximately half of the experimental equipment needed by the international collaboration. After only two months of initial operation, the experiment was able to publish the first precision measurement of the neutrino mixing parameter. The project's discovery was selected by Science Magazine as a "Top 10 Breakthrough of 2012". This achievement would not have been possible without the keen insight, dedication, and professionalism of the United States Daya Bay project team.



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Daniel B. Poneman  
Acting Secretary of Energy

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