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School of Mine and Built Environment Department,
University of Energy and Natural Resources (UENR)
 Sunyani - GHANA

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EDUCATION - Degrees

- 2020** **MSc Industrial Finance and Investment**
Kwame Nkrumah University of Science and Technology, Kumasi-GHANA
Thesis: *The Dialectic Relationship Between Exchange Rate Volatility and Gold Price*
- 2010** **MSc Petroleum Geoscience**
University of Ghana, Legon-GHANA
Dissertation: *Paleoenvironment And Palynofacies Studies of The Tano Basin Using Sedimentary Organic Matter from ST-7H Well Data, Offshore Ghana*
- 2004** **BS Earth Science (Geology Major)**
University of Ghana, Legon – GHANA
Dissertation: *The Geology of New Somanya, Akuni, Akorley and Environs*

EDUCATION – Non-Degrees

- 2019** **Certificate** *Local, Economic and Social Development in Extractives*
University of Queensland, Brisbane-AUSTRALIA
Area: *Using the Technological Capacity Building Opportunity for Ghana's Extractive Industry to Create Employment and Improve Health*
- 2017** **Certificate** *Minerals and Energy Economics II*
Australia National University, Canberra-AUSTRALIA
Areas: *Engendering strategic and Comprehensive Mining Policy for Ghana by 2030*
- 2017** **Certificate** *Minerals and Energy Economics I*
University of Pretoria, Pretoria-SOUTH AFRICA
Area: *Impact of Constructing a Gas Plant in GHANA (the Social Cost)*
- 2013** *Professional Development Short Course*
University of Ottawa, Ottawa-CANADA
Physics and Chemistry of Hydrothermal Ore Deposits
- 2013** **Certificate** *Public Relations, Marketing and Advertisement*
Ghana Institute of Journalism – Accra GHANA
Project: *Staying on the right side of the digital divide – 4D and beyond*

1998 Course – Social Psychology
Community College of Philadelphia, Philadelphia-PA

PUBLICATIONS

- 2021** **Bruno Ayaga Kansake, Raymond Kudzawu-D’Pherdd, Harriet Naakai Tetteh, Simon Peter Dagbui and Emmanuel Atta Mends** *Artisanal and Small-Scale Gold Mining in Ghana - Past, Present and Future*. The Mining Spectrum, AMN, ISSN: 2616-1532, 9772616153005 (pages 59 – 62) <http://dx.doi.org/10.13140/RG.2.2.13380.76161>.
- 2020** **Kudzawu-D’Pherdd, Raymond, and Nyantakyi, Kwadwo Agyei** *Forecasting the Price of Gold Using A Systematic GARCH Analysis with Exchange Rate Volatility*. (At Press, Journal of Empirical Finance, Elsevier - submitted in Sept. 2020)
- Kudzawu-D’Pherdd, Raymond** *Mineral Sector Status of Ghana – a Socio-historic Anthology I*, MADI African Times Newsletter, Vol 3, ISSN 2704-94660
- Kudzawu-D’Pherdd, Raymond** *Mineral Sector Status of Ghana – a Socio-historic Anthology II*, Madi African Times Newsletter, Vol 4, ISSN 2704-94660
- 2018** **Lipson, Rael and Kudzawu-D’Pherdd, Raymond** *Gold Deposits of the Birimian and the Tarkwaian in Ghana* (Guidebook Series Vol 57, Society of Economic Geologists-SEG, Colorado-USA)
- Kudzawu-D’Pherdd, Raymond** *Small Scale Mining in Ethiopia and in Ghana: A Comparative Analysis* (The Mining Spectrum-An AMN Bulletin, ISSN 2616-1532, publishers, The Bureau)
- Handbook for Sustainable Small-Scale Gold Mining, Centre for Environmental Impact Analysis (CEIA, French Embassy Accra)
- 2017** **Kudzawu-D’Pherdd, Raymond** *The Bank of Ghana, Securities and Exchanges Commission, and the MenzGold Muddle* (GhIG Newsletter, Vol 1.3Q4, ISSN 2550-3456, publishers, The Bureau)
- Kudzawu-D’Pherdd, Raymond and Ontoyin, Jude Zaud** *Testing the Blockchain Technology in Ghana* (GhIG Newsletter, Vol 1.3Q4, ISSN 2550-3456, publishers, The Bureau)

