

## CURRICULUM VITAE

**Okenwa-Vincent, Emmanuel E. (OD, MHPM, MPH, PhD, MSc (Global Bioethics))**

### A. PERSONAL DETAILS:

**Date of Birth:** 23<sup>rd</sup> August, 1973  
**Gender** Male  
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**Job Title:** Senior Lecturer; Dean of School  
**Institution:** Kaimosi Friends University, Kaimosi, Kenya  
**Department:** Optometry and Vision Sciences

### B. ACADEMIC QUALIFICATION/TRAINING

Institution and Location	Qualifications/Ongoing Training	Completion Date	Field Of Study
University of KwaZulu-Natal, Durban, SA	Ph.D. (Optometry)  <b>Title:</b> Health-Related Quality of Life and Utility for Uncorrected Refractive Error in School-Going Adolescents of Kakamega County, Kenya	04/2020	Optometry (Pediatric and Low vision care)
Anahuac University, Mexico	Masters in Global Bioethics (MSc)	7/2021	Global bioethics
University of Benin, Benin City, Nigeria	Master of Public Health (MPH)	11/2010	Public health medicine
University of Benin, Benin City, Nigeria	Master of Health Planning and Management (MHPM)	11/2010	Public health planning and administration
University of Benin, Benin City, Nigeria	Doctor of Optometry (O.D.)	12/2003	Optometry
Vision training Center, German-Jordanian University, Amman, Jordan	Certificate	04/2015	Advanced low vision care
CBEC-KEMRI-Bioethics Training Initiative, Nairobi, Kenya	Certificate	12/2017	Public health, clinical, and research Ethics

### C. EMPLOYMENT HISTORY

Year (from-to)	Organization	Position held/Responsibility
2022 - Present	Kaimosi Friends University	Senior Lecturer - Department of Optometry and Vision Sciences Dean, School of Health Sciences
2012 - 2022	Masinde Muliro University of Science & Technology	Lecturer - Department of Optometry and Vision Sciences
2011 - 2012	Madonna University	Lecturer I - Department of Optometry
2008 - 2011	Institute of Health Technology, University of Benin Teaching Hospital	Instructor - Department of Dispensing Optics
2006 - 2011	Our Lady's Eye Hospital Limited	Optometrist – Optical Unit
2005 - 2006	Mercy Eye Hospital	Intern Optometrist – Optical Unit

### D. ADMINISTRATIVE EXPERIENCES:

#### Kaimosi Friends University (KAFU), Kenya

1. Dean, School of Health Sciences – November 1<sup>st</sup>, 2022 to Present

#### Masinde Muliro University of Science and Technology (MMUST), Kenya

2. Chairman, Department of Optometry and Vision Sciences – Feb, 2015 to Apr, 2019
3. Acting Chairman of Department – Oct, 2014 to Feb, 2015; Oct, 2013 to Nov, 2013
4. Post-graduate coordinator, Department of Optometry and Vision Sciences – Sept, 2016 – to present
5. Department Convener, MMUST Optometry; Academic Vision Centre/Brien Holden Vision Institute project collaboration – Nov, 2013 to present
6. Coordinator, Certificate courses in Low vision and pediatric refraction – Jan, 2014 to present

#### Other sub/Ad hoc committee services to MMUST

1. Member, Institutional Ethical Review Committee (IERC), MMUST
2. Member, MMUST Academic Vision Centre management board – May, 2015 to present
3. Member, senate sub-committee on examination irregularities – 2014 and 2015
4. Member, senate Ad hoc Committee on review of the policy on setting and processing of examinations
5. Member, senate Ad hoc committee on investigation of engineering students unrest

## **E. RESEARCH EXPERIENCE**

### **Grants/Scholarship awarded**

1. UNESCO Chair on Bioethics/Anahuac University Master's Degree in Global Bioethics, Faculty of Bioethics, Anahuac University. Scholarship amount – USD 18,000 (Continuing – April 2019 – March 2021)
2. PhD Research Scholarship (UKZN) – 120,000 Rand (40,000 per annum)
3. Research Travel grant (AVRI) – 20,000 Rand (June, 2013)
4. Research Travel Grant to attend the Southern regional council of optometry conference (Australian Optometric Association, Melbourne, Australia) – AUD 3,000 (February, 2014)
5. Research Travel grant (AVRI) – 20,000 Rand (June, 2015)

### **Grants and Projects**

1. MMUST/Kenya coordinator, EYE-FX (Health and education project for eye health – Optometry – development exchange cooperation amongst three institutions; MMUST, Kenya; BHVI, South Africa, and USN, Norway). A grant funded by the Norwegian Agency for International Exchange Cooperation (NOREC – formerly known as Fredskorpset/FK Norway). Total grant amount – NOK 2,305,947 (USD 251,879.00) per round of three rounds.
2. Okenwa-Vincent EE; Okoth Patrick & Ebinga EAO (2022); MMUST Affordable Spectacle Project: Improving access to sustainable low-cost spectacles production using 3D printing in Western Kenya – (A MMUST UIF grant for innovation/incubation project (Ksh 350,000.00).

