Bernard Yaw Sekyi Acquah

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RESEARCH

Interests	Curriculum and instruction · Economics Teacher Education · Technology in Teaching · Curriculum · Economics Education · Educational Research · Methods of Teaching · Human Resource Developme
Areas	Education · Computer Science Applications · Information Systems · Safety Research · Artificial Intelligence · Experimental and Cognitive Psychology

RESEARCH SUMMARY

34	208	7	7	5.05	43%
Publications	Citations	h-index	i10-index	Field-weighted impact	World top 10%

Counted from the 34 publications listed below, 2010–2026. Field-weighted impact is the mean over the 23 works scored for it; 1.00 is the world average for works of the same field, type and year. 10 of the 23 papers scored for it are among the world's most cited tenth for their field, type and year.

POSITIONS

Senior Lecturer 2015–present
Department of Business and Social Sciences Education, University of Cape Coast, Cape Coast, Ghana

Lecturer 2010–2015
Department of Arts and Social Sciences Education, University of Cape Coast, Cape Coast, Ghana

Principal Research Assistant 2010
Department of Arts and Social Sciences Education, University of Cape Coast, Cape Coast, Ghana

Senior Research Assistant 2007–2010
Department of Arts and Social Sciences Education, University of Cape Coast, Cape Coast, Ghana

EDUCATION AND QUALIFICATIONS

DED (Curriculum Studies) 2011–2015
Department of Curriculum and Instructional Studies, University of South Africa, Pretoria, South Africa

MA (Human Resource Development) 2009–2012
Institute of Development Studies, University of Cape Coast, Cape Coast, Ghana

M.Phil (Curriculum Studies) 2007–2010
Department of Arts and Social Sciences Education, University of Cape Coast, Cape Coast, Ghana

B.Ed (Social Sciences) 2002–2006
Department of Arts and Social Sciences Education, University of Cape Coast, Cape Coast, Ghana

PUBLICATIONS

Journal articles 30

1. **Bernard Yaw Sekyi Acquah**, Iddrisu Salifu, Francis Arthur, Mark Inkoom, Sheriff Dangimah Suradji, Christian Inkoom, Emmanuel Quayson, Silas Afutu Quaye, Francis Obeng Gyedu, Sharon Abam Nortey (2026). Artificial intelligence ethical awareness of university students in Ghana: A network and latent profile analyses. *Computers and Education Artificial Intelligence*. https://doi.org/10.1016/j.caeai.2026.100652
2. **Bernard Yaw Sekyi Acquah**, Francis Obeng Gyedu, Francis Arthur, Emmanuel Quayson (2026). Exploring Preservice Teachers' Artificial Intelligence Competence in Ghana. *Inspirations in AI Innovation*. https://www.walsh.edu/_files/Inspirations_In_AI_Vol_2.pdf#page=13
3. **Bernard Yaw Sekyi Acquah**, Francis Arthur, Emmanuel Quayson, Silas Afutu Quaye, Andrews Ohene Darteh, Sharon Abam Nortey, Dorcas Frempong (2026). Modelling Higher-Education Students' Intention to Use Educational Metaverse in Ghana. *Human Behavior and Emerging Technologies*. https://doi.org/10.1155/hbe2/4425121
4. **Bernard Yaw Sekyi Acquah**, Francis Arthur, Emmanuel Quayson, Francis Obeng Gyedu (2026). Modelling Preservice Teachers' Intention to Integrate GenAI in Teaching. *Inspirations in AI Innovation*. https://www.walsh.edu/_files/Inspirations_In_AI_Vol_2.pdf#page=34
5. Shakeb Akhtar, Donkor Nawaah, Joseph Tufuor Kwarteng, **Bernard Yaw Sekyi Acquah**, Prashanth Beleya (2026). Navigating ethical boundaries: an in-depth evaluation of ethical knowledge among accounting faculty in higher education institutions. *Cogent Education*. https://doi.org/10.1080/2331186x.2026.2650881
6. **Bernard Yaw Sekyi Acquah**, Francis Arthur, Peter Anti Partey, Emmanuel Quayson, Francis Obeng Gyedu, Silas Afutu Quaye, Dominic Winston Kaku, Ernest Opoku, Francis Mensah, Dorcas Frempong, Sharon Abam Nortey (2026). Predictors of continuous use intention of information communication technology among economics teachers in Ghana: a multi-analytical approach. *SN Social Sciences*. https://doi.org/10.1007/s43545-026-01450-4
7. **Bernard Yaw Sekyi Acquah**, Francis Arthur, Francis Obeng Gyedu, Emmanuel Quayson, Eric Boateng, Silas Afutu Quaye, Sharon Abam Nortey (2026). Preservice Teachers' Artificial Intelligence Competence: A Network and Latent Profile Analyses. *European Journal of Education*. https://doi.org/10.1111/ejed.70735
8. Francis Arthur, Mumuni Baba Yidana, **Bernard Yaw Sekyi Acquah** (2025). Academic Engagement Among Economics Students in Higher Education: A Multivariate Analysis of Academic Level and Gender-Driven Variations. *SAGE Open*. https://doi.org/10.1177/21582440251342212
9. A. Y. Abraham, **B. Y. S. Acquah**, P. Anti Partey (2025). Determinants of Household Choice of Pre-Tertiary Education in Ghana. *African Journal Of Applied Research*. https://doi.org/10.26437/ajar.v11i1.876
10. Iddrisu Salifu, Francis Arthur, **Bernard Yaw Sekyi Acquah**, Ernest Opoku, Sharon Abam Nortey, Eric Boateng (2025). Exploring graduate students' use of generative artificial intelligence in Ghana: insights from an extended UTAUT2 model, PLS-SEM, IPMA and fsQCA. *Discover Education*. https://doi.org/10.1007/s44217-025-00603-6
11. Isaac Nyarko Adu, Evelyn Twumasi, Leticia Bosu, **Bernard Yaw Sekyi Acquah** (2025). Exploring the predictive roles of intellectual and social capital on competencies for innovative teaching in second cycle schools. *International Journal of Sociology and Social Policy*. https://doi.org/10.1108/ijssp-02-2025-0092
12. **Bernard Yaw Sekyi Acquah**, Francis Arthur, Iddrisu Salifu, Enoch Mensah, Ernest Opoku, Sharon Abam Nortey, Solomon Adjatey Tetteh (2025). Modelling economics students' use of ChatGPT and academic performance: insights from self-determination theory and epistemic curiosity. *Discover Artificial Intelligence*. https://doi.org/10.1007/s44163-025-00373-y
13. Francis Arthur, Mumuni Baba Yidana, **Bernard Yaw Sekyi Acquah** (2025). Self-regulated learning among higher education economics students: does gender and academic level matter? *Cogent Education*. https://doi.org/10.1080/2331186x.2025.2579351

