SAMUEL ANTWI

Faculty of Educational Studies
Department of Teacher Education.
Kwame Nkrumah University of Science and Technology (KNUST)
Kumasi, Ghana
Cell: +233 544253133
Email: sasamuelantwi@gmail.com/samuel.antwi@knust.edu.gh

EDUCATION
- **Ph.D.** Instructional Technology. Ohio University, Athens, OH. December 2017
- **Master of Education (M.Ed.)** Minot State University. Minot, ND. December 2010
- **Bachelor of Education (B.Ed. Social Studies**). University of Cape Coast. Cape Coast, Ghana. May 2007

TEACHING AND RESEARCH INTERESTS
- Instructional Design Theories; Instructional Design; Distance Education; Higher Education Online Teaching and Learning; Technology Assisted Learning; Design Research; Integration of Mobile Technologies in Education; Computer-mediated Learning; Critical Theory of Technology; Research Methods in Instructional Design; Technology Support Learning.

TEACHING/INSTRUCTIONAL EXPERIENCE
Lecturer
Kwame Nkrumah University of Science and Technology, Kumasi. Faculty of Educational Studies (Department of Teacher Education)
August 2020 - present

Teaching Assistant
Ohio University (Department of Educational Studies)
Fall 2012 – Fall 2013
- Course (An online course for all Undergraduate Education major students)
- EDCT 2030: Integrating Computer in teaching and learning
- Teaching Responsibilities**:** teaching, facilitating, engaging, and assessing online learners

Educational Technologist
Ohio University (College of Health Sciences and Profession)
August 2013 to August 2017
- Provided instructional design best practices and appropriate integration of educational technologies to faculty (Nurse Educators) and students
- Supported Nurse Educators in teaching and learning through analysis, design, and development of sound instructional design principles
- Designed professional development materials for faculty on policies related to the effective and efficient use of modern educational technologies to improve teaching and learning
- Supported faculty in development, delivery, and evaluation of online, face-to-face, and blended courses at the college

- Designed and delivered workshops to faculty, staff, and students on multimedia technologies and best practices
- Designed and managed online courses based on the instructional needs of faculty and students
- Provided technology support to faculty, students, and staff with various degree of knowledge and experience in the college
- Conducted needs assessments and curriculum evaluation for the college
- Stayed abreast with new technologies that would facilitate online programs
- Applied adult learning principles to boost faculty interest in adopting new learning technologies for effective teaching and learning

Instructional Designer
Ohio University (Internship)
August 2015 to May 2016
- Provided academic technology support to faculty and students
- Assisted in the development of instructional strategies, online course management, and assessment techniques

Educational Technologist
Ohio University (Patton College of Education)
August 2011 to August 2013
- Provided academic technology support to faculty, staff, and students
- Built online modules for undergraduate students in the college
- Managed the computer lab

Faculty Advisor
Junior National Young Leaders Conference (JNYLC) Alumni, Vienna, VA
May 2010 to August 2011
- Inspired and motivated 20 to 25 Junior NYLC alumni leaders to explored American leadership in depth by using the historical setting of Boston and its surroundings as a catalyst for learning, and ensured the best learning outcome for each scholar

Graduate Research Assistant
Minot State University
January 2009 to December 2010
- Assisted faculty in conducting educational research
- Managed the department's database
- Reported students' praxis scores to the Head of Department

RESEARCH EXPERIENCE

- Atta, G. P., **Antwi, S.**, Amankwah, T., Kwame, O. I., Okyere, T. (2021). Curriculum change models and their resemblance and suitability for Ghanaian educational system. *International Journal of Innovative Research and Development.* 10 (4), 183 – 190.
- **Antwi, S.**, Bansah, K. A., & Franklin, T. (2018). The information technology challenge in teaching senior high school geography in Ghana. *Issues and Trends in Educational Technology, 6 (10),* 3 – 12.
- Otuo, S. A., Aboagye, E., **Antwi, S.**, & Frimpong, J. (2014). Board of directors and firm performance of banking institutions: A Ghanaian experience. *European Journal of Economics, Finance and Administrative Sciences, 67*, 45 – 59.
- **Antwi, S**. (2017). Formative research on component display theory. (Unpublished dissertation), Ohio University, Athens, Ohio.
- **Antwi, S.**, Kwenin, A., & Adu-Sarfo, P. (2007). Middle school teachers experience with the introduction of the capitation grant in Cape Coast Municipality in Ghana.