### **Current Post-graduate supervision experience**

<b>Sno.</b>	<b>Name of student</b>	<b>Degree of study</b>	<b>Research topic</b>	<b>Stage of completion</b>	<b>Role</b>
1.	Gellause Mrefu Kololi	MSc (Optometry and Vision Sciences)	Factors influencing contact lenses uptake among school going children and teenagers with myopia attending selected eye clinics in Kenya	Awaiting final oral defense at DPS	Main Supervisor
2.	Phenard Odero	MSc (Optometry and Vision Sciences)	Factors influencing access, utilization and provision of low vision services in Kakamega County, Western Region	Thesis presentation at School	Main Supervisor

3.	Preston Sikuku Wafula	MSc (Public Health)	Determinants of aggressive behaviors among primary school children (6-12) years in Lurambi sub-county, Kakamega County	Awaiting final oral defense at DPS	Co-Supervisor
4.	Geoffrey Olado Oduasi	PhD (Public Health)	Effect of peer education on risk factors associated with hypertension and diabetes among fishermen in Kisumu County	Awaiting proposal approval by DPS	Co-Supervisor
5.	Nicholas Wakwabubi Barasa	PhD (Public Health)	The impact of COVID-19 on health systems in Bungoma County, Kenya: An implication for health systems strengthening.	Proposal development	Co-Supervisor
6.	Ernest Barasa Wanyama	PhD (Public Health)	Effect of near vision spectacles correction on productivity and Visual-related quality of life among presbyopic crafts women in Kajiado County, Kenya.	Proposal development	Co-Supervisor

### Consultancies

1. Basic Pediatric refraction and Low Vision competency course for eye health workers (CBM/Sabatia Eye Hospital – USD 14,000). July to August, 2018.
2. Low vision and Pediatric refraction training course for optometrists and ophthalmic clinical officers (Christoffel Blinden Mission (CBM)/The Brien Holden Vision Institute (BHVI) – USD 31,000). Oct to Dec, 2016.
3. Low vision and Pediatric refraction training course for optometrists and ophthalmic clinical officers (COECSA/Fred Hollows Foundation – USD 5,000). Nov to Dec, 2014
4. Low vision and Pediatric refraction training course for optometrists and ophthalmic clinical officers (The Brien Holden Vision Institute – USD 10,000). April to June, 2014
5. Development of a position paper to the International agency for the prevention of Blindness (IAPB) towards prevention of childhood blindness in East Africa (Sightsavers International – USD 500). May to June, 2015
6. Development of HReH Advocacy Position Papers (The Fred Hollows Foundation, Kenya on behalf of the HReH Advocacy Steering Committee, Kenya – USD 252.) March, 2015

7. Development of Diploma in Optometry Teaching and Learning Curriculum for Department of Optometry, Kenya Medical Training Institute (KMTC), Nairobi (Fred Hollows Foundation, Kenya – USD 3000). 2014 to 2015.
8. Development of Diploma in Optometry Teaching and Learning Curriculum for Department of Optometry, Kenya Coast National Polytechnic (KCNP), Mombasa (KCNP – USD 3000). 2016 to 2017.

