

PERSONAL
INFORMATION

Ellen Konadu Antwi-Adjei (OD, MPH-CEH)

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Female 23/08/1982 | Ghanaian

WORK EXPERIENCE

January 2018- To date

Assistant lecturer

Department of Optometry and Visual Science, College of Science, Kwame Nkrumah University of Science and Technology, Kumasi

- Teaching and assessing students
- Researching and research dissemination
- Clinicals for students
- Supervising of research project students
- Providing eye care services to KNUST community, national and international

April 2016- December 2017

Supervising Optometrist

Optical Express Eye Centres, Kumasi & Accra

- Examining, diagnosing and treating ocular diseases and prescribing of glasses based on high level of eye care standards.
- Referring eye patients to other medical practitioners.
- Cooperate eye screening as part of medical examinations, for new employees. Routine eye checks for permanent staff of cooperate bodies.
- Repairing and fixing spectacles.
- Outreaches which include giving health talks and screening for eye diseases.
- Managing the facilities.

June 2013- December 2014 *Resident Optometrist*

Optical Eye Express Eye Centre, Accra

- Examining, diagnosing and treating ocular diseases and prescribing of glasses based on high level of eye care standards.

- Referring eye patients to other medical practitioners.
- Cooperate eye screening as part of medical examinations, for new employees. Routine eye checks for permanent staff of cooperate bodies.
- Repairing and fixing spectacles.
- Outreaches which include giving health talks and screening for eye diseases.
- Managing the facility.

December 2009- February 2013 *Resident Optometrist/Head of optical unit*

Westphalian Hospital (NGO)- Effiduase Oyoko

- Examining, diagnosing and treating ocular diseases and prescribing of glasses based on high level of eye care standards.
- Supervise opticians in processing lens grade requirements of walk-in patients to the clinic and the pricing of lenses and frames.
- Coordinate with hospital medical technicians in the installation, repair and operation of optometric equipment.
- Properly maintain patient records and update with every new lens upgrade
- Mentor and train novice optometrists under pre-registration residency.
- Keep abreast with emerging optometry technologies and treatment refraction treatment trends.
- Book and prepare patients for surgeries and assist the visiting surgeons in the management of the patients.
- Refer patients with serious eye ailments to ophthalmologists and other systemic diseases to relevant professionals in the hospital for treatments beyond optometrist's operation.
- Organize periodic eye screening (outreaches) for deprived communities as a social corporate responsibility.

March 2010 – December 2010 *Part time Lecturer*

Optical Technician Training Institute -Oyoko

- Lecturing ocular anatomy and physiology
- Teaching seminar presentation.
- Assessing students

October 2009 – December 2009 *, Optometrist*

Foresight Eye Centre- Kumasi

- Examining, diagnosing and treating ocular diseases and prescribing of glasses based on high level of eye care standards.
- Properly maintain patient records and update with every new lens upgrade

- Keep abreast with emerging optometry technologies and treatment refraction treatment trends.
- Refer patients with serious eye ailments to the ophthalmologist at the eye centre for treatments beyond optometrist's duties.
- Organize periodic eye screening for deprived communities as a social corporate responsibility.

December 2008- September 2009 *Intern Optometrist*
Central Regional Hospital, Cape Coast- Ghana

- Perform refraction,
- diagnosing of diseases and giving treatment under supervision.
- dispensing of lens, drugs and giving treatment.
- Outreaches to surrounding towns and villages for eye care and referrals.

July 2008- November 2008 *Dispensing Consultant*
Specsavers Opticians, Streatham, London- UK

- Booking appointment for customers, registering customers on arrival,
- pre-screening (auto refraction and tonometry),
- perimetry,
- frame styling, dispensing, checking of fitting on collection of glasses and counseling,
- contact lens teaching and fixing,
- repairing of glasses,
- scanning of document on customers

EDUCATION AND TRAINING

January 2015- July 2017 Masters of Public Health-Community Eye Health Track
University of Cape Town, Cape Town- South Africa

Dissertation title:

- Relationship between the prevalence of trachomatous inflammation in children (age 1-9 years) and the prevalence of trichiasis in adults (age 15 years and above) at a presumed steady state

February 2013 - March 2013 Principles of Public Health
Coursera Online University of California, Irvine- USA

September 2006 – June 2008 Doctor of Optometry (OD)
Kwame Nkrumah University of Science and Technology, Ghana

September 2002 – June 2006

BSc Optometry and Visual Science
Kwame Nkrumah University of Science and Technology, Ghana

PERSONAL SKILLS

Mother tongue(s) English

Other language(s)	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
French	A2	A2	A2	A2	DELFA1
DELFA1 ALLIANCE FRANCAISE.					

Levels: A1/A2: Basic user - B1/B2: Independent user - C1/C2 Proficient user
Common European Framework of Reference for Languages

Communication skills Good communication and interpersonal skills at all levels, achievement-driven with an impressive track record of accomplishing set targets within deadlines

Organisational / managerial skills

- Ability to work within a team as well as on own initiative, flexible and adaptable
- Strong analytical and quantitative skills

Job-related skills Good teaching, clinical and research skills

Digital skills

SELF-ASSESSMENT				
Information processing	Communication	Content creation	Safety	Problem solving
Proficient user	Proficient user	Proficient user	Proficient user	Proficient user

Levels: Basic user - Independent user - Proficient user
Digital competences - Self-assessment grid

- good command of office suite (word processor, spread sheet, presentation software)
- Stata, R

