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RESEARCH

Interests	Principles and Practice of Education · Instructional Design · Educational Research · Higher Education and Management of Pre-Tertiar
Areas	Education · Sociology and Political Science · Social Psychology · Clinical Psychology · Experimental and Cognitive Psychology · Developmental and Educational Psychology

RESEARCH SUMMARY

50	928	14	18	4.27	38%
Publications	Citations	h-index	i10-index	Field-weighted impact	World top 10%

Counted from the 50 publications listed below, 2011–2026. Field-weighted impact is the mean over the 24 works scored for it; 1.00 is the world average for works of the same field, type and year. 9 of the 24 papers scored for it are among the world's most cited tenth for their field, type and year.

POSITIONS

Lecturer 2020–2030
Department of Educational Innovations, Kwame Nkrumah University of Science and Technology, Kumasi, Ghana

EDUCATION AND QUALIFICATIONS

Doctor of Philosophy 2020–2030
Department of Educational Innovations, Kwame Nkrumah University of Science and Technology, Kumasi, Ghana

PUBLICATIONS

Journal articles 44

1. Phyllis Mensah, Harry Barton Essel, **Akosua Tachie-Menson**, Benjamin Tawiah, Abena Okyerewa Siaw (2026). Assessing Effectiveness of Workplace Experience Learning in HND Fashion Design TVET Programmes: Insights from Fashion Design Facilitators in Ghana. *Fashion and Textiles Review.*. https://doi.org/10.35738/ftr.v7.2025.51
2. Esi Eduafua Johnson, Paa Kwame Baah, Harry Barton Essel, **Akosua Tachie-Menson**, Ama Amponsah Dwamena, Vicentia Okpattah Wemegah, Akwasi Adomako Boakye (2026). Association between digital addiction subtype and emotional intelligence among preservice teachers in Ghana. *Discover Education*. https://doi.org/10.1007/s44217-026-01433-w
3. **A Tachie-Menson**, D Adom (2026). Beyond skills: Repositioning creative thinking disposition in pre-service visual arts education in Ghana. *JOURNAL OF AFRICAN ARTS AND CULTURE*. https://scholar.google.com/scholar?cluster=4436448342772396253&hl=en&oi=scholarr
4. HB Essel, **A Tachie-Menson**, B Tawiah, AD Akuteye (2026). Constraints of workplace experience learning implementation among fashion design TVET in Ghana. *Indonesian Journal of Education and Science*. http://www.journal.formadenglishfoundation.org/index.php/IJES/article/view/149

5. P Setsoafia, **A Tachie-Menson**, D Adom, S Kquofi (2026). Creative Thinking Disposition among Pre-Service Visual Art Teachers. *Journal of Creativity*. https://www.sciencedirect.com/science/article/pii/S2713374526000142

6. Prosper Setsoafia, Harry Baton Essel, **Akosua Tachie-Menson**, Dickson Adom, Steve Kquofi (2026). Creative thinking disposition among Ghanaian pre-service visual arts teachers. *Journal of Creativity*. https://doi.org/10.1016/j.yjoc.2026.100133

7. Prosper Setsoafia, Harry Baton Essel, **Akosua Tachie-Menson**, Julliet Appiah-Kubi, Charles Atta Koduah, Macharious Nabang, Edmund Boamah Acheampong, George Attah Aboagye (2026). Digital literacy and academic performance in visual arts teacher education in Ghana. *Discover Education*. https://doi.org/10.1007/s44217-026-02055-y

8. Ama Amponsah Dwamena, Harry Barton Essel, **Akosua Tachie-Menson**, Akwasi Adomako Boakye (2026). Exploring the impact of drawing anxiety on the creative performance of senior high school visual arts students in Ghana. *Discover Education*. https://doi.org/10.1007/s44217-026-01821-2

9. Phyllis Mensah, Harry Barton Essel, Benjamine Tawiah, **Akosua Tachie-Menson**, Abena Okyerewa Siaw (2026). The Effectiveness of Workplace Experience Learning in HND Fashion Design (TVET) Programmes: Insights from Host Organizations in Ghana. *Journal of Art, Design, and Music*. https://doi.org/10.55554/2785-9649.1084

