

CURRICULUM VITAE

PERSONAL DETAILS

Full name:	Richmond Komla Asamoah	Title: Dr
Current position:	Senior Research Fellow	
Telephone:	08 8302 3410	
Postal address:	Future Industries Institute University of South Australia Mawson Lakes, 5095 South Australia	
Email address:	richmond.asamoah@unisa.edu.au	

ACADEMIC QUALIFICATIONS

Qualification	Institution	Year
PhD Engineering (Minerals and Resources)	University of South Australia, Australia	2014 - 2018
BSc Mineral Engineering	University of Mines and Technology, Ghana	2008 - 2012

EMPLOYMENT HISTORY

Current Appointment

Year	Position	Organisation
2018 - 2023	Senior Research Fellow	University of South Australia, Australia

Previous Appointment

Year	Position	Organisation
2018 - 2023	Postdoctoral Research Fellow	University of South Australia, Australia
2016 - 2017	Technical Officer - Senior Technical Officer	University of South Australia, Australia
2013 - 2014	Research Associate	Process Innovations, Ghana

TEACHING AND RESEARCH

Current Teaching and Moderation Areas

Natural Resource Management, Engineering Capstone Experience A and B; Process Thermodynamics; Transport Phenomena; Process Plant Design and Economics; and Mineral Processing

Research Interests

Have attracted over cash research funding of over 3.2M. Key research areas include below:
Resources Engineering/ Extractive Metallurgy (Hydrometallurgy and Minerals Processing); Environmental Science (ESG); Particle Technology; Data Analytics, Machine Learning and Optimisation; Ore Mineralogy and Characterisation Techniques

CONTINUING ACADEMIC/PROFESSIONAL ENGAGEMENT

Awards, Honours, Recognition

Year	Prizes, Awards, Honours, Recognition
2022	Honourable Mention Early Career Researcher, STEM/FII Awards Celebrating Success, University of South Australia
2020	Vice Chancellor's Awards for Professional Staff Excellence – Industry and Community Engagement, University of South Australia. Excellence in industry engagement as part of the South Australian State Government sponsored Future Industries Accelerator
2019	Early Career Researcher Development Program, Appointed Member of 2019 Cohort, University of South Australia. Full-year sponsorship for research career coaching and developing training
2018	Outstanding Contribution in Reviewing, Powder Technology
2015	Best Poster Presentation, 2 nd International Mining and Resources Conference (IMARC)
2015	Best Three Minutes Thesis Presentation (people choice and competition winner), Ian Wark Research Institute, UniSA.

PUBLICATIONS

Publications Summary: Total refereed outputs 107; including journal articles and conference papers).

Selected Publications: Full list through [ORCID](#) or [Google Scholar](#)

1.	Asamoah, R. K. , Skinner, W., Addai-Mensah, J., (2018), "Alkaline cyanide leaching of refractory gold flotation concentrates and bio-oxidised products: The effect of process variables", Hydrometallurgy, Vol. 179, pp. 79-93
2.	Owusu, K. B., Karageorgos, J., Greet, C., Zanin, M., Skinner, W., Asamoah, R. K. , (2021), "Predicting mill feed grind characteristics through acoustic measurements", Minerals Engineering, article no. 107099
3.	Asamoah, R. K. , Baawuah, E., Greet, C., Skinner, W., (2021), "Characterisation of metal debris in grinding and flotation circuits", Minerals Engineering, article no. 107074
4.	Amankwaa-Kyeremeh, B., Zhang, J., Zanin, M., Skinner, W., Asamoah, R. K. , (2021), "Feature selection and Gaussian process prediction of rougher copper recovery", Minerals Engineering, article no. 107041
5.	Asamoah, R. K. , (2021), "Specific refractory gold flotation and bio-oxidation products: research overview", Minerals, vol. 11, no. 1, article no. 93
6.	Forson, P., Skinner, W., Asamoah, R. K. , (2021), "Decoupling pyrite and arsenopyrite in flotation using thionocarbamate collector", Powder Technology, vol. 385
7.	Asamoah, R. K. , (2020), "EDTA-enhanced cyanidation of refractory bio-oxidised flotation gold concentrate", Hydrometallurgy, vol. 193, article no. 105312

Have extensive experience in delivery large industry projects.