HONORS AND AWARDS

- 2017** Australia Awards Scholar – DFAT, Crawford School of Public Policy – ANU, Canberra
- 2016** Emerging Leaders in African Mining, ELAM 2016-Diemersfontein -South Africa
- 2004** Smith Award for Best Project, University of Ghana, Department of Geology
- 2003** Best Earth Science Student, University of Ghana-Department of Geology

GRANTS

- 2016** IUGS – Resourcing for Future Generations – *AMN Capacity Building Masterclass in Sustainable and Responsible Small-Scale Mining*. \$4,400
- 2016** Minerals and Energy for Development Alliance (MEfDA) Alumni Regional Study Tour on leading practices in *Sustainable Artisanal Small-Scale Mining*, Africa Region. \$15,000

PROFESSIONAL MEMBERSHIP

- **SEG** – Society of Economic Geologists (Fellow)
- **GhIG** – Ghana Institution of Geoscientists (Member)
- **GSA** – Geological Society of America (Member)
- **PGS** – Philadelphia Geological Society (Member)
- **SME** – Society for Mining, Metallurgy and Exploration (Member)
- **AusIMM** – Australasia Institute of Metallurgy and Minerals (Member)
- **AMN** – Accra Mining Network (Vice President) [Click](#)

CONSULTANCY SERVICES

- 2021-to Date** **GERL** – *Delineating and developing alluvial mine for Tree Mines Global (TMG) in Taki-Bunuland, Kogi State – Nigeria. Also, exploring the hard rock potential.*
- 2020-2021** **NEMAS Consult** – *Community and Stakeholder Engagement in preparation for Mining Activities in Sheini and Oppon Manso for the Ghana Integrated Iron and Steel Development Corporation (GIISDEC)*
- 2020-2020** **World Bank and Government of Ghana Project** - The Ghana artisanal and small-scale mining formalization project (*GASMFP*), *Feasibility Study on Land Reclamation in selected Small-Scale Mining Communities* - Consultant for REALIZE Minerals Limited
- 2019-2019** **University of Queensland** - *Logistics Facilitator (LESDE-ASM Programme-Ghana)* [Click](#).
- 2016-2019** **Resource for Future Generation (UK)** – *Coordinator (Capacity Building Masterclass in sustainable small-scale mining in Ghana, an AMN Collaboration)* [Click](#)
- 2016-2018** **Society for Economic Geologist** – *Local Organizing Team Lead SEG Foundation Student Field Trip 17 to Ghana,* [Click](#)
- 2015-2018** **Australia High Commission to Ghana** - *Social Intervention in mining communities; DAP Projects Coordinator* [Click](#)
- 2015 to Date** **Women-In-Mining Ghana** – *Consulting Manager generating project ideas and ad-hoc administration assistance*

EMPLOYMENT SUMMARY

2021 to date

UNIVERSITY OF ENERGY AND NATURAL RESOURCES-UENR

Title: Assistant Lecturer – *School of Mines and Built Environment*

Planning and developing academic Programmes, and establishing centres;

- School of Urban Mining
- School of Development Mineral and Applied Geology
- Transformative Dialogue on Small Scale Mining in Ghana-An Augmented Step
- African Centre for Sustainable Socio-Economic Development with the Extractives
- Africa Mining Hall of Fame

2020 to date

MINERALS AFRICA DEVELOPMENT INSTITUTE-MADI

Title: Head - *Industry Value Addition, ASM, Women & Youth, and Blue Economy*

- Providing leadership and direction on the discourse of artisanal and small mining in Africa
- Promoting the generation of linkages in the ASM sector on the continent
- Promoting gender mainstreaming and social economic development
- Championing Value Addition in the value chain

2013 to Date;