10. HB Essel, **A Tachie-Menson** (2026). The Effects of System-Paced, Learner-Paced and Learner-Attenuated System-Paced Conditions on Project-Based Learning Outcomes: Learning Pace and Project-Based Outcomes. *Journal of Science and Technology*. https://journal.knust.edu.gh/index.php/just/article/view/1937

11. Fatimatu hajia Ibrahim, **Akosua Tachie-Menson**, Harry Barton Essel, Dennis Atsu Dake (2025). Development of Interactive Multimedia for Enhancing the Teaching and Learning of Macramé in Textile Education. *Journal of Science and Technology (Ghana)*. https://doi.org/10.4314/just.v43i3.8

12. Akwasi Adomako Boakye, Harry Barton Essel, **Akosua Tachie-Menson**, Francis Kofi Nimo Nunoo, Ama Amponsah Dwamena (2025). Enhancing Project-Based Learning in Under-Resourced Ghanaian Senior High Schools Through a Pedagogical Agent Persona. *Journal of Education*. https://doi.org/10.1177/00220574251393975

13. **Akosua Tachie-Menson**, Harry Barton Essel, Paa Kwame Baah, Esi Eduafua Johnson, Grace Sintim Adasi, Joy Seko Abra Amankwa, Beatrice Sarpong-Danquah (2025). Impact of Digital Addiction on Technology-Related Fatigue among University Preservice Teachers in Ghana. *Journal of Science and Technology (Ghana)*. https://doi.org/10.4314/just.v43i4.8

14. Prosper Setsoafia, Harry Barton Essel, Richard Bruce Lamptey, Francis Kofi Nimo Nunoo, Johnson Esi Eduafua, Grace Adasi Sintim, **Akosua Tachie-Menson** (2025). Investigating Information Literacy Self-Efficacy among Senior High School Visual Arts Students in Ghana. *Ghana Library Journal*. https://doi.org/10.65861/glj.v30i3.5

15. **Akosua Tachie-Menson**, Harry Barton Essel, Michael Ato Essuman, Francis Kofi Nimo Nunoo, Emmanuel Appau, Aaron Daniel Akuteye, Eunice Achiamaa Boadi, Nathaniel Tetteh Quaye (2025). Relationship Between Digital Nativity and Internet Addiction Among University Students in Ghana. *F1000Research*. https://doi.org/10.12688/f1000research.156283.1

16. Mohammed Seini Issah, **Akosua Tachie-Menson**, Essel Harry Barton (2025). Teacher Practical and Pedagogical Skills Acquisition (TPPSA) Framework For Skills Acquisition In Leatherwork. *Indonesian Journal of Education and Social Sciences*. https://doi.org/10.56916/ijess.v4i1.981

17. **A Tachie-Menson**, HB Essel, EE Johnson, GS Adasi (2025). The Impact of Digital Addiction on Technology-Related Fatigue among University Preservice Teachers in Ghana: Digital Addiction on Technology-Related Fatigue Among University …. *Journal of Science and Technology (Ghana)*. https://www.ajol.info/index.php/just/article/view/310211

18. Mohammed Seini Issah, Essel Harry Barton, **Akosua Tachie-Menson** (2024). Exploring skills acquisition differences in leather work among technical university students in Ghana: The case of Tamale Technical University. *Research and Development in Education (RaDEn)*. https://doi.org/10.22219/raden.v4i2.36727

19. Mohammed Kwaku Baidoo, **Akosua Tachie-Menson**, Harry Barton Essel (2022). Institutional Dynamics and Skills Acquisition in School-Based Jewellery Education in Ghana. *Social Education Research*. https://doi.org/10.37256/ser.3220221418

20. Harry Barton Essel, Dimitrios Vlachopoulos, **Akosua Tachie-Menson**, Francis Kofi Nimo Nunoo, Esi Eduafua Johnson (2022). Nomophobia among Preservice Teachers: a descriptive correlational study at Ghanaian Colleges of Education. *Education and Information Technologies*. https://doi.org/10.1007/s10639-022-11023-6

21. NAA Opoku-Asare, **A Tachie-Menson** (2022). Pull and push factors influencing teachers in rural Ghana and their effect on students' academic performance. *London Journal of Research in Humanities and Social Sciences*. https://scholar.google.com/scholar?cluster=14407137892084340465&hl=en&oi=scholarr