### Articles in Peer Reviewed Journals

1. Ngyah-Etchutambe IB, **Okenwa-Vincent EE**, Pagani LS. Precursor ecological awareness skills and kindergarten readiness among children in the Southwest Region of Cameroon. *International Journal of Research*, 2024;13(13),103-112. DOI: 10.5861/ijrse.2024.24101
2. Kololi G, **Okenwa-Vincent EE**, Sum TJ. Factors Influencing Contact Lenses Uptake among School-Going Children and Teenagers with Myopia Attending Selected Eye Clinics in Kenya. *AJO International*. 2024 May 31:100033.
3. **Okenwa-Vincent EE**, Naidoo J, Clarke-Farr PC. Prevalence and Socio-Demographic Distribution of Uncorrected Refractive Errors in School-Going Adolescents in Kakamega County, Kenya. *Ophthalmology Journal*, March 2024. [https://journals.viamedica.pl/ophthalmology\\_journal/article/view/96882/77167](https://journals.viamedica.pl/ophthalmology_journal/article/view/96882/77167)
4. **Okenwa-Vincent, Emmanuel E.**; Naidoo, Jyoti; Clarke-Farr, Peter C. Utility for Uncorrected Refractive Errors in Adolescent Schoolchildren in Kakamega County, Kenya. *Optometry and Vision Science* 100(9):p 631-637, September 2023. | DOI: 10.1097/OPX.0000000000002054
5. **Okenwa-Vincent EE**, Naidoo J, Clarke-Farr PC. Factors associated with uncorrected refractive errors in school-going adolescents in Kakamega County, Kenya. *Ophthalmology Journal*. [https://journals.viamedica.pl/ophthalmology\\_journal/article/view/90070](https://journals.viamedica.pl/ophthalmology_journal/article/view/90070)
6. **Okenwa-Vincent E**, Moogi A, Odero P *et al*. Effects of *Ganoderma lucidum* on chemical-induced and bacterial-infected corneal ulceration of rabbits' eyes. *F1000Research* 2023, **12**:185 (<https://doi.org/10.12688/f1000research.129987.1>)
7. CC Asonye, **EE Okenwa-Vincent**, PO Alonge. Pharmacological effect of leaf Extract of *Ptilostigma Thonningii* (Schum) on chemically induced and bacterially infected cornea ulceration of Rabbit eyes; *Journal of Health and Visual Sciences*; 2007; 9(1); Available online at <https://www.ajol.info/index.php/jhvs%20/article/view/53277>.
8. Asonye CC, Okolie NP, **Okenwa-Vincent EE**, Iwuanyanwu UG. Some Physico-chemical characteristics and heavy metal profile of some Nigerian rivers, streams and waterways; *African Journal of Biotechnology*; 2007; 6(5); 617-624; Available online at <https://academicjournals.org/journal/AJB/article-abstract/98A56026594>.

## Conference Outputs/Presentations

1. **Okenwa-Vincent EE**, Keter AK, Sindani M. (2015); *Presbyopia and Quality of Life in Sichirai Sub location, Kakamega County, Kenya* – Presented at the 3<sup>rd</sup> Annual Scientific Congress of the College of Ophthalmology of Eastern, Central and Southern Africa (COECSA)– tagged; Embracing research and technology in Ophthalmology; Hosted by the Ophthalmology Society Of Kenya (OSK); Naivasha, Kenya; August 27-28th, 2015.
2. **Okenwa-Vincent EE**. (2015); *Guidelines to Prescribing Optical Options In Low Vision Assessment* – Presentation at the African Council of Optometry and Zimbabwean Optometric Association joint Conference – tagged; Harmonizing Health Systems and Legislation in an effort to combat Preventable Blindness in Africa; Victoria Falls, Zimbabwe, February 25<sup>th</sup>, 2016.
3. **Okenwa-Vincent EE**. (2016); *Awareness of Ocular-Related Effects of Welding amongst Welders in Kakamega, Kenya* – Presented at the International Agency for the prevention of blindness (IAPB) 10th General Assembly (10GA). A premier global event discussing public health issues related to blindness and visual impairment – tagged; “Stronger Together”; Durban, South Africa, 27<sup>th</sup> to 30<sup>th</sup> October, 2016.
4. **Okenwa-Vincent EE**. (2017); *Contrast Sensitivity Function Amongst Adolescents With Albinism Attending Thika School For The Blind* – Presented at the 2<sup>nd</sup> World Congress of Optometry, Hyderabad. An initiative of the World Council of Optometry (WCO), the India Vision Institute (IVI) and the Asia Pacific Council of Optometry (APCO) – tagged; “Accessible, quality vision and eye health”; Hyderabad, India, 11<sup>th</sup> to 13<sup>th</sup> September, 2017.
5. **Okenwa-Vincent EE**. (2017); *Prevalence of Refractive Error in School-Going Adolescents with Auditory And/Or Verbal Defect in Mumias Town* – Presented at the 2<sup>nd</sup> World Congress of Optometry, Hyderabad. An initiative of the World Council of Optometry (WCO), the India Vision Institute (IVI) and the Asia Pacific Council of Optometry (APCO) – tagged; “Accessible, quality vision and eye health”; Hyderabad, India, 11<sup>th</sup> to 13<sup>th</sup> September, 2017.
6. **Okenwa-Vincent EE**. (2017); *Prevalence of Decompensated Heterophoria With Near-Related Tasks Among School Going Adolescents in Kakamega Central* – Presented at the 2<sup>nd</sup> World Congress of Optometry, Hyderabad. An initiative of the World Council of Optometry (WCO), the India Vision Institute (IVI) and the Asia Pacific Council of Optometry (APCO) – tagged; “Accessible, quality vision and eye health”; Hyderabad, India, 11<sup>th</sup> to 13<sup>th</sup> September, 2017.

## REFERENCES:

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**2. Prof. Peter Christopher Clarke-Farr, Ph.D.**

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