Regina Mawusi Nugba

Lecturer · Education Foundation
University of Cape Coast

ORCID 0000-0002-3537-645X · Homepage directory.ucc.edu.gh/p/regina-mawusi-nugba · Google Scholar scholar.google.com/citations?user=f5gkslkAAAAJ&hl=en&oi=ao · Web of Science publons.com/researcher/5209767/regina-mawusi-nugba · ResearchGate researchgate.net/profile/Regina-Nugba/research · Google Scholar scholar.google.com/citations?user=f5gkslkAAAAJ&hl=en · Profile scholar.ucc.edu.gh/staff/c0413947-fafc-447a-9985-b4e5f7681d15

RESEARCH

Interests	Measurement and Evaluation
Areas	Education · Social Psychology · Applied Psychology · Experimental and Cognitive Psychology · Information Systems · Management Science and Operations Research

RESEARCH SUMMARY

25	131	6	4	2.10	45%
Publications	Citations	h-index	i10-index	Field-weighted impact	World top 10%

Counted from the 25 publications listed below, 2020–2026. Field-weighted impact is the mean over the 20 works scored for it; 1.00 is the world average for works of the same field, type and year. 9 of the 20 papers scored for it are among the world's most cited tenth for their field, type and year.

POSITIONS

Lecturer 2021–present
Department of Education and Psychology, University of Cape Coast, Cape Coast, Ghana

EDUCATION AND QUALIFICATIONS

PhD Measurement and Evaluation 2015–2019
Department of Education and Psychology, University of Cape Coast, Cape Coast, Ghana

PUBLICATIONS

Journal articles 25

1. Francis Ankomah, Ruth Keziah Annan-Brew, Kenneth Asamoah-Gyimah, **Regina Mawusi Nugba**, Eric Anane, George Oduro-Okyireh (2026). Dependability of preservice clinical teaching scores using Generalizability Theory. *Frontiers in Psychology*. https://doi.org/10.3389/fpsyg.2026.1728374
2. **Regina M Nugba** (2026). Effect of Differentiated Instruction and Assessment Strategies on Primary Four Students' Achievement in Mathematics. *African Journal of Educational Studies in Mathematics and Sciences*. https://www.ajol.info/index.php/ajesms/article/view/331556
3. Christine Pokuaa Antwi, **Regina Mawusi Nugba** (2026). Effectiveness of the Standards-Based Curriculum Implementation in the Amansie West District of Ghana. *East African Journal of Interdisciplinary Studies*. https://doi.org/10.37284/eajis.9.1.4477
4. **Regina Mawusi Nugba** (2026). Quality, efficiency and equity in postgraduate supervision: A partial least squares structural equation modelling [PLS-SEM] study of student success and supervision outcomes at …. *SCIENCE MUNDI*. http://sciencemundi.net/ojs/index.php/scimundi/article/view/214
5. Angela Wireko Acheampong, Felix Senyametor, **Regina Mawusi Nugba**, Emmanuel Dorsah, Kwame Nkrumah, Seth Gideon Aryee (2025). Impact of Instructional Role of Supervisors on Students' Academic Performance in Selected Senior High Schools. *Journal of Online and Distance Learning*. https://doi.org/

