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United States strategic metals during World War II

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During World War II, the United States fought a full scale war with an enormous industrial base. In addition to metals traditionally associated with the military like iron, nickel, copper and tin, the rapid pace of technology elevated the importance of other metals that had not seen much or any use in previous wars. These included aluminum and uranium. This talk will consist of an overview of the procurement and use of these strategic metals by Allied forces during the war.

Biography

Charles Ross is Professor of Physics and Dean of the Cook-Cole College of Arts and Sciences at Longwood University in Farmville. His study of science and technology in the US Civil War has led to appearances on The History Channel, PBS, the National Geographic Channel and National Public Radio and his work has been featured in US News and World Report, Science, Discover and many other media outlets. He has written three books on the subject: Trial by Fire: Science, Technology and the Civil War; Civil War Acoustic Shadows; Never for Want of Powder: The Confederate Powder Works. In 1999, he was retained as a consultant by the FBI and LAPD in the homicide case of a LAPD officer that involved unusual acoustics.

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