Curriculum Vita
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Instructor: Amosu, PhD

Academic Department: College of Innovation and Design

Phone: N/A

University Email Address: adewale.amosu@etamu.edu
Faculty Web Page Address: N/A

East Texas A&M University Addresses:
Main Campus: PO Box 3011, Commerce, TX 75429-3011
Dallas Site: 8750 North Central Expressway, Suite 1900, Box 30, Dallas, TX 76231

College of Innovation and Design Office Phone: 214.954.3615 & 903.886.5878

EDUCATION

Doctor of Philosophy in Geology
Texas A&M University, College Station, 2021

Doctor of Philosophy in Geophysics
University of Memphis, Memphis, TN, 2014

DICTP in Earth System Physics
International Center for Theoretical Physics, Trieste, Italy, 2009

BSc in Physics with Solar Energy
Bowen University Iwo, Nigeria, 2006

TEACHING EXPERIENCE

2019-Present, Adjunct Professor of Geology, Texas A&M University Commerce, Commerce, TX

PROFESSIONAL EXPERIENCE

List applicable work experience in your field that support your teaching expertise.

PUBLICATIONS

1. *Amosu, A., and Y. Sun, 2021, Identification of thermally mature TOC-rich layers in shale formations using an effective machine learning approach: Interpretation, 9, no. 3, T735-T745.*

2. *Amosu, A., M. Imsalem, and Y. Sun, 2021, Effective machine learning identification of TOC-rich zones in the Eagle Ford Shale: Journal of Applied Geophysics, 104311.*

3. *Amosu, A., and Y. Sun, 2019, A quantitative probabilistic framework for estimating the critical moment in a petroleum system: AAPG Bulletin, 103, no. 1, 177-187.*

4. *Amosu, A., and Y. Sun, 2018, MinInversion: a program for petrophysical composition analysis of geophysical well log data: Geosciences, 8, no. 2, 65.*

5. *Amosu, A., and Y. Sun, 2017, WheelerLab: An interactive program for sequence stratigraphic analysis of seismic sections, outcrops and well sections and the generation of chronostratigraphic sections and dynamic chronostratigraphic sections: SoftwareX, 6, 19-24.*