**Centre for Eye Research Ireland +353 89 9664151**

**Technological University Dublin,** [**d19234789@mytudublin.ie**](mailto:d19234789@mytudublin.ie)

**Dublin, Ireland** [**kobiaacquah@yahoo.com**](mailto:kobiaacquah@yahoo.com)

**EDUCATION AND QUALIFICATION**

SEPT 2019 – DATE Postgraduate Research Student, Centre for Eye Research Ireland, Technological University Dublin

SEPT 2014 – SEPT 2015 London School of Hygiene and Tropical Medicine (MSc. Public Health for Eye Care)

AUG 2011 – JULY 2012 L.V Prasad Eye Institute (Fellowship in Clinical Optometry)

AUG 2004 – MAY 2010 Kwame Nkrumah University of Science and Technology (Doctor of Optometry – First Class Division)

SEPT 2001 – JUNE 2003 Christian Methodist Senior High School (SSSCE)

**WORK EXPERIENCE (Position, Organization, Duties/Responsibilities)**

AUG 2013 – AUG 2019Lecturer – Department of Optometry and Visual Science, Kwame Nkrumah University of Science and Technology (KNUST), Kumasi – Ghana

**Duties/Responsibilities**

* Teaching: Lectures in Contact lens, Clinical Procedures, Community Eye Health for Optometrists, Clinical Seminar
* Research: Research interests include anterior segment and contact lens, public health optometry and vision science research. Supervision of students’ project work
* Community Service: Organising community outreach and vision screening programmes

MAY – JULY 2014Consultant Lecturer – Department of Optometry, Mzuzu University, Malawi

**Duties/Responsibilities**

* Teaching: Clinical Case Analysis, Physiological Optics, Optometric Practice Management, Introduction to Optometry
* Research: Supervised students project work

AUG 2012 – JUNE 2013Optometrist – Holy Trinity Medical Centre, North-Kaneshie, Accra

**Duties/Responsibilities**

Head of Eye department

Eye examination, diagnosis and treatment of eye diseases

Refraction, prescribing and dispensing of spectacle correction

Assessment and treatment of binocular vision disorders

Contact lens fitting and dispensing procedures

Ophthalmic procedures including visual fields and biometry

NOV 2010 – AUG 2011Internship – Ridge Hospital, Accra

**Duties/Responsibilities**

* Assisting in taking care of patients
* Refraction, prescribing and dispensing of spectacle correction
* Treatment of binocular vision disorders under supervision
* Eye examination, diagnosis and treatment of eye diseases

**POSITIONS AND AWARDS**

SEPT 2019 – DATE Technological University Dublin Scholarship, Technological University Dublin, Dublin, Ireland

SEP 2018 – AUG 2019 Examination Officer

Department of Optometry and Visual Science, KNUST

JUNE 2018 – SEPT 2019 Coordinator, KNUST and VOSH/International Contact Lens Project, Department of Optometry and Visual Science, KNUST

JAN 2018 – DATE Editorial Board Member

West African Journal of Eye Health and Vision Science

NOV 2017 – AUG 2018 Member, Faculty of Biosciences Seminar Committee, College of Science, KNUST – Kumasi

FEB 2017 – MAY 2018Member, Local Organizing Committee,

Sixth One-Day Research Seminar and Poster Presentation, Ghana Science Association/College of Science, KNUST – Kumasi

JAN 2017 – AUG 2018Assistant examination officer

Department of Optometry, KNUST – Kumasi

FEB 2016 – AUG 2019Externship/Internship Coordinator

Department of Optometry, KNUST - Kumasi

FEB 2016 – AUG 2019Outreach Coordinator

Department of Optometry, KNUST - Kumasi

FEB 2016 – AUG 2019Member, Optometry Clinic Committee

Department of Optometry, KNUST - Kumasi

SEPT 2014 – SEPT 2015Commonwealth Eye Health Consortium Scholarship, London School of Hygiene and Tropical Medicine, London, United Kingdom

**RESEARCH INTERESTS**

* Myopia
* Anterior Eye and Contact Lens Research
* Public Health Optometry
* Vision Science