22. Harry Barton Essel, Dimitrios Vlachopoulos, Ralph Nyadu-Addo, **Akosua Tachie-Menson**, Paa Kwame Baah, Charles Owusu-Antwi (2022). The Impact of Mental Health Predictors of Internet Addiction among Pre-Service Teachers in Ghana. *Behavioral Sciences*. https://doi.org/10.3390/bs13010020

23. Harry Barton Essel, Dimitrios Vlachopoulos, **Akosua Tachie-Menson**, Esi Eduafua Johnson, Papa Kwame Baah (2022). The impact of a virtual teaching assistant (chatbot) on students' learning in Ghanaian higher education. *International Journal of Educational Technology in Higher Education*. https://doi.org/10.1186/s41239-022-00362-6

24. Harry Barton Essel, Dimitrios Vlachopoulos, **Akosua Tachie-Menson**, Esi Eduafua Johnson, Alice Korkor Ebeheakey (2021). Technology-Induced Stress, Sociodemographic Factors, and Association with Academic Achievement and Productivity in Ghanaian Higher Education during the COVID-19 Pandemic. *Information*. https://doi.org/10.3390/info12120497

25. Patrick Baiden, Harry Barton Essel, Dimitrios Vlachopoulos, **Akosua Tachie-Menson**, Michael Ato Essuman (2021). The Effect of Gamification on Home Economics Students' Motivation and Engagement in Drawing Activities. *Technology Knowledge and Learning*. https://doi.org/10.1007/s10758-021-09566-7

26. Harry Barton Essel, Dimitrios Vlachopoulos, **Akosua Tachie-Menson** (2021). The relationship between the nomophobic levels of higher education students in Ghana and academic achievement. *PLoS ONE*. https://doi.org/10.1371/journal.pone.0252880

27. Harry Barton Essel, Dimitrios Vlachopoulos, Dickson Adom, **Akosua Tachie-Menson** (2021). Transforming higher education in Ghana in times of disruption: flexible learning in rural communities with high latency internet connectivity. *Journal of Enterprising Communities People and Places in the Global Economy*. https://doi.org/10.1108/jec-08-2020-0151

28. **A Tachie-Menson** (2020). Improving Medical Studentsâ€™ Critical Thinking And Observational Skills For Learning Human Gross Anatomy: A Study At School Of Medicine And Health Sciences Of University For …. *National Journal of Integrated Research in Medicine*. http://nicpd.ac.in/ojs-/index.php/njirm/article/view/2780

29. **A Tachie-Menson**, HB Essel (2020). Teaching challenging topics in English language, mathematics, and natural science in primary school using creative arts methods. *International Journal of Research and Innovation in Social Science (IJRISS)*. https://www.academia.edu/download/89836750/Article_Teachingofchallengingtopicsusingcreativearts.pdf

30. Mohammed Kwaku Baidoo, **Akosua Tachie-Menson**, Nana Ama Pokua Arthur, Eric Appau Asante (2020). Understanding informal jewellery apprenticeship in Ghana: Nature, processes and challanges. *International Journal for Research in Vocational Education and Training*. https://doi.org/10.13152/10.13152/ijrvet.7.1.3

31. Mohammed Kwaku Baidoo, **Akosua Tachie-Menson**, Nana Ama Pokua Arthur, Eric Appau Asante (2020). Understanding informal jewellery apprenticeship in Ghana: Nature, processes and challenges. *International Journal for Research in Vocational Education and Training*. https://doi.org/10.13152/ijrvet.7.1.3

32. **Akosua Tachie-Menson**, RB Lamptey (2019). ADOPTING A LOGIC FRAMEWORK FOR THE EVALUATION OF THE OPERATIONAL PROCESSES AND OUTCOMES OF KNUSTSpace ON RESEARCH, LEARNING AND TEACHING: A CASE OF EMPIRICAL RESEARCH OUTPUT BY …. *Library Philosophy and Practice (eJournal)*. https://scholarworks.sjsu.edu/libphilprac/2826/