GEOGAMUT GHANA LTD

Title: CONSULTING MANAGER – BUSINESS DEVELOPMENT

- Providing technical advice to clientele in planning, monitoring and evaluation of project, using due diligence through field visits and data review
- Providing services also in prefeasibility studies, asset transfer and documentation, project supervision, project management, budgeting, staff training, mentoring, mapping, structural analysis, GIS and technical reporting
- Clientele: GERL-TMG, Golden Star Resources, Kingsperp, Goldfields -Tarkwa

2011 to 2013

GOLD FIELDS

Title: SENIOR EXPLORATION GEOLOGIST

- **DAMANG:** Trained mine geologist and assisted in the generation of SOP, Mine Call Factor reconciliation techniques, grade control and dilution strategies in capturing geology in grade control models and on flitch plans
- **BOAKO:** Co-managed the Boako Project with systematic exploration protocols with a multicultural and an international exploration team, from soil sampling, lithostructural mapping, trenching, auger, to RCD drilling. Was also responsible for Community Relations and Crop Compensation disbursement
- **ASHEBA:** Assisted in the planning and design of a \$3M exploration program and successfully increased the limits of mineralization by further Drilling, Trench excavation, and geological mapping: introduced periodic safety meeting and progress debriefing. Managed Contractors. Trained new geologists. Community Relations and Crop Compensation

2010 to 2011

SAHARA NATURAL RESOURCES

Title: CONSULTING GEOLOGIST

- Burkina Faso -BATIE: Managed drilling programme for AMPELIA on the *Mabera and Gbingbina* Prospects in Auger Geochemical sample and in Drill Core logging.
- Also offered hands on training to new geologists who were then deployed to manage other projects in other countries

2007 to 2010

COFFEY INTERNATIONAL

Title: PROJECT GEOLOGIST

- **Ghana-VIMETECO:** Supervised a geochemical sampling and auger drilling programmes in ATEWA
Was responsible for daily dataset update and reported to the Chief Geologist
- **Senegal-TRANSAFRIKA:** Assisted in regional geochemistry programme. Supervised sample collection and dispatch, and administered a geological mapping exercise. Was responsible for periodic technical reporting on the Souroumdou Prospect, and demonstrated the ability to work under very extreme condition.
- **Mali-TRANSAFRIKA:** Supervised auger sampling, trench excavation, mapping and RC drilling programmes on the Loulo East tenement. Doubled as camp manager when the need arose
- **Burkina Faso-WEGA MINING (now Avocet):** Supervised an Auger and RAB drilling programme on Belahourou Project - INATA at Tournata, Damba and Koufardie

2005 to 2007

CORSTOR GHANA LTD

Title: GEOLOGIST – BUSINESS ADMINISTRATION

- Was engaged in office administration and warehouse management, logistics and sale of geological and mining accessories. Was responsible for all operational activities, organization and market growth
- Marketed new products from *ZiC Australia* and SAMCHEM to clients using market auditing, and growth strategies in market penetration and market development, product development and diversification

TEACHING AND ACADEMIC EXPERIENCE

2021

University of Energy and Natural Resources, Sunyani-GHANA: Developed the curricula for Urban Mining and Development Minerals programmes at UENR.

2021

AMN Alluvial Mining Field – Coordinator, and also taught *Introduction to Basic Concepts in Minerals and Geology (Alluvial Deposit Controllers) and Exploration.*

2020

University of Energy and Natural Resources, Sunyani-GHANA: Contributed in developing the curricula for Sustainable Mining and Applied Geoscience Programme at UENR

2019

Resource for Future Generation (UK) –Masterclass in sustainable small-scale mining for the Small-Scale Miners of Prestea, Ghana.

- 2012** **Goldfields, Damang-GHANA:** Mine Call Factor reconciliation techniques, grade control and dilution strategies in capturing geology in grade control models and on flitch plans
- 2011** **Goldfields, Boako GHANA:** Field Techniques in Structural Geology for the Boako Province
- 2010** **Sahara Mining Resources, Batie-BURKINA FASO:** Auger drilling and Auger Project Management for the Project Geologist.

