**CURRICULUM VITAE**

**1. PERSONAL DATA**

**NAME:** DR. ABDUL-SADIK AHMED

**SEX:** Male

**DATE OF BIRTH**: 4th March 1966

**NATIONALITY:** Ghanaian

**ADRESS**: Department of Optometry and Visual Science, KNUST – Kumasi

**MARITAL STATUS:** Married

**NUMBER OF CHILDREN:** Four

**TELEPHONE NUMBERS:** WORK: 0322062116

MOBILE: 0244879485

E-MAIL: Primary [srayramsay@gmail.com](mailto:srayramsay@gmail.com)

[aabdul-sadik.cos@knust.edu.gh](mailto:aabdul-sadik.cos@knust.edu.gh)

**RANK**: Lecturer

1 (a)**. ACADEMIC QUALIFICATION (DEGREES) Supporting Document**

DOCTOR OF OPTOMETRY (OD), 2008-KNUST

MASTER OF PHILOSOPHY IN VISION SCIENCE (MPHIL), 2017-KNUST

POST GRADUATE DIPLOMA IN OPTOMETRY, 2001-KNUST

B.Sc. (HONS) BIOLOGICAL SCIENCE, 1996, KNUST

1 (b). **INSTITUTION(S) ATTENDED**

KWAME NKRUMAH UNIVERSITY OF SCIENCE AND TECHNOLOGY, KUMASI

**2. WORKING EXPERIENCE (University Teaching and or Research Experience)**

2(a)(i) **Academic Ranks Held**

Technical Instructor 2004- 2017,

Lecturer 2017 to Date

2(a)(ii) **Subjects Taught**

**SUMMARY OF COURSES TAUGHT AT KNUST FROM 2004-2021**

|  |  |  |  |
| --- | --- | --- | --- |
| Course Code | Course Title | Class | Academic Year |
| OPT 357  OPT 358  OPT 457  OPT 458  OPT 353  OPT 354 | Dispensing Optics I  Dispensing Optics II  Contact lens I  Contact Lens II  Physiological Optics I  Physiological Optics II | OD 3  OD 3  OD 4  OD 4  OD 3  OD 3 | 2020/2021 |
| OPT 357  OPT 358  OPT 457  OPT 458  OPT 353  OPT 354 | Dispensing Optics I  Dispensing Optics II  Contact lens I  Contact Lens II  Physiological Optics I  Physiological Optics II | OD 3  OD 3  OD 4  OD 4  OD 3  OD 3 | 2019/2020 |
| OPT 357  OPT 358  OPT 457  OPT 458  OPT 353  OPT 354 | Dispensing Optics I  Dispensing Optics II  Contact lens I  Contact Lens II  Physiological Optics I  Physiological Optics II | OD 3  OD 3  OD 4  OD 4  OD 3  OD 3 | 2018/2019 |
| OPT 357  OPT 358  OPT 457  OPT 458  OPT 353  OPT 354 | Dispensing Optics I  Dispensing Optics II  Contact lens I  Contact Lens II  Physiological Optics I  Physiological Optics II | OD 3  OD 3  OD 4  OD 4  OD 3  OD 3 | 2017/2018 |
| OPT 357  OPT 358  OPT 457  OPT 458  OPT 353  OPT 354 | Dispensing Optics I  Dispensing Optics II  Contact lens I  Contact Lens II  Physiological Optics I  Physiological Optics II | OD 3  OD 3  OD 4  OD 4  OD 3  OD 3 | 2016/2017 |
| OPT 357  OPT 358  OPT 457  OPT 458  OPT 353  OPT 354 | Dispensing Optics I  Dispensing Optics II  Contact lens I  Contact Lens II  Physiological Optics I  Physiological Optics II | OD 3  OD 3  OD 4  OD 4  OD 3  OD 3 | 2015/2016 |
| OPT 357  OPT 358  OPT 457  OPT 458  OPT 353  OPT 354 | Dispensing Optics I  Dispensing Optics II  Contact lens I  Contact Lens II  Physiological Optics I  Physiological Optics II | OD 3  OD 3  OD 4  OD 4  OD 3  OD 3 | 2014/2015 |
| OPT 357  OPT 358  OPT 457  OPT 458  OPT 353  OPT 354 | Dispensing Optics I  Dispensing Optics II  Contact lens I  Contact Lens II  Physiological Optics I  Physiological Optics II | OD 3  OD 3  OD 4  OD 4  OD 3  OD 3 | 2013/2014 |