Driving licence B

Projects

PUBLISHED ARTICLES

1. 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>.
2. Lartey, S., **Antwi-Adjei, E.K***, Agyapong S., Abdul-Kabir, M., Mensah, D. N. O. & Genego E.S. (2019). Awareness and attitudes toward corneal donation among applicants and staff of a driver, vehicle and licensing authority (DVLA) in Ghana. *BMC Ophthalmology*, 19:224 DOI <https://doi.org/10.1186/s12886-019-1231-x>
3. Lartey, S., **Antwi-Adjei, E. K***, Abdul-Kabir, M., Mensah, D. N. O., & Agyapong, S. (2019). Comparing Knowledge of Corneal and Organ Transplantation and Attitudes towards Corneal and Organ Donation among University Health Students in Kumasi- Ghana. *JOJ Ophthalmology*, 7(5). <https://101.0.74.136/JOJO.2019.07.555723>
4. Kumah, D. B., Akuffo, K. O., **Antwi-Adjei, E. K.**, Yiadom-Boakye, S., Appenteng, E. O., & Adaboh, H. (2019). Ocular Conditions among School Children in the Sunyani Municipality in Ghana. *Archives of Ophthalmology and Optometry*, 2(1), 27-33.

CONFERENCE ABSTRACTS PRESENTATION

1. R.J. Kwaw, **E.K. Antwi-Adjei**, E. Owusu. Management of Binocular Vision Anomalies in eye care centres within the Sekondi-Takoradi Metropolis, Ghana. *Association for Researchers in Vision and Ophthalmology Annual Meeting 2020*, V Baltimore Convention Center, Baltimore, Maryland, USA
2. Antoinette Antwi, Mohammed Abdul-Kabir, Kwadwo Owusu Akuffo, **Ellen Konadu Antwi-Adjei**, Joseph Kumi Amponsah, Christine Karikari Darko. Visual outcomes and patient satisfaction after Laser in situ Keratomileusis (LASIK) in Ghana. *American Academy of Optometry Conference 2019*, Orange County Convention Center , Orlando, Florida, USA
3. 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.
4. 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.

PROJECTS/RESEARCH COMPLETED:

1. Knowledge of organ and corneal transplant and attitudes towards organ donation among non-health students at KNUST (Under journal review)
2. Assessment of Ocular Surface Disease in Glaucoma Patients in Ghana (Under

journal review)

ON-GOING RESEARCH

1. Evaluation of Post Operative Refractive Error After Cataract Surgery.
2. Cataract surgeries in Ghana; where we were and where we are now.
3. The Utilization of Traditional Medicine in the Treatment of Eye Disorders in the Wa Municipality, Ghana.

Conferences

Gender Mainstreaming in Higher Education & Research; ‘Behind the scenes’, December, 2019, Ghana.

Moderator.

Workshop on R and Stata, October, 2019

School of Public health, KNUST

Commonwealth Eye Health Consortium, March 2019

Oral presentation, Interviewee

London, UK

Seminars

Girls camp, July 2019

Moderator

KNUST

7th Ghana Science Association; August, 2018

Theme; ‘Scientific Research and Innovation: The Driving Wheels of the Sustainable Development Goals’.

Rapporteur.

Allotey Auditorium- KNUST

Optometry Female Seminar, March, 2018

Resource Person, KNUST-Ghana.

Building Stronger Universities; Innovation and Entrepreneurship

IDL- KNUST

Elsevier training for researchers.

KNUST

Honours and awards

2018- Best Participant- 8th Summer School, KNUST.

2015-2016 – Commonwealth Scholar-Queen Elizabeth Diamond Jubilee Trust Scholarship

2008 – Dean’s Award, KNUST - Award for being among the best students.

Committees

01 February 2018 to date – Coordinator; Clinical Committee (Department of Optometry and Visual Science, College of Science, KNUST)

12 December 2018 to August 2019 – Member, College of Science Outreach Committee (College of Science, KNUST)

March – May 2019 Local Organizing Committee; Member, Ghana Science Association Paper presentation meeting- Kumasi Branch

March- October 2018 Local Organizing Committee; Member, Member Ghana Optometric Association.

2014- 2016 – Member, Legal and Disciplinary Committee (Ghana Optometric Association, GOA)

Certifications

14 August 2015 - National Institutes of Health (NIH) office; “Protecting Human Research Participants.” (Online-UCT, S/A)

30 November- 4 December 2015– Epidemiology and Evidence behind Vision 2020 Priorities in Africa: A scientific Approach to Programme Planning (Organized by KCCO and UCT Division of Ophthalmology, S/A).

February- November 2015– Health and Safety Sub-committee member (Obz Square Residence, UCT, S/A)

August 2016 - Continuous Professional Development (GOA, Allied Health Council, Ghana)

August 2017- Continuous Professional Development (GOA, Allied Health Council, Ghana)

June 2018- Continuous Professional Development (GOA, Allied Health Council, Ghana)

October 2019- Annual General Meeting/ CPD (GOA, Allied Health Council, Ghana)

Memberships

Women in Science, Technology, Engineering and Mathematics (WISTEM), Ghana (February 2018 till date)

Ghana Science Association (August 2018 till date)

Allied Health Professions’ Council (AHPC), Ghana (November 2013 till date)

Ghana Optometric Association (GOA) (September 2010 till date)

Association of Research and Vision Ophthalmology (ARVO) (February 2019 to date)

Future Plans

As an assistant lecturer, to climb up the academic ladder in teaching and researching, my next step is to acquire a PhD and be involved with more networking and collaborative studies. Help establish good vision research team, research dissemination and train more postgraduates for basic and translational research.

References

Prof. Colin Cook, MBChB DO MPH FRCOphth FCS(Ophth)SAPhD
(Ophthalmologist, Course convener, CEH)
Faculty of health sciences
UCT- South Africa
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(Senior Lecturer, Optometrist)
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Dr. Emmanuel Owusu, OD, MSc, M. Optom, PhD
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