**Curriculum Vitae**

**Name**: Samuel Erzuah (Mr.)

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| **Telephone**: |  | +47 46726864 (Mobile) |
| **Nationality**: |  | Ghanaian |
| **Languages**: |  | English |
| **Skills**  **Career history**  **Educational**  **Background**  **Award**  **Professional**  **Membership**  **Volunteering**  **Interest**  **References** |  | * Geochemical modelling of oil-brine and rock-brine interactions via PHREEQ-C * Strong background in wettability and wettability alteration * Strong experimental background * Good understanding of water-based EOR * Excellent interpersonal, communication and presentation skills * Good analytical skills and a team player   **PhD Candidate at The University of Stavanger (UiS), & NORCE Norwegian Research Centre, Norway on “Wettability Estimation by Oil Adsorption”**  November 2015 – To date.  Responsibilities include:   * Perform experiment relating to improved oil recovery (IOR) * Predict the experiment via geochemical simulation and mathematical modelling * Presentation of findings to the Scientific community   **MSc. Thesis Student at IRIS on “Hook load measurement correction with Non-uniform movement”**  February 2015 – June 2015. International Research Institute of Stavanger (IRIS), Stavanger.  Responsibilities include but not limited to the following:   * Mathematical modelling of the hook load measurements taking into account the effect of the non-uniform movement of the travelling block * Sensitivity analysis of the developed model     **Student Research Assistant**  January 2014 – June 2015. Student Research Assistant at the University of Stavanger (UiS) EOR laboratory, Norway  Responsibilities include but not limited to the following:   * Preparation of live-oil and synthetic sea water (SSW) * Planning and execution of the CO2 flooding experiment   **Junior Drilling Engineer**  August 2011 – July 2013. Shinning Engineering and Investment Limited, Ghana.  Responsibilities include but not limited to the following:   * Supervise the pre-job preparation, on the job operation and post-job maintenance     **National Service/Internship**  January 2010 – July 2011. Schlumberger Seaco Inc, Ghana.  Responsibilities include but not limited to the following:   * I assisted in the maintenance of Wireline sampling tools such as Modular Formation Dynamic Tester (MDT) and Mechanical Side wall Coring Tool (MSCT) * I also assisted in the maintenance and calibration of other Wireline tools such as Sonic, Nuclear and Resistivity tools     June 2007 – July 2007**.** Ghana National Petroleum Corporation, Ghana.   * I was assigned to a Jack-up Rig by name Mr. Louis where I assisted in taking measurements at regular interval to determine the Basic Sediments and Water (BSW)   **MSc. Well Eng. (Petroleum Eng.)**  August 2013- June 2015  University of Stavanger    **BSc. Petroleum Engineering** September 2005 – June 2009  Kwame Nkrumah University of Science & Tech.    SVALEX 2014, Multidisciplinary field course with special emphasis on Geology, Geophysics and Petroleum Engineering. 13 – 25 August 2014    Best Petroleum Engineering student. Awarded by Ghana Engineering Students Association (GESA-KNUST), 2009   * Society of Petroleum Engineers (SPE) * European Association of Geoscientists and Engineers (EAGE) * SPE Technical Editor   Biking and watching documentary series    Dr. Aruoture Voke Omekeh  Research Engineer, NORCE  +4798051998  [arom@norceresearch.no](mailto:arom@norceresearch.no)  Dr. John F. Zuta  Director of Laboratory (NORCE)  +4798475656  [jozu@norceresearch.no](mailto:jozu@norceresearch.no)  Dr. Mesfin Belayneh  Associate Professor, UiS  +4797000867  [Mesfin.a.belayneh@uis.no](mailto:Mesfin.a.belayneh@uis.no) |