| OPT 357  OPT 358  OPT 457  OPT 458  OPT 353  OPT 354 | Dispensing Optics I  Dispensing Optics II  Contact lens I  Contact Lens II  Physiological Optics I  Physiological Optics II | OD 3  OD 3  OD 4  OD 4  OD 3  OD 3 | 2012/2013 |
| OPT 357  OPT 358  OPT 457  OPT 458  OPT 353  OPT 354 | Dispensing Optics I  Dispensing Optics II  Contact lens I  Contact Lens II  Physiological Optics I  Physiological Optics II | OD 3  OD 3  OD 4  OD 4  OD 3  OD 3 | 2011/2012 |
| OPT 357  OPT 358  OPT 457  OPT 458  OPT 353  OPT 354 | Dispensing Optics I  Dispensing Optics II  Contact lens I  Contact Lens II  Physiological Optics I  Physiological Optics II | OD 3  OD 3  OD 4  OD 4  OD 3  OD 3 | 2010/2011 |
| OPT 357  OPT 358  OPT 457  OPT 458  OPT 353  OPT 353 | Dispensing Optics I  Dispensing Optics II  Contact lens I  Contact Lens II  Physiological Optics I  Physiological Optics II | OD 3  OD 3  OD 4  OD 4  OD 3  OD 3 | 2009/2010 |
| OPT 357  OPT 358  OPT 457  OPT 458  OPT 353  OPT 354 | Dispensing Optics I  Dispensing Optics II  Contact lens I  Contact Lens II  Physiological Optics I  Physiological Optics II | OD 3  OD 3  OD 4  OD 4  OD 3  OD 3 | 2009/2010 |
| OPT 357  OPT 358  OPT 457  OPT 458  OPT 360  OPT 464  OPT 155 | Dispensing Optics I  Dispensing Optics II  Contact lens I  Contact Lens II  Binocular Vision  Clinic  General Optometry | OD 3  OD 3  OD 4  OD 3  OD 3  OD 4  OD 1 | 2008/2009 |
| OPT 357  OPT 358  OPT 457  OPT 458  OPT 155 | Dispensing Optics I  Dispensing Optics II  Contact lens I  Contact Lens II  General Optometry | OD 3  OD 3  OD 4  OD 4  OD 1 | 2006/2007 |
| OPT 357  OPT 358  OPT 457  OPT 458  OPT 360  OPT 464  OPT 155 | Dispensing Optics I  Dispensing Optics II  Contact lens I  Contact Lens II  Binocular Vision  Clinic  General Optometry | OD 3  OD 3  OD 4  OD 4  OD 3  OD 4  OD 1 | 2005/2006 |
| OPT 259  OPT 260  OPT 457  OPT 458  OPT 360  OPT 361  OPT 453  OPT 454 | Dispensing Optics I  Dispensing Optics II  Contact lens I  Contact Lens II  Binocular Vision  Clinic III  Physiological OpticsIII  Physiological Optics IV | OD 2  OD 2  OD 4  OD 4  OD 3  OD 3  OD 4  OD 4 | 2004/2005 |

**2(b) SUPERVISION OF STUDENTS’ PROJECT WORK/ THEISIS/RESEARCH**

Under graduate Project work reviewed, **2019/2020**

* Effects of Digital Eye Strain on Eyesight and Vision Among Health Trainees (Case Study at College of Health, Yamfo – Ghana)-**Yaw Boakye Nketiah** (BSc. Computer Science)

Under graduate Project work supervised,**2019/2020**

* Knowledge, Attitude and Practices Among Computer Science Students of KNUST on Effect of Blue Light on Their Ocular Health-**Godfred Amoah**
* Retrospective Study of Ocular Injuries Among Patients VisitingKomfo Anokye Teaching Hospital Eye Centre- **Agyei Elijah Dartey**

Under graduate Project work supervised, **2018/2019**

* Vision Status of Commercial Bus Drivers (VIP, STC & MMT) plying the Kumasi-Accra