14. Brandford Bervell, Dickson Okoree Mireku, Prosper Dzifa Dzamesi, Akua Tiwaa Buabeng-Boateng, **Bernard Yaw Sekyi Acquah** (2025). Web-based examinations in higher education (WEBiHE) institutions in the Sub-Saharan Africa region: a systematic review of 2013–2024 literature. *Cogent Education*. https://doi.org/10.1080/2331186x.2025.2519565

15. Ellen Animah Agyei, Samuel Kobina Annim, **Bernard Yaw Sekyi Acquah**, Joshua Sebu, Samuel Kwaku Agyei (2024). Education infrastructure inequality and academic performance in Ghana. *Heliyon*. https://doi.org/10.1016/j.heliyon.2024.e34041

16. **Bernard Yaw Sekyi Acquah**, Godfred Boachie Agyemang (2024). Effect of Cooperative Learning on High School Students' Performance in Economics in Ghana. *EAST AFRICAN JOURNAL OF EDUCATION AND SOCIAL SCIENCES*. https://doi.org/10.46606/eajess2024v05i02.0367

17. Mumuni Baba Yidana, **Bernard Yaw Sekyi Acquah** (2024). Examining the influence of Economics teachers' engagement in professional learning communities on teaching self-efficacy: a structural equation modelling approach. *Cogent Social Sciences*. https://doi.org/10.1080/23311886.2024.2334113

18. **Bernard Yaw Sekyi Acquah**, Francis Arthur, Iddrisu Salifu, Emmanuel Quayson, Sharon Abam Nortey (2024). Preservice teachers' behavioural intention to use artificial intelligence in lesson planning: A dual-staged PLS-SEM-ANN approach. *Computers and Education Artificial Intelligence*. https://doi.org/10.1016/j.caeai.2024.100307

19. **Bernard Yaw Sekyi Acquah**, Doris Dziedzorm Agbo (2023). Effect of Emotional Intelligence on Economic Teachers' Self-Efficacy: The Moderating Role of Background Characteristics. *EAST AFRICAN JOURNAL OF EDUCATION AND SOCIAL SCIENCES*. https://doi.org/10.46606/eajess2023v04i05.0318

20. **Bernard Yaw Sekyi Acquah**, Peter Anti Partey (2023). Self-Efficacy Beliefs and Performance of Pre-Service Economics Teachers: Implications for Teacher Training. *Journal of Educational Issues*. https://doi.org/10.5296/jei.v9i1.16324

21. **Bernard Yaw Sekyi Acquah**, Anthony Akwesi Owusu (2021). Vertical Articulation and Content Relevance of the Senior High School Economics Curriculum: Case of Ghana. *Asian Journal of Education and Training*. https://doi.org/10.20448/journal.522.2021.73.169.178

22. Mumuni Baba Yidana, **Bernard Yaw Sekyi Acquah** (2018). Economics students' rating of economics teachers' effectiveness: a survey of selected senior high schools in the central region of Ghana. *International Journal of Educational Leadership*.