VOLUNTEERING AND VOLUNTARISM

- 2020-till Date** **ACCRA MINING NETWORK - Vice President**
- Driving, supporting and promoting a culture of innovation and idea generation
 - Protecting the quality, integrity and reputation of the organisation
 - Continuously developing an effective and working relationship with all stakeholders
- 2015-2020** **ACCRA MINING NETWORK - General Secretary**
- Continuously developing an effective and working relationship with all stakeholders and managing the relationships with key stakeholders
 - Directing the strategy, development and preparation of short- and long-term plans
- 2017-2019** **GHANA INSTITUTION OF GEOSCIENTISTS: General Secretary**
Responsible for all forms of communication and serving as a first point of call to all members and keeping all records, documents and properties of the Institution.
- 1996-1996** **Free Library of Philadelphia Foundation: Library Assistant**
Documenting and arranging books returned

CONFERENCES, LECTURES, AND PRESENTATIONS

- 2020** MADI Conference on Managing the Artisanal and Small-Scale Mining – ***Integrating ASM in Regional and Global Minerals Value and Supply Chain- What policies do we need?*** [Click](#)
- 2021** Regional Consultative Dialogue on Small - Scale Mining and Deforestation, Tamale-Ghana – ***Represented the Vice Chancellor of the University of Energy and Natural Resources, Prof. Elvis Asare-Bediako on a Panel Discussion, with the theme, Responsible Small-Scale Mining - The Northern Dialogue.*** Chaired by Prof. Emmanuel Arhin of UDS.
- 2021** AusIMM - UMaT Student Chapter Conference on ENGINEERING MINERALS EXTRACTION TOWARDS GHANA'S ECONOMIC GROWTH. Panel Discussion on ***Realigning Academia in the Sustainable Mineral Extraction Agenda, the approach by UENR***

LEADERSHIP TRAINING AND LEADERSHIP ROLES

- 2016** *Regional training on environment, community, health & safety in the neglected development minerals sector (ACP-EU Development Minerals programme implemented in partnership with UNDP)*
- 2012** *Abitibi Field School (Colorado School of Mines/University of Ottawa-Canada)*
- 2008** *Structural Geology Applied to Mineral Deposits (Coffey International In-House Training, Busua-GHANA)*
- 2014** *Leadership Diploma Course (WOFBI - WCI Tema +BCC, LCC)*
- 2020-Date** *Vice President AMN (Accra Mining Network)*
- 2017-2019** *General Secretary GhIG (Ghana Institution of Geoscientists)*
- 2015-2020** *General Secretary AMN (Accra Mining Network)*
- 2003-2004** *President GEOLSA (Geology Students Association UG-Legon, now UGESSA)*
- 1994-1995** *President IAESTE (Int. Assoc. for the Exchange of Students for Technical Experience)*

REFERENCES

- 1. Prof. Thomas Mbe Akabzaa** – Former Head, Earth Science Dept, University of Ghana, Legon & Former Chief Director, Ministry of Energy. *Tel:* +233 24 632 5685, *eMail:* takazaa@gmail.com
Prof. Akabzaa was head of department during my graduate studies at the University of Ghana, Legon.
- 2. Rael Lipson** - Chief Geologist, Goldfields Exploration, Adjunct Faculty Colorado School of Mines, Fellow SEG 1993. *Tel:* +1 720 280 9453, *eMail:* rael.lipson@rdlgeo.com
Dr. Lipson was my supervisor on assignments at the Damang Mine, on the Boako Project and in training geologists when he was the Chief Geologist (Exploration) at Gold Fields International till 2012. I subsequently teamed up with him as Leaders on the SEG STF 17 in 2018.
- 3. Georgette Barnes Sakyi-Addo** – Manager GBL, President of Association of Women in Mining Africa
Tel: +233 (0)244213496, *eMail:* georgette.barnes@gmail.com,
I reported directly to Dr. Mrs. Sakyi-Addo when she was the country manager at Corstor Ghana Limited in 2005 and later in Accra Mining Network in 2015.

/End/ ... Signed

RAYMOND KUDZAWU-D'PHERDD