Road within the Kumasi Metropolis**- Abednego Blankson Sampah**

* Influence of Fruits and Vegetables on Pterygium Growth- **Addae Elizabeth**
* The Use of Digital Devices and Computer Vision Syndrome Among KNUST Undergraduate Students- **Dzifa Afi Kouto**
* Epidemiology of Refractive Error in Upper Primary School Children in The Oforikrom Municipality- **Amonoo Jedidiah Nana Kwabena**

Undergraduate project work supervised, **2017/2018** Academic Year

* Compliance to Glaucoma Medication Among Glaucoma Patients Visiting the Brong-Ahafo Regional Hospital-**Bright Abbot**
* Barriers to Provision of Low Vision Services Among Optometrists in Selected Eye Clinics in Kumasi-**Silvia Agyekum**
* Visual Outcome and Post-Operative Complications of Small Incision Cataract Surgery at St. Mary’s Hospital Drobo-**Adjei Tweneboah Enock**

Undergraduate project work supervised, **2016/2017** Academic Year

* The significance of induced phoria in ophthalmic spectacle prescriptions amongst students in Knust-**Charity Bortey**

2(c) (i) **OTHER PROFESIONALLY RELATED EXPERIENCE**

• August 2000 – March 2002: Consulting Optometrist, Biney medical centre, Tema.

• August 2000 – March 2002: Consulting Optometrist, Fredrick’s Eye care and Eyewear

Assurance, Swanzy Shopping Arcade, Accra.

• June 2003 – September 2004: Assistance Optometrist, , Ghana Health Service

• June 2003 – July 2004: Intern, School of Optical Dispensing, Effiduase-Oyoko,

Ghana Health Service/ Swiss Red Cross Collaboration

• August 1988 – July 1989: Teacher, Ghana Education Service, King Faisal Primary

School, Suame

• August 1989 – July 1990: Science Teacher, Ghana Education Service, Kofiase JSS,

Mampong

2(c) (ii)**.** **CLASSROOM TRAINING (FACE-TO-FACE)**

**A 30th June, 2006**: TCT Seminar on Optometric Procedures Faculty/Student Collaborative Workshop. Jointly organized by the Department of Optometry, KNUST; and Ghana Optometric Association (GOA).

**B 20th-22nd may, 2009:** Royal Tropical Institute Workshop. Information Literacy-Searching e-resources, Conducted in KNUST

**C September,2020:** Online Teaching Training Course under the Quality Assurance and Planning Unit

**D. 16th September to 13th October,2015:** Faculty Development Program

**3. DETAILS OF RESEARCH OR PROJECTS UNDERTAKEN SINCE LAST APPOINTED TO THE UNIVERSITY OR PROMOTED**

**(a) RESEARCH CONDUCTED**

a. Physical Defects, Maintenance and Handling of Ophthalmic Lenses by Students of

Kwame Nkrumah University of Science and Technology (2005)

Study design and data analysis

b. Refractive Error and Visual Impairment in Private School Children in Ghana (2010)

Study design and data collection

c. Profile of Keratoconus in Selected Eye Clinics, Accra, A retrospective study, (2014)

Supervision and preparation of manuscript

d. Eye Health Seeking Behavior among Staff of Kwame Nkrumah University of

Science and Technology (2014)

e. Ultraviolet –A Protection in Nonprescription Sunglasses, (2015)

Study design and data analysis.

f. Postoperative Corneal and Surgically Induced Astigmatism following Superior

Approach Manual Small Incision Cataract Surgery in Patients with Preoperative

Against-the-Rule Astigmatism (2015)

Study design and data analysis

g. Pterygium among Staff of College of Science KNUST, Kumasi, (2016)

Study design and data analysis

h. Barriers to Utilization of Eye Care among Staff of Kwame Nkrumah University of

Science and Technology, Kumasi, Ghana, (2016)

Study design and data analysis

i. Prevalence of Anisometropia, Strabismus and Amblyopia among First Year

Optometry Students in Kwame Nkrumah University of Science and Technology,

Ghana, (2016)

Study design and data analysis

j. Knowledge, Attitude and Practice of Infant Ocular Health among Midwives in the

Bosomtwe District (2017)

Study design and data analysis

k. Knowledge about Cataract and its Risk Factors among an Adult Population in the

Cape Coast Metropolis, Ghana (2017)

Study design and data analysis

l. Level of Awareness and Knowledge of Glaucoma among Ghanaian Undergraduates

(2017)

