Andrew Owusu-Ansah

Assistant Lecturer · Optometry
University of Cape Coast

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RESEARCH

Interests	Optometry and Vision Science · glaucoma · ocular diagnostics · ocular imaging · ocular disease · clinical optometry
Areas	Epidemiology · Ophthalmology · Radiology, Nuclear Medicine and Imaging · Public Health, Environmental and Occupational Health · Clinical Psychology · Cognitive Neuroscience

RESEARCH SUMMARY

18	271	10	11	0.98	0%
Publications	Citations	h-index	i10-index	Field-weighted impact	World top 10%

Counted from the 18 publications listed below, 2013–2026. Field-weighted impact is the mean over the 16 works scored for it; 1.00 is the world average for works of the same field, type and year. 0 of the 16 papers scored for it are among the world's most cited tenth for their field, type and year.

POSITIONS

Lecturer 2014–present
Optometry, University of Cape Coast, Cape Coast, Ghana

EDUCATION AND QUALIFICATIONS

Ph.D 2015–present
Central South University, Changsha, China

Professional Certificate in Glaucoma 2023
College of Optometrists, London, United Kingdom

MMed (Clinical Ophthalmology) 2010–2013
Ophthalmology, 2nd Xiangya Hospital of Central South University, Central South University, Changsha, China

Doctor of Optometry 2002–2008
Optometry, University of Cape Coast, Cape Coast, Ghana

DISTINCTIONS, MEMBERSHIPS AND SERVICE

Full 2009–present
Ghana Optometric Association, Accra, Ghana

Full
Ghana Optometric Glaucoma Society, Accra, Ghana

PUBLICATIONS

Journal articles 17

1. **Andrew Owusu-Ansah** (2026). RTVue OCT metrics reveals physiologically large optic discs in a West African cohort. *Investigative Ophthalmology & Visual Science*. https://iovs.arvojournals.org/article.aspx?articleid=2817603
2. Charles Darko-Takyi, Youfegan B. Mathurin, Emmanuel Essien, Sandra Owusu, Osei A. Yaw Jnr, Kwame O. Osei, Selina Holdbrook, **Andrew Owusu-Ansah** (2025). Agreement between intraocular pressure measurement using Goldmann applanation tonometry with and without fluorescein in consecutive Ghanaian patients. *Ghana Medical Journal*. https://doi.org/10.4314/gmj.v59i3.4
3. Emmanuel Kwasi Abu, Carl Halladay Abraham, Albert Kofi Dadzie, Enyam Amewuho Morny, Michael Ntodie, Stephen Ocansey, Samuel Abokyi, **Andrew Owusu-Ansah**, Naa Adjeley Addo, Michael Williams, Asantewaa Aboagye-McCarthy, Godfred Sakyi-Badu, Paa Kwesi Fynn Hope, Peter Osei-Wusu Adueming (2023). Central contrast sensitivity perimetry discriminates between glaucomatous and non-glaucomatous eyes. *Therapeutic Advances in Ophthalmology*. https://doi.org/10.1177/25158414231208284
4. Alex Ilechie, Thomas Mensah, Carl Halladay Abraham, Naa Adjeley Addo, Michael Ntodie, Stephen Ocansey, Samuel Bert Boadi-Kusi, **Andrew Owusu-Ansah**, Ngozi Ezinne (2022). Assessment of four validated questionnaires for screening of dry eye disease in an African cohort. *PubMed*. https://doi.org/10.1016/j.clae.2021.101468
5. Alex Azuka Ilechie, Naa Adjeley Addo, Carl Halladay Abraham, **Andrew Owusu-Ansah**, Alex Annan-Prah (2021). Accuracy of Noncycloplegic Refraction for Detecting Refractive Errors in School-aged African Children. *Optometry and Vision Science*. https://doi.org/10.1097/opx.0000000000001742
6. Charles Darko-Takyi, **Andrew Owusu-Ansah**, Frank Boampong, Enyam Komla Morny, Francisca Hammond, Stephen Ocansey (2021). Convergence insufficiency symptom survey (CISS) scores are predictive of severity and number of clinical signs of convergence insufficiency in young adult Africans. *Journal of Optometry*. https://doi.org/10.1016/j.optom.2021.05.001
7. Stephen Ocansey, Emmanuel K. Abu, Carl Halladay Abraham, **Andrews Owusu-Ansah**, Caleb Acheampong, Frederick Mensah, Charles Darko-Takyi, Alex Ilechie (2021). Socio-demographic factors modify awareness, knowledge, and perceived risk of glaucoma in rural and urban residents in Ghana: a population-based survey. *Therapeutic Advances in Ophthalmology*. https://doi.org/10.1177/2515841421998099
8. SAMUEL BERT BOADI-KUSI OD, Emmanuel Kwasi Abu, **Andrew Owusu-Ansah**, Shadrack Mensah, John Oduro-Boateng, Rene Abalo Kojo, Samuel Kyei, Samuel Bert Boadi-Kusi, Obed Amoah-Smith, Enyam Komla Amewuho Morny, Charles Darko-Takyi, Carl Halladay Abraham, Benjamin Appiah Nyamekye, Alex Azuka Ilechie (2020). Normative Values of Retinal Nerve Fibre Layer Thickness and Optic Nerve Head Parameters and Their Association with Visual Function in an African Population. *Journal of Ophthalmology*. https://doi.org/10.1155/2020/7150673
9. SAMUEL BERT BOADI-KUSI OD, Emmanuel Kwasi Abu, Carl Halladay Abraham, **Andrew Owusu-Ansah**, Samuel Bert Boadi-Kusi, Alex Azuka Ilechie, Desmond Omane Acheampong (2020). Ocular Symptoms of SARS-CoV-2: Indication of Possible Ocular Transmission or Viral Shedding. *Ocular Immunology and Inflammation*. https://doi.org/10.1080/09273948.2020.1799035
10. Samuel Kyei, Alfred Asiem Nketsiah, Kofi Asiedu, Agnes Awuah, **Andrew Owusu-Ansah** (2017). Onset and duration of cycloplegic action of 1% cyclopentolate – 1% tropicamide combination. *African Health Sciences*. https://doi.org/10.4314/ahs.v17i3.36
11. Emmanuel Kwasi Abu, Johnson Nyarko Boampong, Joseph Kwame Amoabeng, Alex A. Ilechie, Samuel Kyei, **Andrew Owusu-Ansah**, Samuel Bert Boadi-Kusi, Benjamin Amoani, Irene Ayi (2016). Epidemiology of Ocular Toxoplasmosis in Three Community Surveys in the Central Region of Ghana, West Africa. *Ophthalmic Epidemiology*. https://doi.org/10.3109/09286586.2015.1089579
12. SAMUEL BERT BOADI-KUSI OD, **Andrew Owusu-Ansah**, Samuel Bert Boadi-Kusi, Dennis Nii Abbey,

