

# Mound Science and Energy Museum Association

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## THE MANHATTAN PROJECT: AMERICA'S LARGEST WWII ENGINEERING PROJECT

Presented by Robert J. Mergel

Wednesday November 20, 2024

7:00 pm

Mound Cold War Discovery Center, 1075 Mound Road, Miamisburg, OH 45342



**SUMMARY:** This presentation explores the research, science and engineering conducted by the USA, Great Britain, Canada, Germany, Japan and Soviet Union prior to and during World War II to develop nuclear weapons. Included is the effort to produce fissionable materials (i.e., Uranium and Plutonium) in sufficient quantities for use in an operational weapon. It also focusses on the scientists and engineers engaged in the research, and production of these weapons. Lastly, it includes America's efforts to develop a delivery system; complete the mission and the resulting aftermath.

**BIOGRAPHY:** Robert (Bob) Mergel taught Civil Engineering Technology and surveying courses at Columbus State Community College and the Ohio State University College until his retirement in 2018. He holds a BS in Civil Engineering from Ohio State University (1972), MSE from the Ohio University (1990) and a MS in Geodetic Science and Surveying from Ohio State University (2002). Since 2006, he has made first person and third person presentations on subjects from the Civil War, Spanish-American War and World War II at numerous local and national venues.



For additional details on this presentation call 937-353-4457. The presentation is free and open to the public and has ample free parking.