

EVANS ANTO-DARKWAH

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EDUCATION

- 2018 -** Tel Aviv University, (Israel)
PhD Student, School of Mechanical Engineering
(Multiphase flow simulations)
- 2012 – 2015** Istanbul Technical University, (Turkey)
MSc Petroleum and Natural Gas Engineering
(Kinetics of in-situ combustion)
- 2004 – 2009** Kwame Nkrumah University of Science and Technology (Ghana)
BSc Chemistry

CAREER SUMMARY

- Feb 2016 – Mar 2018** **Research Assistant**
(ADNOC Research and Innovation Centre, UAE)
- Chemical EOR experiments - surfactant, polymer and CO₂ foams
 - Conducting brine-oil, brine-gas relative permeability experiments and forced imbibition tests
 - Rheology of polymers and surfactants at high temperature and pressure conditions
- Jul 2014 – Dec 2015** **Lab Assistant (Graduate Research Student)**
In-situ Combustion Laboratory (Istanbul Technical University)
- Conducted kinetic cell experiments at pressures of 100, 150, 200 and 250psi and temperature of 750°C
 - Assisted in the preparation and conduction of in-situ combustion tube experiments
- Aug 2009 – Oct 2011** **Chemistry Tutor**
Nkawie Senior High School, Kumasi - Ghana.
- Taught Chemistry (Elective) to Level 1 and 2 students
 - Assisted in Chemistry lab sections for final year students

RESEARCH INTERESTS

- Enhanced oil/gas recovery methods (EOR/EGR) – Lab/Modeling
- Petro physics
- Environmental Remediation
- Alternative Energy Sources: Natural Gas/Hydrates Engineering, Geothermal Engineering, Hydrogen Storage.

AWARDS

- Tel Aviv University PhD Scholarship (2018 -)
- Ghana/Turkish Governments Bilateral Scholarship Awards – (2012-2015)
- Petro Bowl Participant (ITU Team member) Award (ATCE, Amsterdam) – 2014
- Ghana Government District Scholarship Awards – (1997-2000)

PROFESSIONAL MEMBERSHIPS

- Society of Petroleum Engineers (2012 – present)
- Ghana Chemical Society (2010 – present)