

CHARLES BUABENG-ANDOH

University of Education, Winneba
Box 25, Winneba
Telephone: +233269196730 / 0556766267
Email: cbandoh@hotmail.com

PERSONAL PROFILE

A qualified and experienced lecturer of Information Technology. Patient and imaginative lecturer with good communication and organizational skills. Able to build rapport with students and identify their needs. Ability to take initiative and work in a team. His research interests is in the area of ICT and Education

KEY SKILLS AND ACHIEVEMENTS

- As individual lecturer, provided specialist 1-2-1 teaching
- Proven ability to work flexibly as a support lecturer
- Able to build rapport with students and parents
- Experience in scientific research.

EMPLOYMENT HISTORY

Associate Professor

2022 - Present

University of Education, Winneba
Teaching Research methods, Introduction to computers,
Methods of Teaching of ICT, Technology in Special Education

Senior Lecturer

2018 - Present

University of Education, Winneba
Teaching Research methods, Introduction to computers,
Methods of Teaching of ICT, Technology in Special Education

Senior Lecturer

2015 - 2018

Pentecost University College
Teaching Basic Statistics, Operating systems, Digital Electronics,
Research methods, Computer Architecture,
Management Information System

Lecturer **2007 - 2015**
Pentecost University College
Teaching Statistics, Operating Systems, Electronics,
Research Methods, Computer Architecture,
Management Information System

Lecturer (Part time) **2005 - 2006**
Greenwich Community College, Plumstead Centre,
95 Plumstead Road, London SE18 7DQ
Taught GCSE Physics and Chemistry

Lecturer (Part time) **2004-2005**
Enfield College, 73 Hertford Road, London
Taught both A' level and GCSE physics

Lecturer (Part time) **2003-2004**
Westminster College, Maida Vale,
Taught A'level Mathematics, GCSE Physics and Chemistry

Research Assistant **1997-2000**
Council for Scientific and Industrial Research,
Ghana, Box M.32, Accra

Student Tutor **1995-1996**
University of Cape Coast, Cape Coast

QUALIFICATIONS

1. PhD (IT), Open University, Malaysia, **2010-2016**
2. MSc (Computing), De Montfort University, U. K **2001-2002**
3. BSc (Hons) Physics, Dip in Edu., University of Cape Coast, Ghana **1992-1997**
4. GCE Advanced level, Fijai Sec. School, Takoradi. **1986-1988**
5. GCE Ordinary Level, Manso Sec School, Ghana **1980-1985**

POSITION HELD

Ag. Head of Department **2021- 2023**
Information and Communication Technology Education
University of Education, Winneba

Head of IT Department **2014- 2018**
Pentecost University College

Faculty Examination officer
Faculty of Information Technology,
Pentecost University College

2007 - 2010

RESEARCH AREAS:

1. Computer Technology and Education
2. Digital Learning
3. Mobile learning Technology
4. ICT and Education

ACHIEVEMENTS

1. Among Top 1000 Scientist in Ghana, Alper-Doger (AD) Scientific Index 2022 Version Rankings for Scientists in the World.
2. Among the Top four Educational Technologists in Ghana. Country-Level Research Review: EduTech in Ghana by Cambridge University, 2021.

AWARD/GRANT

Ghana Cocoa Marketing Board Scholarship **1980-1985**
European Commission Erasmus Grant, Team Member **2022-2027**

COMMITTEES PREVIOUSLY SERVED_(Pentecost University College)

1. Library Board Committee, **member** **2010 - 2018**
2. Timetable Committee, **Chairman** **2008 - 2018**
3. Academic Board Committee, **member** **2014 – 2018**
4. Admissions Committee, **member** **2008 - 2018**
5. Welfare Committee, **Organizer** **2015 - 2018**
6. Matriculation and Graduation Committee **2012 - 2018**
7. Publicity Committee, **member** **2009 – 2012**