**JOURNAL ARTICLE PUBLICATIONS**

* **Emmanuel Kobia-Acquah**, Prince Kwaku Akowuah, Ellen Konadu Antwi-Adjei, Philip Mensah Forkuo, Nana Yaa Koomson, Samuel Odoi Odotei, Emmanuel Alabi, Richard Donkor (2019). Contact lens complications among wearers in Ghana. *Contact Lens and Anterior Eye*, <https://doi.org/10.1016/j.clae.2019.11.003>.
* Amedo, A. O., Koomson, N. Y., **Kobia-Acquah, E.**, Pascal, T. M., Atuahene, J., Akowuah, P. K., Djeagbo T. P. & Baafi R., (2019). Comparison of the clinical estimation of cup-to-disk ratio by direct ophthalmoscopy and optical coherence tomography. *Therapeutic Advances in Ophthalmology*, 11, <https://doi.org/10.1177%2F2515841419827268>.
* Prince Ebenezer Adjei, Henry Nunoo-Mensah, **Emmanuel Kobia-Acquah**, Emmanuel Kofi Akowuah, (2018) Optic cup and optic disc analysis for glaucoma screening using pulse-coupled neural networks and line profile analysis, <https://doi.org/10.1109/MECBME.2018.8402434>.
* **E Kobia-Acquah**, TM Pascal, A Amedo, NY Koomson, TI Ankrah, S Ankamah-Lomotey and I Nkansa-Kyeremateng (2018). Visual Outcome after Cataract Surgery at the Sunyani Regional Hospital, Ghana. *EC Ophthalmology*, Vol 9, Issue 4, pp. 181 – 188.
* Michel Pascal Tchiakpe, Stephen Ankamah-Lomotey, **Emmanuel Kobia-Acquah**, Francis Slocombe, Ernest Kyei Nkansah, Philip Tetteh Djeagbo and Irene Nkansa-Kyeremateng (2018). The Ghanaian Patient’s Charter- Patient Awareness, and Implementation in Selected Public Ophthalmic Health Institutions in Ghana, *EC Ophthalmology,* 9.8 (2018): 594-601.
* **Kobia-Acquah E**, Essien E, Ablordeppey R, Donkor R, Ankamah-Lomotey S, Andrews N (2018). Attitudes and Beliefs of Undergraduate Students to Spectacle Wear in Ghana. *Advances in Ophthalmology and Visual Systems*, Vol 8, Issue 1, 00264.
* Andrews Nartey, Tchiakpe Michel Pascal, **Emmanuel Kobia-Acquah**, Stephen Ankamah-Lomotey, Bernice Appiah Ankrah (2017). Eye Injuries among Heavy Industries in Tema Metropolis, Ghana. *International Journal of Development Research*, Vol 7, Issue 10, pp. 16018-16114.
* Kumah DB, Abdul-Kabir M, **Kobia-Acquah E**, Amponsah MA, Ablordeppey RK, Kuutiero IWN, Ankrah BA (2017). Knowledge of Childhood Blindness among Mothers Visiting a Children’s Hospital in the Kumasi Metropolis, Ghana. *Advances in Ophthalmology and Visual Systems*, Vol 7, Issue 3, 00221.
* Nelson-Ayifah D, **Kobia-Acquah E**, Abdul-Sadik A,Kumah DB, AnkamahE (2017). Profile of Keratoconus in Selected Eye Clinics, Accra: A Retrospective Study. *Ophthalmology and Vision Science*, Vol 1, Issue 1, Pp. 8 – 16.
* N.Y. Koomson, A. O. Amedo, E. Owusu, **E. Kobia-Acquah**, K. K. Adjah, P.B. Ampeh, K. Bonsu (2015). Undercorrection of Myopia Reduces Lag of Accommodation in School Children in Kumasi, Ghana. *International Journal of Health Sciences and Research*, Vol. 5, Issue 2, Pp. 137-150.
* Koomson, N.Y., Amedo, A.O., Owusu, E., Ampeh, P.B., **Kobia-Acquah, E.**, Bonsu, K. (2014). Undercorrection induces peripheral myopia defocus in school children in Kumasi, Ghana. *International Journal of Innovation and Applied Studies*, Vol 9: 1598 – 1608.

**CONFERENCE PAPERS**

* **E. Kobia-Acquah**, P. Akowuah, E. Anarfi, E. Owusu, A. K. Boaitey, Assessment of post-operative visual acuity outcomes in patients with and without pre-operative biometry*, Association for Reseachers in Vision and Ophthalmology Annual Meeting 2020*, Baltimore Convention Center, Baltimore, Maryland, USA.
* **E. Kobia-Acquah**, P. M. Forkuo, E. K. Antwi-Adjei, S. O. Odotei, E. Alabi, E. N. Senanu, Contact lens complications among wearers in Ghana*, British Contact Lens Association Clinical Conference and Exhibition 2019*, Manchester Central Convention Complex, Manchester, UK.
* **E. Kobia-Acquah**, G. G. Atta-Penkrah, E. K. Antwi-Adjei, S. Odotei, E. Alabi, P. Akowuah, Prevalence of dry eye disease among glaucoma patients in Ghana*, Association for Reseachers in Vision and Ophthalmology Annual Meeting 2019*, Vancouver Convention Center, Canada.
* Prince Ebenezer Adjei, Henry Nunoo-Mensah, **Emmanuel Kobia-Acquah**, Emmanuel Kofi Akowuah, Optic cup and optic disc analysis for glaucoma screening using pulse-coupled neural networks and line profile analysis, 2018 Institute of Electricals and Electronics Engineers 4th Middle East Conference on Biomedical Engineering, Tunis, Tunisia
* **Kobia-Acquah**, P. Morjaria, M. Burton, Optometry Services in the Ashanti Region of Ghana, World Congress and Expo on Optometry and Vision Science 2017, Chicago, U.S.A
* Pascal T.M, **Kobia-Acquah E**, Appiah E.A, Amedo A, Koomson N.Y,Knowledge, attitudes, and practices of street vendors on ocular health in Oforikrom Sub-Metropolis, 6th Ghana Science Association Research Seminar and Poster Presentations 2017, College of Science, KNUST, Kumasi.