33. HB Essel, **A Tachie-Menson** (2018). 21st Century Skill Set Deficiency in Ghanaian Basic Education: A Review of Basic Design and Technology, and Information and Communications Technology Syllabi. *Indian Journal of Applied Research*. https://www.researchgate.net/profile/Harry-Essel/publication/322021093_Twenty-first_Century_Skill_Set_Deficiency_in_Ghanaian_Basic_Education_A_review_of_Basic_Design_and_Technology_and_Information_and_Communications_Technology_Syllabi/links/5a82c63e0f7e9bda869fb087/Twenty-first-Century-Skill-Set-Deficiency-in-Ghanaian-Basic-Education-A-review-of-Basic-Design-and-Technology-and-Information-and-Communications-Technology-Syllabi.pdf

34. HB Essel, **A Tachie-Menson** (2018). Effects of Student Support Services on Distance Learners in Selected Centres of Jackson College of Education. *International Journal of Science and Research*. https://www.researchgate.net/profile/Harry-Essel/publication/324496261_Effects_of_Student_Support_Services_on_Distance_Learners_in_Selected_Centres_of_Jackson_College_of_Education/links/5ad060c00f7e9b18965cf03d/Effects-of-Student-Support-Services-on-Distance-Learners-in-Selected-Centres-of-Jackson-College-of-Education.pdf

35. **A Tachie-Menson**, FKN Nunoo, JO Amankwa (2018). Higher Education Students' Ownership and Usage of Smart Phones and Tablets: The Case of Kwame Nkrumah University of Science and Technology (KNUST). *International Journal of Educational Technology*. https://eric.ed.gov/?id=EJ1182237

36. B Essel, **A Tachie-Menson** (2017). Analytical Study of the Implications of Text Illustrations on Lower Primary Pupils' Construal in the Classroom: The Case of Illustrations in Ghanaian Language and Literacy Textbook. *Journal of Art and Design Studies*. https://www.researchgate.net/profile/Harry-Essel/publication/321716581_Analytical_Study_of_the_Implications_of_Text_Illustrations_on_Lower_Primary_Pupils'_Construal_in_the_Classroom_The_Case_of_Illustrations_in_Ghanaian_Language_and_Literacy_Textbook/links/5a803082aca272a73768d09b/Analytical-Study-of-the-Implications-of-Text-Illustrations-on-Lower-Primary-Pupils-Construal-in-the-Classroom-The-Case-of-Illustrations-in-Ghanaian-Language-and-Literacy-Textbook

37. **Akosua Tachie-Menson** (2016). Adopting Successive Approximation Model For The Development Of Locally-Made Interventionary Manipulatives For The Teaching Ang Learning Of Mathematics In Basic Education .... *Arts and Design Studies*. https://www.academia.edu/download/77889429/31251.pdf

38. HB Essel, P Osei-Poku, **A Tachie-Menson**, NA Opoku-Asare (2016). Self-Paced Interactive Multimedia Courseware: A Learning Support Resource for Enhancing Electronic Theses and Dissertations Development. *Journal of Education and Practice*. https://eric.ed.gov/?id=EJ1099557

39. HB Essel, P Osei-Poku, **A Tachie-Menson**, NA Opoku-Asare (2016). Self-Paced Interactive Multimedia Courseware: a Learning Sipport Resource for Enhancing Electronic Theses and Dissertations Development, ed. 2016 Volume 7 Nomor 12. *the Journal of Education and Practice, http://files. eric. ed. gov/fulltext/EJ1099557. pdf (diakses 25 September 2017)*. https://www.researchgate.net/profile/Richmond-Amoateng/publication/350411462_ENHANCING_ELECTRONIC_THESES_AND_DISSERTATION_DEVELOPMENT_Self-Paced_Interactive_Multimedia_Courseware_Learning_Review/links/605e4635a6fdccbfea0b3e73/ENHANCING-ELECTRONIC-THESES-AND-DISSERTATION-DEVELOPMENT-Self-Paced-Interactive-Multimedia-Courseware-Learning-Review.pdf

40. **Akosua Tachie-Menson** (2015). Instructional strategies for effective teaching and learning of creative arts: The dilemma of generalist teachers in Ghana. *Global Journal of Human-Social Science Research*. https://www.academia.edu/download/102752114/2-Instructional-Strategies-for-Effective-Teaching.pdf

