CURRICULUM VITAE

DR. SYLVESTER KYEREMEH
Department of Optometry and Visual Science
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1. ACADEMIC DEGREES AND INSTITUTIONS ATTENDED

a. Academic degrees

PhD in Optometry (student)	Present
Master of Optometry	April, 2019
Doctor of Optometry	August, 2012

b. Institutions attended

University of KwaZulu-Natal, Durban South Africa	2021 to date
University of KwaZulu-Natal, Durban South Africa	Dec 2014 -Mar, 2019
Kwame Nkrumah University of Science and Technology	June 2006 - Aug, 2012

2. UNIVERSITY TEACHING AND RESEARCH EXPERIENCE

a) Academic Ranks held

Lecturer, Department of Optometry and Visual Science, KNUST	Aug., 2024 - present
Assistant Lecturer, Department of Optometry and Visual Science, KNUST	Nov., 2021 - July, 2024
Part-time Lecturer: Department of Optometry and Visual Science, KNUST	Aug., 2020 - Nov., 2021

b) Publications

Multiple publications in peer-reviewed journals and conference proceedings

3. RECORD OF SERVICE TO COMMUNITY

a. Record of service to the community (University)

1	Examination Officer	Nov., 2023- present
2	Assistant Examination Officer	Jan., 2022-Oct., 2023
3	Member, KNUST Bursary and SRC-KBN Interview Panel	Feb., 2023 - present
4	Presenter, Faculty of Biosciences Seminar Series	June, 2023
5	Member, Optometry Department Representatives for outreach engagement on GCTV/Radio	Sep., 2023
6	Department Industrial Liaison Officer for the Department of Optometry and Visual Science, KNUST	July, 2022

	Academic Tutor, Fifth year students, Department of Optometry and Visual Science	Nov., 2026 - present
7	Academic Tutor, First year Students, Department of Optometry and Visual Science	Jan., 2021 - 2022
8	Clinical Coordinator, Department of Optometry and Visual Science	Jan., 2022 - present
9	Clinical Internship & Externship Coordinator, Department of Optometry and Visual Science	Jan., 2022 - present
10	Outreach coordinator	Jan., 2022 - present
11	Academic Tutor for year 2	Jan., 2022 - 2026
12	Secretary, Optometry Clinic Committee	Jan., 2022 - present
13	Member, Website Management Committee, Department of Optometry and Visual Science	Jan., 2022 - present

b. Record of service to the community (National - Administrative)

1	Member, National Executive Committee for the Ghana Optometric Association	Oct, 2022-present
2	Ashanti Zonal Representative for the Ghana Optometric Association	Oct, 2022-present
3	Secretary, Education Committee for the Ghana Optometric Association	Jan, 2023 - present
4	Member, Eye health education and screening at Gazelle Community School, Kotei	Jan, 2022
5	Member, Welfare Committee of the Ghana Optometric Association	Feb, 2023 - present

c. Record of service to the community (National - Clinical)

6	Founder and Clinician, NOVA Eye Care Services	2025 - present
7	Coordinator, Eye health education and screening for Northern Zone Research Staff Association, Council for Scientific and Industrial Research (CSIR)	June, 2026
8	Coordinator, Eye health education and screening for Senior Staff Association and General Agricultural Workers Union, Crops Research Institute, Council for Scientific and Industrial Research (CSIR)	June, 2026
9	Senior Optometrist, St. Martin’s Catholic Hospital, Agroyesum	2019 - 2022
10	Optometrist, St. Martin’s Catholic Hospital, Agroyesum	2019 - 2022
11	Optometrist, St. Martin’s Catholic Hospital, Agroyesum	2014 - 2019
12	Optometrist, Yeboah Christian Optical Center Ltd, Berekum	2013 - 2014

d. Record of service to the community (International)

1	Facilitator, Maiden Research Day by the Center for Eye Care and Public Health Intervention Initiative (CEPHII) - Volunteer Optometric Services to Humanity (VOSH International)	2026
2	Member, Centre for Eye Care and Public Health Intervention Initiative (CEPHII)	2022 - present
3	Member, Legislation, Registration & Standards Committee for the African Council of Optometry	2021-2023
4	Member, Association for Researchers in Vision and Ophthalmology (ARVO)	2023
5	Member, International Association of Contact Lens Educators (IACLE)	2021 - present

4. PUBLICATIONS AND CONFERENCE PROCEEDINGS

a. Publications -Journal articles

1. **Kyeremeh S**, Mashige KP and Naidool KS. Myopia awareness and preferences for myopia information: perception of basic school children in the Kumasi Metropolis and Bekwai Municipality, Ghana. 2026.