Study design and data analysis

**(b) PUBLICATIONS ARISING OUT OF RESEARCH**

**(i)**

**1**. D. B. Kumah, A. Ebri, M. Abdul -Kabir, **A. Abdul-Sadik**, N. Y. Koomson, S. Aikins, A.

Aikins, Amedo, S.Y. Lartey, and K. Naidoo. (2013). Refractive Error and Visual Impairment

in Private School Children in Ghana. *Investigative Ophthalmology & Visual Science (IOVS)*

*Manuscript* ID: IOVS-12-10015 5

**2**. Edmund Arthur, **Ahmed Abdul-Sadik**, David Ben Kumah, Eugene Appenteng Osae,

Felix Agyemang Mireku, Frank Yeboah Asiedu, Reynolds Kwame Ablordeppey (2016)

Postoperative Corneal and Surgically Induced Astigmatism following Superior Approach Manual

Small Incision Cataract Surgery in Patients with Preoperative Against-the-Rule Astigmatism.

*Journal of Ophthalmology.* Volume 2016 Article ID 9489036

**3**. Nelson-Ayifah, Kobia-Acquah E., **Abdul-Sadik A.**, Kumah DB, Ankamah E. (2017) Profile

of Keratoconus in Selected Eye Clinics, Accra, A retrospective study. *Ophthalmology and Vision*

*Science.* Volume 1,1

**4**. Kumah DB\*, **Ahmed AS**, Ablordeppey RK, Okoampah A, Akowuah PK, Nkansah KE, Addo

EK Larbi D. (2017) Pterygium among Staff of College of Science KNUST, Kumasi *Advance*

*Opthalmol Vis Syst.* 7(5): 00239.DOI: 10.154061/avos.2017.07.00239

**5**. Abdul-Kabir M. **Abdul-Sadik A**, Ansah DO and Ofori-Koranteng L. (2017). Prevalence of

Anisometropia, Strabismus and Amblyopia among First Year Optometry Students in Kwame

Nkrumah University of Science and Technology, Ghana. M J Opht. 2(2): 018

**6**. **Ahmed Abdul-Sadik,** Ernest Nkansah, Samuel Asubonteng and Stephen Ankamah-Lomotey.

(2018) Knowledge, Attitude and Practice of Infant Ocular Health among Midwives in the

Bosomtwe District.EC Ophthalmology 9(3): 100-108

**7**.Akowuah PK **Abdul-Sadik A**, Abdul-Kabir M, and Forfoe S. (2018) Knowledge about

Cataract and its Risk Factors among an Adult Population in the Cape Coast Metropolis, Ghana.

*Optom Open Acess* 3:127. doi:10.4172/2476-2075.1000127

**8**. **Ahmed Abdul-Sadik,** Theodora Afi Dedu, Ernest Kyei Nkansah\*, Oppong Acheampong.

(2018) Physical Defects, Maintenance and Handling of Ophthalmic Lenses by Students of

Kwame Nkrumah University of Science and Technology *Ophthalmology and Vision Science.*

*Scientia ricerca Open Acess*Volume 2 Issue 1 ISSN: 2573-4997

**9.** Mohammed Abdul-Kabir, David Ben Kumah1, **Ahmed Abdul-Sadik**, Ernest Kyei Nkansah,

Crystabel Chizoba Okohu (2017) Barriers to Utilization of Eye Care among Staff of Kwame

Nkrumah University of Science and Technology, Kumasi, Ghana. *BAOJ Ophthalmol, an open*

*Access journal* Volume 1; Issue 4; 016

**10.** Emmanuel Kofi Addo, Stephen Ankamah-Lomotey. Mohammed Abdul-Kabir, David Ben

Kumah, Ernest Kyei Nkansah, **Ahmed Abdul- Sadik**, Crystabel Chizoba Okohu (2017) Eye

Health Seeking Behavior among Staff of Kwame Nkrumah University of Science and Technology

*Int J Open Access Ophtha* Volume 2 Issue 2 Pages 1-5.

**11**. Clement Afari, Sumaila Mohamadu,Mohammed Abdul-Kabir,David Ben Kumah, **Abdul-**

**Sadik Ahmed** Eugene Appenteng Osae (2016). Ultraviolet –A Protection in Nonprescription

Sunglasses. *EC Ophthalmology* 3.3 (2016): 289-295.