COMMITTEES CURRENTLY BEING SERVED

- University of Education, Winneba campus
1. Disciplinary Committee, **member** **2019/2020 Academic year**
 2. Academic Board, **member** **2021-**
 3. Faculty Board, **member** **2021-**
 4. Faculty Appointment committee, **member** **2021-**
 5. Departmental Board, Chairman **2021- 2023**
 6. Departmental Board, Chairman **2021-**
 7. Faculty Board, UEW, Member **2021-**
 8. Academic Board, UEW, Member **2021-**
 9. Faculty Appointment Committee, UEW, Member **2021-**

SEMINAR/RETREAT ATTENDED

Faculty Retreat, Elmina Beach Resort	Aug 26-Aug 29, 2021
Faculty Research Seminar, attendee	January, 2020
ICT Education Department Retreat at Lee's Hotel	Dec 3-Dec 6, 2020
ICT Department Retreat at Manna Height	Nov 29 – Dec 1, 2019
Grant Proposal Writing Seminar	Feb 1, 2022
ICT Education Department Retreat, Elmina Beach Resort	June 23-June 26, 2022

COURSES BEING TAUGHT

Operating System, Computer Architecture, Research Methods, Basics Statistics, Digital Electronics, Computer Forensics, Management Information System, Computing Mathematics, Technology in Special Education, Foundation of Educational Technology, Introduction to Computing, Methods of Teaching of ICT, Computer Applications

REVIEWER/ASSESSOR

(1) External Assessor, Akokerri College of Education	2024 - Present
(2) External Assessor, UPSA	2023 - Present
(3) External Assessor, University of Cape Coast	2022-Present
(4) Internal Assessor for Senior Members' Promotions	2021- Present
(5) GTEC, (National Accreditation Board)	2018 - Present
(6) E-Learning and Digital Media Journal	2023-Present
(8) Journal of Research in Innovative Teaching & Learning	2017-Present
(9) Library Review Journal	2017- Present
(10) African Educational Research Journal	2017- Present
(11) International Journal of Virtual and Personal Learning Environments	2017- Present
(12) Interdisciplinary Social Sciences Collection Journal	2012 - Present

PROFESSIONAL ASSOCIATION

1. University Teachers Association of Ghana (UTAG), member	2018 - Present
2. IEEE, member	2017 - Present

COMMUNITY SERVICE

1. Panel member, GTEC, (National Accreditation Board) **2018 – Present**
2. Disciplinary Committee, **member** **2019/2020 Academic year**
3. Academic Board, **member** **2021 – Present**
4. Faculty Board, **member** **2021- Present**
5. Faculty Appointment committee, **member** **2021- Present**
6. Departmental Board, **Chairman** **2021- 2023**
7. Zonal Leader, Church of Pentecost (COP) **2015 – Present**
8. Vice Chairman, Welfare Committee, COP **2018-Present**
9. Vice Chairman, Fund Raising Committee, COP **2015 - 2020**

CONFERENCES ATTENDED

(i) International Conference on Computers in Education, 3-6 December, 2002, Massey University, Auckland, New Zealand.

Paper presented: Multimedia Intelligent system for online learning.

(ii) 8th International conference on Interdisciplinary Social Sciences, 30 July – 1, August, 2013, Charles University, Prague, Czech Republic.

Paper presented: Expectancy-value Theory as a Framework for Investigating Secondary School Teachers' Attitudes toward the Pedagogical use of ICT in Teaching in Ghana (published as Journal article).

(iii) 6th World Conferences on Educational Sciences, 6-9 February, 2014, Malta.

Paper presented: Implementation of ICT in learning: A study of students in Ghanaian secondary schools (published as Journal article)

(iv) 7th World Conference on Educational Sciences, (WCES-2015), 05-07 February 2015, Novotel Athens Convention Center, Athens, Greece.

Paper presented: Innovation in education: Students' perceptions of implementing ICT in learning in second-cycle institutions in Ghana (published as Journal article)

(v) 1st National conference on problem-based learning/e-learning, 23-24 September, 2015, KNUST, Kumasi, Ghana.