2. **Kyeremeh S**, Mashige PK and Naidoo KS. Myopia awareness and knowledge among parents in Kumasi Metropolis and Bekwai Municipality. Journal of Public Health in Africa 2025; 16: 1522.

3. **Kyeremeh S** and Mashige KP. Availability of low vision services and barriers to their provision and uptake in Ghana: practitioners' perspectives. African Health Sciences 2021; 21: 896.

4. Ahmed A-S, Sheini F, Okwe NS, Acquah MS and **Kyeremeh S.** Prevalence Of Aniseikonia Among Students Wearers of Corrective Spectacles And Pseudophakes in The Kumasi Metropolis: Aniseikonia among selected spectacles wearers. Journal of Science and Technology 2026: 1-10.

5. Akuffo KO, Agyekum S, **Kyeremeh S**, Andoh AKA, Osei Duah Junior I, Boateng JA, Mensah NAO, Acquah EA, Owiredu D and Darrah S. Effectiveness of low vision rehabilitation on visual function and quality of life in Sub-Saharan Africa: a systematic review. Frontiers in Rehabilitation Sciences 2026; 7: 1878737.

6. Akuffo KO, Ampong J, Boateng JA, Yeboah CO, Quansah LA, Baafi RA, Yeboah EA, Osei Duah Junior I, Agyekum S and **Kyeremeh S**. Clinical profiles, referral patterns and low vision aid prescribing across four rehabilitation centres in Ghana: protocol for a multicentre retrospective record review. Frontiers in Medicine 2026; 13: 1936778.

7. Akuffo KO, **Kyeremeh S**, Agyekum S, Osei Duah Junior I, Ampong J, Okine M, Andoh AKA, Agbeshie GK, Boateng JA and Mensah NAO. Low vision services in sub-Saharan Africa: a systematic review. Frontiers in Health Services 2026; 6: 1839924.

8. Boateng J, **Kyeremeh S**, Andoh AKA, Junior IOD, Eisenbarth W, Agyekum S and Baidoo DA. Visual impairment among children living in the Ashanti Region of Ghana. Investigative Ophthalmology & Visual Science 2026; 67: 3052-3052.

9. Boateng JA, Eisenbarth W, **Kyeremeh S**, Andoh AKA, Osei Duah Junior I, Baidoo DA, Agyekum S, Boateng D, Antwi E and Akuffo KO. Prevalence of visual impairment and associated risk factors: a cross-sectional community-based study among children and adolescents in Ghana. Frontiers in Ophthalmology 2026; 6: 1829462.

10. Mensah NAO, Boateng JA, Osei Duah Junior I, Andoh AKA, Osei GC, **Kyeremeh S**, Agyekum S, Agbeshie GK, Eisenbarth W and Akuffo KO. Childhood visual impairment and health-related quality of life in Ghana: evidence from a cross-sectional study. Health and Quality of Life Outcomes 2026.

11. Osuagwu UL, Rasengane T, Ovenseri-Ogbomo GO, Nsubuga N, Govender P, Metsing TI, **Kyeremeh S**, Mashige KP, Daoudu D and Ekpenyong B. Mapping the landscape of optometric education in Sub-Saharan Africa. Clinical and Experimental Optometry 2025; 108: 282-292.

12. Ezinne NN, Kyei S, Obinwanne CJ, Rasengane TA, Mashige KP, Agho KE, Asiamah R, Ekpenyong BN, Ocansey S, Ndep AO, **Kyeremeh S**, Ovenseri-Ogbomo G, Ekure E, Ogbuehi KC, Naidoo KS, Westbrook N, Waretow H, Asiedu K, Osuagwu UL; All a u t h o r s are members of the Centre for Eyecare Public Health Intervention Initiative CEPHII. Normative corneal biometric parameters in African populations: A systematic review and meta-analysis. Cont Lens Anterior Eye. 2025 Jul;48(4):102412. doi: 10.1016/j.clae.2025.102412. Epub 2025 Mar 25. PMID: 40140266.