RESEARCH IN PROGRESS

- Issues and trends in instructional design in higher education: Ghana perspective
- The adult learner: Teaching, facilitating, assessing, and engaging the online learner.
- Marching Forward: A History of Problems in Teacher Preparation and Educational Technology in Ghana.
- Distance education in Ghana: Now and future Challenges.

AWARDS AND DISTINCTION

- Ohio University Scripps Innovative Challenge Award. $25,000. Winner 2016
- Innovation Challenge Cup. Value - $10,000. Winner 2016

PRESENTATIONS

- Innovation of local news outlet for Somali community in Columbus, Ohio. A presentation for the Ohio University Scripps Innovative Challenge Award, 2016
- The adult learner and distance education. A presentation at the Ohio University Students Expo, 2014
- The Instructional Design Lab: A New way to Design Quality Instruction. A poster presented at the Association for Educational Communication and Technology (AECT). Jacksonville, Florida, 2014
- Apple Configuration (The use of iPads in teaching Human Anatomy) A presentation for Ohio Educational Technology Conference, Columbus, Ohio, 2013

SCHOLARLY AFFILIATION

- Lead Instructional Designer. Kwame Nkrumah University of Science and Technology, E-Learning Centre. June 2021 - present
- Committee Member. Gender Equity and Social Inclusion (GESI). June 2021 – present
- Committee Member. Department of Teacher Education Accreditation Committee. January 2021 – present
- Supported Teaching in School (STS) Coordinator. Department of Teacher Education, KNUST. January 2021 - present

- Team Member. STS Year Three Handbook writing team. June 21, 2021 – June 25, 2021
- Team Member. STS Year Four Handbook writing team. October 4, 21, 2021 – October 15, 2021
- Team Member. KNUST Online Teaching and Learning Training Team. August 2020 - present
- Member. Association for Educational Communication and Technology (AECT)-January 2014 - present
- Member. Quality Matters Consortium. January 2013 - present

SKILLS
- Learning Management Systems: Canvas, Blackboard, Moodle, Desire2Learn, Brightspace
- Adult Learning Theory (Andragogy)
- Leadership and organizational skills
- Project management
- Microsoft office
- Adobe
  - ✓ Presenter
  - ✓ Articulate
  - ✓ Storyline
  - ✓ Captivate
  - ✓ Connect
  - ✓ Illustrator
  - ✓ Photoshop
- Qualtrics
- Camtasia
- Versal

Reference

Dr. Winston K. Abroampa
Dean, Faculty of Educational Studies
Kwame Nkrumah University of Science and Technology
Email: wynxtin@yahoo.com
Tel: +233 204903594

Professor Ahmed Agyapong
Deputy Director
Institute of Distance Learning
Kwame Nkrumah University of Science and Technology, Kumasi
Email: deedat@yahoo.com
Tel: +233244458506

Teresa J. Franklin
Professor Emerita –Instructional Technology
Department of Educational Studies
Gladys W. & David H. Patton College of Education
Ohio University, Athens OH 45701
Email: franklit@ohio.edu).
Tel: +1 740-541-8847

David Richard Moore
Professor – Instructional Technology
Department of Educational Studies
Gladys W. & David H. Patton College of Education
Ohio University, Athens OH 45701
E-mail: moored3@ohio.edu
Tel: +1 740-597-1322