**MANUSCRIPTS UNDER REVIEW**

* Assessment of ocular surface disease in glaucoma patients in Ghana, Contact Lens and Anterior Eye Journal
* Career aspirations and associated factors among optometry students in Ghana, PLOS ONE Journal

**SUPERVISION OF UNDERGRADUATE STUDENTS PROJECT WORK**

2019/2010 Academic year 2 students

2018/2019 Academic year 4 students

2017/2018 Academic year 6 students

2016/2017 Academic year 3 students

2015/2016 Academic year 4 students

**CONFERENCE AND WORKSHOP PARTICIPATION**

MAY 2019 British Contact Lens Association Clinical Conference and Exhibition 2019, Manchester Central Convention Complex, Manchester, UK.

APRIL 2019 Association for Reseachers in Vision and Ophthalmology Annual Meeting 2019, Vancouver Convention Center, Canada.

JULY 2018 Two-Day Training-of-Trainers Workshop on Research Design and Implementation, College of Science, KNUST

JULY 2017 World Congress and Expo on Optometry and Vision Science 2017, Chicago, U.S.A

NOV 2013 1st Ghana Optometric Association Congress

Archdiocesan Conference Center

Koforidua

MAY 31 ‐ JUNE 3, 2012 EVIDENCE 2012 Hyderabad International Conference Center,

Organized By L.V Prasad Eye Institute, Hyderabad, India

MARCH 18, 2012 Vision Edge Training

Organized by Essilor PVT Ltd and Bausch and Lomb School of Optometry, L.V Prasad Eye Institute, Hyderabad, India

AUGUST 6 – 7, 2010 African Glaucoma Summit, Accra - Ghana Organized by World Glaucoma Association

**PROFESSIONAL ASSOCIATIONS**

* **Member**, American Academy of Optometry (AAO) (Since 2019)
* **Member,** British Contact Lens Association (BCLA) (Since 2019)
* **Member,** International Association of Contact Lens Educators (IACLE) (Since 2018)
* **Adviser,** StudentVolunteer Optometric Services to Humanity (SVOSH – KNUST) (Since 2018)
* **Member,** Ghana Science Association (Since 2016)
* **Member,** Association for Researchers in Vision and Ophthalmology (ARVO) (Since 2015)
* **Board Member,** Volunteer Optometric Services to Humanity (VOSH-Ghana) (Since 2015)
* **Member,** University Teachers Association of Ghana (UTAG) (Since 2013)
* **Member,** Ghana Optometric Association (GOA) (Since 2012)

**ACHIEVEMENTS**

* Dean’s Honour List for 2009/2010 Academic year
* President of Optometry Students Association of Ghana (KNUST Chapter) for the 2008/2009 Academic year
* Overall Best student of Optometry and Visual Science V for the 2008/2009 Academic year
* Dean’s Honour List for 2008/2009 Academic year
* Overall Best student of Optometry and Visual Science IV for the 2007/2008 Academic year
* Dean’s Honour List for 2007/2008 Academic year
* Overall Best student of Optometry and Visual Science III for the 2006/2007 Academic year
* Dean’s Honour List for 2006/2007 Academic year
* Overall Best student of Optometry and Visual Science II for 2004/2005 Academic year

**REFEREES**

* Prof. James Loughman

Director

Centre for Eye Research Ireland

Technological University Dublin

Dublin

Phone: +353 1 4022841

Email: [james.loughman@tudublin.ie](mailto:james.loughman@tudublin.ie)

* Dr. Nana Yaa Koomson

Senior Lecturer/Head

Department of Optometry

K. N. U. S. T

Kumasi

Phone: 00233 244465071

Email: [maamekay40@yahoo.com](mailto:maamekay40@yahoo.com)

* Dr. Remi Ninkpe

Optometrist/Ghana Optometric Association President

Police Hospital

Accra

Phone: 00233 244 298874

Email: [koabakah@yahoo.com](mailto:koabakah@yahoo.com)