13. Ahmed A-S, Mohammed A-K, Yeboah W, Amedoe SEK, Addo E and **Kyeremeh S.** Dry Eye and Sleep Disorders among Optometry Students in KNUST Amidst On-Line Teaching and Learning: A Cross-Sectional Study. Journal of Science and Technology 2024; 42: 13-21.

14. Akowuah PK, Obinwanne CJ, Owusu E, **Kyeremeh S**, Bonsu K, Karikari LAA, Akomeah FA, Nkansah EK and Kobia-Acquah E. Platelet-rich plasma for treating dry eye disease–A systematic review and meta-analysis. Contact Lens and Anterior Eye 2024; 47: 102091.

15. Amponsah MM, Awuni HA, **Kyeremeh S** and Koomson NY. Association Between Myopia And The Abo/Rh Blood Groups Among College Of Science Students, KNUST. Journal of Science and Technology 2024; 1: 112-122.

16. Ocansey S, Ekure E, Osuagwu UL, Ekpenyong BN, Ovenseri-Ogbomo G, **Kyeremeh S**, Ogbuehi KC, Agho KE, Mashige KP and Ndep AO. Profiling and factors associated with glaucoma diagnostic practice in sub-Saharan Africa-a cross sectional study of Nigerian and Ghanaian optometrists. BMC ophthalmology 2023; 23: 351.

17. Osuagwu UL, Ocansey S, Ndep AO, **Kyeremeh S**, Ovenseri-Ogbomo G, Ekpenyong BN, Agho KE, Ekure E, Mashige KP and Ogbuehi KC. Demographic factors associated with myopia knowledge, attitude and preventive practices among adults in Ghana: a population-based cross-sectional survey. BMC public health 2023; 23: 1712.

18. Kumah DB, Mohammed AK, Ablordeppey RK, **Kyeremeh S** and Osae E. Eye condition among fire officers in the Brong Ahaf o Region, Ghana. Int J Open Access Ophthalmology 2017; 2: 5.

b. Publications – Conference proceedings

1. Eisenbarth W, Mensah NAO, Boateng JA, Junior IOD, Andoh AKA, Osei GC, **Kyeremeh S**, Agyekum S, Agbeshie GK and Baidoo DA. Visual Impairment and Pediatric Quality of life in the Ashanti Region of Ghana. Investigative Ophthalmology & Visual Science 2026; 67: 5602-5602.

2. Sarfo L, **Kyeremeh S**, Yanney CN, Darrah S, Tchiakpe MP, Kumah DB and Kabir MA. Prevalence and associated risk factors of symptomatic dry eye in a Ghanaian student population. Investigative Ophthalmology & Visual Science 2026; 67: OD59-OD59.

3. Eisenbarth W, **Kyeremeh S**, Duah IJO, Boakye NP, Boateng J, Tchiakpe MP, Koomson NY and Akuffo KO. Systematic Approach to Low Vision: a Novel Protocol to Optimize Low Vision Care in West Africa. Investigative Ophthalmology & Visual Science 2024; 65: 5979-5979.

4. Eisenbarth W, **Kyeremeh S**, Agyekum S, Koomson NYK, Anyimadze ST, Amoah EK, Acquah EE, Odoi F, Khadija BA and Kyeretwie NK. Visual impairment in disability schools in the Ashanti region of Ghana. Investigative Ophthalmology & Visual Science 2025; 66: 5162-5162.

5. Akuffo KO, **Kyeremeh S**, Duah IJO, Danquah PO, Tchiakpe MP, Boateng J, Koomson NY, Owusu E and Eisenbarth W. Challenges to use of low vision assistive devices among patients with residual vision. Investigative Ophthalmology & Visual Science 2024; 65: 5427-5427.

6. Akuffo KO, Duah IJO, Aduku LNE, Eisenbarth W, Kumah DB, **Kyeremeh S**, Lippok M, Apprey C, Hamidu JA and Singh B. Macular pigment optical density in the Bosomtwi District, Ghana. Investigative Ophthalmology & Visual Science 2022; 63: 3882–A0084-3882–A0084.

REFERENCES

1. Prof. Khathutshelo Percy Mashige, Head and Dean of School of Health Sciences, University of Kwazulu-Natal, Mashigek@ukzn.ac.za, +27824652699
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