



UAA Professional Development Seminar Series



Star Regulus and the Triumphant Chariot of Antimony

Presented by Dr. Corby G. Anderson

ABSTRACT: Antimony is a well studied Critical Material that now finds an extreme Western World supply issue. Alaska has historically been a timely supplier of antimony and projects to do so again. This presentation will focus on

the amazing history of antimony along with its applications, supply/demand challenges and how it can once again be processed in the Western World.

BIO: Dr. Corby G. Anderson is a Licensed Professional Chemical Engineer with over 45 years of global experience in industrial operations, corporate level management, engineering, design, consulting, teaching, research, and professional service. He is a native of Butte, America. His career includes positions with Thiokol Chemical Corporation, Key Tronic Corporation, Sunshine Mining and Refining Company, H. A. Simons Ltd. and at CAMP-Montana Tech. He holds a BSc in Chemical Engineering from Montana State University and an MSc from Montana Tech in Metallurgical Engineering and PhD from the University of Idaho in Mining Engineering - Metallurgy. He is a Fellow of both the Institution of Chemical Engineers and of the Institute of Materials, Minerals and Mining. He has directed or co-directed over 45 Graduate students. He shares 19 international patents and a new patent application covering several innovative technologies, 6 of which were successfully reduced to industrial practice with 6 licensed. He currently Directs the Kroll Institute for Extractive Metallurgy serves as the Harrison Western as part of the Mining Engineering at the Colorado School of Mines. He is also the CSM Director for the Center for Resource Recovery and Recycling. In 2009 he was honored by the Society for Mining Metallurgy and Exploration with the Milton E. Wadsworth Extractive Metallurgy Award for his contributions in hydrometallurgical research. In 2015 he was awarded the International Precious Metals Institute's Tanaka Distinguished Achievement Award. In 2016 he received the Distinguished Member Award from the Society for Mining, Metallurgy and Exploration, and became a Distinguished Member of the U of Idaho Academy of Engineering. In 2017 he received the EPD Distinguished Lecturer Award from The Minerals, Metals and Materials Society. In 2019 he was named as a Henry Krumb Distinguished SME Lecturer. In 2019 he was also appointed and serves now as a Visiting Faculty within the Minerals Engineering Department of Central South University in China, the largest program of Mineral Processing and Extractive Metallurgy in the world. In both 2016 and in 2021 he received an Outstanding Faculty Award from the Colorado School of Mines. He was also elected in 2021 to the Sigma Xi Scientific Research Honor Society. In 2022 he received the TMS EPD Distinguished Service Award for his career contributions. Recently, Stanford University listed him in their Top 2% Scientists Worldwide University Rankings. Finally, in 2022 he and his co-authors received the SME Taggart Award for a notable contribution to the science of mineral processing.

Friday, April 10, 2026

11:45 am - 12:45 pm

EIB 211 or Online Via [YouTube Live](#)