41. NA Opoku-Asare, **A Tachie-Menson**, HB Essel (2015). Perceptions, Attitudes and Institutional Factors That Influence Academic Performance of Visual Arts Students in Ghana's Senior High School Core Curriculum Subjects. *Journal of Education and Practice*. https://eric.ed.gov/?id=EJ1079077

42. **A Tachie-Menson**, NA Opoku-Asare, HB Essel (2015). Teaching and learning of drawing for book design and illustration: A study of higher education in publishing. *Global Journal of Human-Social Science: Arts & Humanities–Psychology*. https://www.academia.edu/download/76182016/3-Teaching-and-Learning-of-Drawing.pdf

43. **Akosua Tachie-Menson** (2014). Developing three-dimensional instructional materials from locally available resources for science education in primary schools, Ghana. *Ghana (Doctoral dissertation, School of*

Graduate Studies, Kwame Nkrumah University of Science and Technology). https://scholar.google.com/scholar?cluster=17498448580932430555&hl=en&oi=scholarr

44. **Akosua Tachie-Menson**, SAM NEWTON, NANCY KASS (2011). PARTICIPANTS' PERCEPTIONS OF RESEARCH BENEFITS IN AN AFRICAN GENETIC EPIDEMIOLOGY STUDY. *Developing World Bioethics*. https://doi.org/10.1111/j.1471-8847.2011.00309.x

Conference papers 2

1. HB Essel, **A Tachie-Menson** (2025). Contextualizing Interactive Animation for Antenatal Education: A Design-based Learning Intervention with Global Health Implications. *International Conference on Applied Arts, Design, and Sustainability (ICAADS 2025)*. https://www.atlantis-press.com/proceedings/icaads-25/126019500
2. HB Essel, **A Tachie-Menson** (2025). Examining Digital Animation's Influence on Maternal Learning through Modified Uses and Gratification Theory Lens. *International Conference on Applied Arts, Design, and Sustainability (ICAADS 2025)*. https://www.atlantis-press.com/proceedings/icaads-25/126019503

Theses 4

1. **Akosua Tachie-Menson** (2018). Indigenous Leather for the Production of Instructional Materials for Natural Science Education. *KNUST*. https://scholar.google.com/scholar?cluster=14568361552378688818&hl=en&oi=scholarr
2. **Akosua Tachie-Menson** (2018). Recycling Wood Off-Cuts to Develop Instructional Materials for Creative Arts Education at Bomso M/A Primary School in Kumasi. *Department of Educational Innovations in Science and Technology, Kwame Nkrumah University of Science and Technology, Kumasi*.
3. **Akosua Tachie-Menson** (2017). ART THERAPY AS AN INTERVENTION TO MITIGATE THE TRAUMATIC EFFECTS EXPERIENCED BY VICTIMS OF HUMAN-TRAFFICKING: A CASE OF KUMASI METROPOLIS, GHANA. *Department of Educational Innovations in Science and Technology, Kwame Nkrumah University of Science and Technology, Kumasi*. https://scholar.google.com/scholar?cluster=16383587063244270596&hl=en&oi=scholarr
4. **Akosua Tachie-Menson** (2017). THE USE OF CREATIVE ARTS TO TEACH CHALLENGING TOPICS IN ENGLISH LANGUAGE, MATHEMATICS AND NATURAL SCIENCE AT. *School of Graduate Studies, Kwame Nkrumah University of Science and Technology*. https://www.researchgate.net/profile/Betty-Essuman/publication/343760891_THE_USE_OF_CREATIVE_ARTS_TO_TEACH_CHALLENGING_TOPICS_IN_ENGLISH_LANGUAGE_MATHEMATICS_AND_NATURAL_SCIENCE_AT_KWAME_NKRUMAH_UNIVERSITY_OF_SCIENCE_AND_TECHNOLOGY_PRIMARY_SCHOOL_IN_KUMASI_ASHANTI_REGION_G/links/5f3e38fb92851cd302082311/THE-USE-OF-CREATIVE-ARTS-TO-TEACH-CHALLENGING-TOPICS-IN-ENGLISH-LANGUAGE-MATHEMATICS-AND-NATURAL-SCIENCE-AT-KWAME-NKRUMAH-UNIVERSITY-OF-SCIENCE-AND-TECHNOLOGY-PRIMARY-SCHOOL-IN-KUMASI-ASHANTI-REGION.pdf