23. JT Kwarteng, Kankam Boadu, **BYS Acquah**, BT Ababio, L Bosu, M Brown (2018). Teachers' fidelity of use of selected senior high school subject curricula. *International Journal of Educational Researchers*. https://dergipark.org.tr/en/pub/ijers/issue/43106/522273

24. Peter Anti Partey, **Bernard Y. S. Acquah** (2016). Effect of micro-teaching on students' performance during off-campus teaching practice: A partial least square structural equation modelling (Pls-Sem) analysis. *Journal of Educational Management*. https://doi.org/10.47963/jem.v7i.1210

25. Mutendwahothe Walter Lumadi, **Bernard Yaw Sekyi Acquah** (2014). Assessment of Trainee – Economics teachers' Effectiveness: Senior High School Economics Students' Perspective. *Mediterranean Journal of Social Sciences*. https://doi.org/10.5901/mjss.2014.v5n20p2853

26. **Bernard Yaw Sekyi Acquah** (2014). The influence of co-curricular activities on students' performance in economics. *University of Cape Coast*. https://www.researchgate.net/profile/Peter-Anti-Partey/publication/304415605_THE_INFLUENCE_OF_CO-CURRICULAR_ACTIVITIES_ON_STUDENTS'_PERFORMANCE_IN_ECONOMICS/links/576ec43508ae62194746bb37/THE-INFLUENCE-OF-CO-CURRICULAR-ACTIVITIES-ON-STUDENTS-PERFORMANCE-IN-ECONOMICS.pdf

27. Kankam Boadu, **BYS Acquah** (2013). training needs assessment of college of education tutors in the Central Region, Ghana. *International Journal of Humanities and Social Science*. https://ir.ucc.edu.gh/server/api/core/bitstreams/c861834f-941b-48da-955b-c1e20b03846d/content

28. **Bernard Yaw Sekyi Acquah** (2012). CONTINUING EDUCATION PROGRAMMES AND STAFF DEVELOPMENT OF TURTORS IN THE COLLEGES OF EDUCATION IN THE CENTRAL REGION OF GHANA. *Development*. https://ir.ucc.edu.gh/server/api/core/bitstreams/85148383-a5d4-428c-

af03-6afb964f4a49/content

29. **Bernard Yaw Sekyi Acquah** (2012). Status of implementation of the ICT Curriculum in Ghanaian Basic Schools. *DOAJ (DOAJ: Directory of Open Access Journals)*. https://doi.org/10.18533/journal.v1i3.31

30. Mumuni Baba Yidana, **Bernard Yaw Sekyi Acquah**, B. Y. S. & Anti Partey (2010). THE RELATIONSHIP BETWEEN STUDENTS'ACHIEVEMENTS IN MATHEMATICS AND THEIR PERFORMANCE IN ECONOMICS. *International Journal of Educational Leadership*. https://www.researchgate.net/profile/Peter-Anti-Partey/publication/304417014_THE_RELATIONSHIP_BETWEEN_STUDENTS'_ACHIEVEMENTS_IN_MATHEMATICS_AND_THEIR_PERFORMANCE_IN_ECONOMICS/links/576ec70108ae10de639a486c/THE-RELATIONSHIP-BETWEEN-STUDENTS-ACHIEVEMENTS-IN-MATHEMATICS-AND-THEIR-PERFORMANCE-IN-ECONOMICS.pdf

Book chapters 1

1. Peter Anti Partey, **Bernard Yaw Sekyi Acquah** (2023). Experiences of the Pre-Tertiary Ghanaian Teacher Teaching Amidst a Pandemic. *Advances in higher education and professional development book series*. https://doi.org/10.4018/978-1-6684-7722-9.ch007

Conference papers 1

1. **Bernard Yaw Sekyi Acquah** (2018). Data analysis software usage among University of Cape Coast Lecturers: Implications for capacity building programmes. *Proceedings of the 3rd International Conference of the Consortium of Academic and Research Libraries in Ghana (CARLIGH), Association of African Universities (AAU), Accra, Ghana.*.

Reports 1

1. **Bernard Yaw Sekyi Acquah** (2012). Assessment of Effective Teaching in Economics: Economics Students' Rating of Economics Teachers' Effectiveness. *LAP LAMBERT Academic Publishing*. https://scholar.google.com/scholar?cluster=9399448488853003558&hl=en&oi=scholarr

Theses 1

1. **Bernard Yaw Sekyi Acquah** (2014). Assessment of Effective Teaching in Economics: A Three-dimensional Approach. *University of South Africa*. https://scholar.google.com/scholar?cluster=13394795667939553878&hl=en&oi=scholarr