10.47941/jodl.3132

6. Samuel Oppong, Nathaniel Quansah, **Regina Mawusi Nugba**, Vera Rosemary Ankoma-Sey, Samuel Yaw Ampofo, Gabriel Essilfie (2024). ASSESSMENT FAIRNESS AT THE UNIVERSITY OF CAPE COAST: EVALUATING THE FACTOR STRUCTURE AND MEASUREMENT INVARIANCE ACROSS GENDER. *European Journal of Education Studies*. https://doi.org/10.46827/ejes.v11i3.5233
7. Edmond Kwesi Agormedah, Francis Ankomah, Medina Srem-Sai, **Regina Mawusi Nugba**, Frank Quansah, John Elvis Hagan, Orkan Okan, Kevin Dadaczynski, Thomas Schack (2024). Effects of Gender and Age Interaction on Sense of Coherence and Subjective Well-Being of Senior High School Students in Northern Ghana. *Education Sciences*. https://doi.org/10.3390/educsci14020178
8. **Regina Mawusi Nugba** (2024). Practices of School-Based Assessment: The Junior High School Teachers Perspective. *J Adv Educ Philos*. https://www.saudijournals.com/media/articles/JAEP_86_424-429_qs8a4te.pdf
9. G. Oduro-Okyireh, K. Asamoah-Gyimah, T. Oduro-Okyireh, **R. M. Nugba** (2024). Reliability of Students' Teaching Practice Scores Using Generalizability Theory. *African Journal Of Applied Research*. https://doi.org/10.26437/ajar.v10i1.666
10. Frank Quansah, Edmond K. Agormedah, Francis Ankomah, Medina Srem-Sai, **Regina M. Nugba**, John E. Hagan, Thomas Schack (2024). Revalidation of Teachers' Sense of Efficacy Scale using Ghanaian in-service teachers: Multidimensional item response theory with factor analyses. *Psychology in the Schools*. https://doi.org/10.1002/pits.23137
11. John Elvis Hagan, Frank Quansah, James B. Frimpong, Edmond K. Agormedah, **Regina Mawusi Nugba**, Medina Srem-Sai, Thomas Schack (2023). Gender digital health literacy gap across age: A moderated moderation effect on depression among in-school adolescents in Ghana during COVID-19. *Psychology in the Schools*. https://doi.org/10.1002/pits.22942
12. Samuel Oppong, **Regina Mawusi Nugba**, Eugene Asamoah, Nathaniel Quansah, Vera Rosemary Ankoma-Sey (2023). TEACHERS CONFIDENCE OF CLASSROOM ASSESSMENT PRACTICES: A CASE OF BASIC SCHOOLS IN UPPER DENKYIRA WEST DISTRICT, GHANA. *European Journal of Education Studies*. https://doi.org/10.46827/ejes.v10i11.5063
13. Felix Senyametor, Vida Naa Abagbana, **Regina Mawusi Nugba**, Angelina Adu, Michael Adu Asabere (2023). The Role of Academic Performance and Peer Influence in Senior High School Students' Programme Choice in Ghana. *British Journal of Multidisciplinary and Advanced Studies*. https://doi.org/10.37745/bjmas.2022.0136
14. VR Ankoma-Sey, G Essilfie, F Quansah, **RM Nugba** (2022). Distance education students' readiness for online learning at the University of Cape Coast, Ghana. *Handbook of research on distance education in Ghana*. https://scholar.google.com/scholar?cluster=10945934575227939974&hl=en&oi=scholarr
15. **Regina Mawusi Nugba**, Francis Kodzo Amedahe, Kenneth Asamoah-Gyimah (2022). Role of Input, Process Factors and School Context on the Effectiveness of Junior High School Education in the Central Region of Ghana. *International Journal of Secondary Education*. https://doi.org/10.11648/j.ijsedu.20221001.11
16. Justine Abla Addadey, Frank Quansah, **Regina Mawusi Nugba**, Vera Rosemary Ankoma-Sey (2022). Trapped in the 'Web': Challenges of Grade 9 Pupils in Choosing a Course to Pursue in Senior High Schools in Ghana. *Open Education Studies*. https://doi.org/10.1515/edu-2022-0006
17. Frank Quansah, John Elvis Hagan, Francis Ankomah, Edmond Kwesi Agormedah, **Regina Mawusi Nugba**, Medina Srem-Sai, Thomas Schack (2022). Validation of the WHO-5 Well-Being Scale among Adolescents in Ghana: Evidence-Based Assessment of the Internal and External Structure of the Measure. *Children*. https://doi.org/10.3390/children9070991
18. **Regina Mawusi Nugba**, Frank Quansah, Francis Ankomah, Enoch Ewoenam Tsey, Vera Rosemary Ankoma-Sey (2021). A Trend Analysis of Junior High School Pupils' Performance in the Basic Education Certificate Examination (BECE) in Ghana. *International Journal of Elementary Education*. https://doi.org/10.11648/j.ijeedu.20211003.15
19. **Regina Mawusi Nugba**, Frank Quansah, Francis Ankomah, Enoch Ewoenam Tsey, Vera Rosemary Ankoma-Sey (2021). Prevailing Status of Educational Process Factors in Junior High Schools in the Central Region

of Ghana. *Asian Journal of Education and Social Studies*. https://doi.org/10.9734/ajess/2021/v24i230575

20. **Regina Mawusi Nugba**, Frank Quansah (2021). Standardized Achievement Testing, Aptitude Testing, and Attitude Testing: How Similar or Different are these Concepts in Educational Assessment? *Asian Journal of Education and Social Studies*. https://doi.org/10.9734/ajess/2021/v15i330383
21. **Regina Mawusi Nugba** (2021). The Status of Educational Input Factors in Junior High Schools in the Central Region of Ghana. *American Journal of Education and Learning*. https://doi.org/10.20448/804.6.1.50.63
22. **REGINA MAWUSI Nugba** (2020). Evaluation of the effectiveness of junior high school education in the Central Region of Ghana. *Unpublished master‟s thesis. University of Cape Coast, Cape Coast, Ghana*. https://ir.ucc.edu.gh/server/api/core/bitstreams/03e87352-5ae3-47bb-8275-d8a45652a93f/content
23. **Regina Mawusi Nugba**, Frank Quansah (2020). STUDENTS' PERCEPTION OF LECTURERS' ASSESSMENTS: A CASE OF UNIVERSITY OF CAPE COAST, GHANA. *Open Access Publishing Group - European Journal of Education Studies*. https://doi.org/10.46827/ejes.v7i11.3379
24. Francis Ankomah, **Regina Mawusi Nugba** (2020). Validation of Test Construction Skills Inventory through the lens of Item Response Theory (IRT). *American Journal of Creative Education*. https://doi.org/10.20448/815.32.86.100
25. Joseph Kweku Ansah, Frank Quansah, **Regina Mawusi Nugba** (2020). 'Mathematics Achievement in Crisis': Modelling the Influence of Teacher Knowledge and Experience in Senior High Schools in Ghana. *Open Education Studies*. https://doi.org/10.1515/edu-2020-0129