(vi) Association of African Universities training workshop on university-industry linkages for African universities, 10-12 May, 2016, University of Ilorin, Nigeria.

(vii) International Conference on Computing, Computational Modeling and Applications (ICCMA 2019), 27-29 March, 2019, Cape Coast, Ghana.

Paper presented: Investigating the actual usage of learning management system: From perspectives of University students

PUBLICATIONS

1. *Conference papers (refereed)*

Buabeng-Andoh, C., & Asirvatham, D. (2002). Multimedia Intelligent system for online learning, 40-41, ICCE conference, Auckland, 3-6 Dec. 2002

2. *Journal papers (refereed)*

1. Buabeng-Andoh, C., Ebenezer, S, E, E., Afriyie, A.A., & Techie-Menson, W.H. (2011). E-commerce in Ghana. *Pentvars Journal*, 5(3), 15-28.
2. Buabeng-Andoh, C. (2012). An Exploration of Teachers' Skills, Perceptions and Practices of ICT in Teaching and Learning in the Ghanaian Second-Cycle Schools. *Contemporary Educational Technology*, 3(1), 36-49.
3. Buabeng-Andoh, C. (2012). Factors influencing teachers' adoption and integration of information and communication technology into teaching: A review of the literature. *International Journal of Education and Development using Information and Communication Technology*, 8(1), 136-155.
4. Buabeng-Andoh, C., & Totimeh, F. (2012). Teachers' innovative use of computer technologies in classroom: A case of selected Ghanaian schools. *International Journal of Education and Development using Information and Communication Technology*, 8 (3), 22-34.
5. Danquah, P., Aryeetey, S., & Buabeng-Andoh, C. (2013). A Critical Assessment of Information Technology Disaster Recovery Strategies in Ghanaian Banks. *Pentvars Journal*, 7 (1,2&3), 58-74
6. Buabeng-Andoh, C., & Yidana, I. (2014). Expectancy-value Theory as a Framework for Investigating Secondary School Teachers' Attitudes toward the Pedagogical use of ICT in Teaching in Ghana. *The International Journal of Interdisciplinary Educational Studies*, 1(8), 1-20.
7. Buabeng-Andoh, C., & Yidana, I. (2014). Investigating students' pedagogical use of ICT in learning in Ghanaian secondary schools. *E-journal of the British Education Studies Association*, 6(2), 44-53.
8. Buabeng-Andoh, C., & Yidana, I. (2014). An investigating of secondary school students' attitudes toward the Pedagogical use of ICT in learning in Ghana. *Interactive Technology and Smart Education*, 11 (4), 302-314.
9. Buabeng-Andoh, C., & Yidana, I. (2015). Implementation of ICT in learning: A study of students in Ghanaian secondary schools. *Procedia - Social and Behavioral Sciences*, 191, 1282 – 1287.

