

Explosives education and research opportunities at Missouri S&T

Dr. Kwame Awuah-Offei

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**Chemistry
Seminar on
Explosive
Research in
Missouri S&T**

4:00 p.m.

Monday

Sept 13 in G3

Schrenk Hall

also live via

Via Zoom

**Please contact Dr.
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for the zoom link.**

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Abstract: Missouri S&T has a long history of education and research relating to explosives and energetic materials. Our explosives engineering MS and PhD programs are unique in the US and offer a variety of courses and research opportunities for students and faculty. The current research initiatives include traumatic brain injury, mine safety, structural response, and industrial and other applications of explosives. This presentation provides an overview of the educational and research opportunities available through the Explosives Engineering program. The presentation emphasizes the role chemistry can play in advancing S&T's research and educational mission in energetic materials and explosives.

About the speaker: Dr. Kwame Awuah-Offei is currently the Union Pacific/Rocky Mountain Energy Professor in Mining Engineering and interim program director of Mining & Explosives Engineering at Missouri University of Science and Technology (S&T). He holds a PhD degree in mining engineering from University of Missouri-Rolla (UMR), now S&T. He has over 19 years of research, teaching and industry experience, and his research interests include modeling and optimization of mining systems, and design and management of sustainable mining systems. Dr. Awuah-Offei is an active member of the Society of Mining, Metallurgy and Exploration (SME), member of the Society of Mining Professors, and fellow of the West African Institute of Mining, Metallurgy & Petroleum (WAIMM). He has served as the mining engineering academic fellow at the US Securities & Exchange Commission (2015-2016), Carnegie African Diaspora Fellow (2017), and SME Henry Krumb lecturer (2019-2021).