1**2**. David Ben Kumah, Philip Tetteh Djeagbo, Mohammed Abdul-Kabir, **Ahmed Abdul Sadik**,

Stephen Ankamah-Lomotey, Andrews Nartey. (2018) Level of Awareness and Knowledge of

Glaucoma among Ghanaian Undergraduates *EC Ophthalmology* 9.4 (2018): 172-180

**4. Exhibitions**

**Poster Presentation:**

‘’Quality of Life in Glaucoma Patients Visiting the Eastern Regional Hospital’’

Kwame Nkrumah University of Science and Technology, College of Science, Faculty of

Biosciences;

**5. Conferences/ Serminars and Workshops at Which Papers were Read**

**A 18TH-22nd August, 2014:** Advancing Science and Technology Through Effective Communication; 4th Summer School for Senior Members organized by the Quality Assurance and Planning Unit (Vice-Chancellor’s Office), KNUST

**B 17TH-20th August, 2015:** Sustainable Development of Tertiary Institutions in Ghana Amidst

Economic and Security Challenges 5th Summer School organized by the Quality Assurance and Planning Unit, KNUST

**D**  **20TH-24th August, 2018:** Improving Quality of Higher Education Through Effective Measurement and Evaluation 8th Summer School organized by the Quality Assurance and Planning Unit (Vice-Chancellor’s Office), KNUST

**(c) CONTRIBUTION TO CO AUTHORED PUBLICATIONS**

* Refractive Error and Visual Impairment in Private School Children in Ghana, (2013)

Study design and data collection.

* Postoperative Corneal and Surgically Induced Astigmatism following Superior Approach

Manual Small Incision Cataract Surgery in Patients with Preoperative Against-the-Rule

Astigmatism, (2016)

Study design and data analysis

* Ultraviolet –A Protection in Nonprescription Sunglasses, (2016)

Study design and data analysis.

• Ultraviolet - A Protection in Nonprescription Sunglasses. EC Ophthalmology 3.3 (2016):

289-295.

Data analysis and preparation of manuscript

* Pterygium among Staff of College of Science KNUST, Kumasi, (2017)

Data analysis and data analysis

* Profile of Keratoconus in Selected Eye Clinics, Accra, A retrospective study, (2017)

Data analysis and preparation of manuscript

• Barriers to Utilization of Eye Care among Staff of Kwame Nkrumah University of Science

and Technology, Kumasi, Ghana, (2017)

Study design and data analysis

* Prevalence of Anisometropia, Strabismus and Amblyopia among First Year Optometry

Students in Kwame Nkrumah University of Science and Technology, Ghana, (2017)

Study design and data analysis

5. **RECORD OF SERVICE TO THE COMMUNITY**

**University**

* Departmental Examinations officer (2011-2013), (2013-2016), (2016-2017)
* Assistant Examination officer (2004-2010)
* Externship Coordinator for the Department of Optometry and Visual science (2006- 2010)
* Faculty Representative on College Board (2008-2010)
* Consulted for Eye Clinic at the KNUST Hospital (as a Training Location (2008/2
* Academic Tutor in the Department of Optometry and Visual Science (2005-date)
* Participated in most Departmental outreach programs since 2004
* Course facilitator, Institute of Distance Learning, KNUST
* Participated in most Summer School Organized by the University since 2004

**National**

* External Examiner at School of Dispensing Optics Formally Optical Technician

Training Institute (OTTI), Oyoko Ashanti (2012-2014)

**•** Part-Time Lecturer at Optical Technician Training Institute, Oyoko-Ashanti (2006-2009)

* Took part in all the outreach eye care missions in Accra sponsored by the Indian

Association of Ghana and TULSI Trust between 2005 and 2006

* Appointed as a member of the Nalerigu Registered Midwifery (RM) Invigilation Team

for the Ministry of health Diploma Terminal Examination (2nd -6th August 2020)

**International**

* Clinician, Refractive Error Study in Children in Ghana (RESC-Ghana). A World

Council Of Optometry (WCO) Project

* Participated in World Sight Day Eye Screening/Optometry Student Association of

Ghana Education for pupils in some selected public schools in the Ashanti region care

activities in selected communities of Ashanti region (15th October, 2007).