Emmanuel Kwasi Abu (2016). Occupational hazards correlates of ocular disorders in Ghanaian fisheries. *Healthcare in Low-resource Settings*. https://doi.org/10.4081/hls.2016.5482

13. C. Darko-Takyi, **A. Owusu-Ansah**, C. Appiah-Eduenu, E.K. Abu, S.B. Boadi-Kusi, Y. Osei-Akoto (2016). Refractive and binocular vision status of optometry students, Ghana. *Journal of Medical and Biomedical Sciences*. https://doi.org/10.4314/jmbs.v5i2.4
14. Samuel Bert Boadi-kusi, Michael Ntodie, Khathutshelo Percy Mashige, **Andrew Owusu-ansah**, Kwaku Antwi osei (2015). A cross-sectional survey of optometrists and optometric practices in Ghana. *Clinical and Experimental Optometry*. https://doi.org/10.1111/cxo.12291
15. EmmanuelKwasi Abu, SamuelBert Boadi-Kusi, PrinceOpuni Quarcoo, Samuel Kyei, **Andrew Owusu-Ansah**, Charles Darko-Takyi (2015). Ocular health and safety assessment among mechanics of the cape coast metropolis, Ghana. *Journal of Ophthalmic and Vision Research*. https://doi.org/10.4103/2008-322x.158890
16. Alex Azuka Ilechie, Samuel Abokyi, **Andrew Owusu-Ansah**, Samuel Bert Boadi-Kusi, Andrew Kofi Denkyira, Carl Halladay Abraham (2015). Self-refraction Accuracy with Adjustable Spectacles among Children in Ghana. *Optometry and Vision Science*. https://doi.org/10.1097/opx.0000000000000561
17. SAMUEL BERT BOADI-KUSI OD, Samuel Kyei, Frederick Afum Asare, **Andrew Owusu-Ansah**, Agnes Awuah, Charles Darko-Takyi (2015). Visual function among commercial vehicle drivers in the central region of Ghana. *Journal of Optometry*. https://doi.org/10.1016/j.optom.2015.06.004

Theses 1

1. **Andrew Owusu-Ansah** (2013). 1% 环喷托酯—托吡卡混合眼药水与 1% 阿托品散瞳效果的比较. *中南大学*. https://scholar.google.com/scholar?cluster=8549708073796453129&hl=en&oi=scholarr