10. Buabeng-Andoh, C., & Yidana, I. (2015). Innovation in education: Students' perceptions of implementing ICT in learning in second-cycle institutions in Ghana. *Procedia - Social and Behavioral Sciences*, 197, 512 – 1519
11. Buabeng-Andoh, C. (2015). ICT Implementation and practices: Factors influencing students' pedagogical use of ICT in Ghanaian secondary schools. *International Journal of Information and Communication Technology Education*, 11(2), 1-13.
12. Buabeng-Andoh, C., & Agyekum, S. (2015). Undergraduate Business students' pedagogical use of ICT: The case of Pentecost University College. *e-journal of the British Education Studies Association*, 1, 103-114.
13. Buabeng-Andoh, C., & Yidana, I. (2015). Teachers' ICT usage in second-cycle institutions in Ghana: A qualitative study. *International Journal of Education and Development using Information and Communication Technology*, 11(2), 104-112.
14. Buabeng-Andoh, C. (2015). ICT usage in Ghanaian secondary schools: teachers' perspectives. *The International Journal of Information and Learning Technology*, 32(5), 300-312.
15. Buabeng-Andoh, C. (2017). An investigation of educational use of Information and Communication Technology from the Perspectives of Ghanaian Students. *International Journal of Information and Communication Technology Education*, 13(3), 40-52.
16. Buabeng-Andoh, C. (2018). New technology in health education: Nursing students' application of mobile technology in the classroom in Ghana. *Interactive Technology and Smart Education*, 15(1), 46-58.
17. Buabeng-Andoh, C., Yaokumah, W. & Tarhini, A. (2018). Investigating students' intentions to use ICT: A comparison of theoretical models. *Education and Information Technologies*, pp 1-18. <https://doi.org/10.1007/s10639-018-9796-1>.
18. Kumah, P., Yaokumah, W., Buabeng-Andoh, C. (2018). Identifying HRM Practices for Improving Information Security Performance: An Importance-Performance Map Analysis. *International Journal of Human Capital and Information Technology Professionals*, 9 (4), 23-43
19. Buabeng-Andoh, C. (2018). Predicting students' intention to adopt mobile learning: a combination of Theory of Reasoned Action and Technology Acceptance Model, *Journal of Research in Innovative Teaching & Learning*, 11(2), 178-191.
20. Buabeng-Andoh, C., & Baah, C. (2019). Investigating the actual usage of learning management system: From perspectives of University students. *2019 International Conference on Computing, Computational Modelling and Applications*, 27-29 March, 2019, Cape Coast, Ghana 1-8.
21. Buabeng-Andoh, C. (2019). Factors that Influence Teachers' Pedagogical Use of ICT

- in Secondary Schools: A Case of Ghana. *Contemporary Educational Technology*, 10(3), 272-288. <https://doi.org/10.30935/cet.590099>.
22. Buabeng-Andoh, C. (2019). Students' Attitudes Toward Mathematics in Vocational Education: From Perspectives of a Developing Country. *International Journal of Scientific & Technology*, 8(7), 43-49.
 23. Buabeng-Andoh, C., & Baah, C. (2020). Determinants of Students' Actual use of the Learning Management System (LMS): An Empirical Analysis of a Research Model. *Advances in Science, Technology and Engineering Systems Journal*, 5(2), 614-620.
 24. Buabeng-Andoh, C. (2020). Exploring University students' intention to use mobile learning: A research model approach. *Education and Information Technologies*, 1-18 <https://doi.org/10.1007/s10639-020-10267-4>.
 25. Buabeng-Andoh, C., & Baah, C. (2020). Pre-service teachers' intention to use learning management learning system: an integration of UTAUT and TAM. *Interactive Technology and Smart Education*, 17(4), 455-474.
 26. Buabeng-Andoh, C. (2022). What critical factors forecast student-teachers utilization of online learning system in the University of Education, Ghana during the Covid19 pandemic? *Education and Information Technologies*
 27. Buabeng-Andoh, C. (2022). Special education pre-service teachers' acceptance of Assistive technology: An approach of structural equation modeling. *International Journal of ICT Research in Africa and the Middle East*, 11(1), 1-12.
 28. Delali, K.D., Buabeng-Andoh, C. (2022). Using machine learning techniques to predict learner drop-out rate in higher educational institutions. *Mobile Information Systems*, 1-9.
 29. Delali, K.D., Gyimah, E., Buabeng-Andoh, C. (2023). University students behaviour modelling using the k-prototype clustering algorithm. *Mathematical Problems in Engineering*, 1-13.

REFEREES

1. Issifu, Yidana, PhD
University of Education, Winneba
P.O. Box 25,
Winneba
Contact: +233206225471 or +233245035900
Email: iyidana@uew.edu.gh

2. Winfred Yaokumah, PhD
University of Ghana
Department of Computer Science
Contact: +233244283488
Email: winfred91@gmail.com or wyaokumah@pentvars.edu.gh

3. Kofi Nyarkoh Gyimah, PhD
Pentecost University College
P.O. Box KN 1739, Kaneshie
Accra
Contact: +233245071936
Email: kngyimah@pentvars.edu.gh