

## CURRICULUM VITAE

### I.

- a. **Name:** Olusola Oluyinka
- b. **Department:** Ophthalmology
- c. **Faculty:** Clinical Sciences

### II.

- a. **First Academic Appointment:** Lecturer I
- b. **Present Post (with date):** Reader (01 October, 2018)
- c. **Date of Last Promotion:** 01 October 2018
- d. **Date Last Considered (in cases where promotion was not through):** Not applicable

### III. University Education (with dates)

- a. University of Jos 1992 - 1998
- b. University of Ibadan 2009 - 2011
- c. University of Ibadan 2016 – 2021

### IV. Academic Qualifications (with dates and granting bodies)

- a. M.B.B.S. (Medicine and Surgery) 1998  
University of Jos
- b. MSc. (Epidemiology & Medical Statistics) 2011  
University of Ibadan
- c. Ph.D. (Clinical Epidemiology) 2021  
University of Ibadan

### V. Professional Qualifications and Diplomas (with dates)

- a. Fellow, West African College of Surgeons 2008
- b. Fellow, National Postgraduate Medical College 2009  
of Nigeria (Ophthalmology)
- c. Glaucoma specialist, Clinical Fellowship in Glaucoma 2012  
Samsung Medical Centre Seoul Korea and New York  
Eye and Ear Infirmary New York

**VI. Scholarships, Fellowships and Prizes (with dates) in respect of Undergraduate and Postgraduate work only)**

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|--|------|
| a. Dr. Oyin Olurin Prize for best candidate in Part 1<br>Fellowship Examination of the National Postgraduate<br>Medical College of Nigeria (NPMC), Nigeria | 2006 |
| b. Professor Emeritus Toriola Solanke 'Caesar' award for Best<br>Resident Research Presentation  | 2007 |
| c. International Council of Ophthalmology (ICO) Fellowship award   | 2008 |
| d. AFER/ARVO Host a Researcher Award   | 2010 |
| e. Council Lecturer, (Named lecture) 35th Ophthalmological<br>Society of Nigeria conference Abuja  | 2010 |
| f. Best Poster Presentation, 36th Ophthalmological Society<br>of Nigeria conference  | 2011 |
| g. Recipient of the Sandwich fellowship award of the International<br>Council of Ophthalmology (ICO)   | 2012 |
| h. Recipient of the Yasuo Tano travel grant award for the APAO<br>Conference in Hyderabad, India   | 2013 |
| i. Appointment as a member of the Associate Advisory Board of the<br>World Glaucoma Association.   | 2013 |
| j. Nomination as member of the International Council of<br>Ophthalmology task force on the guidelines for glaucoma eye care                                | 2014 |
| k. Nomination as member of the glaucoma curriculum development<br>group for West Africa  | 2014 |
| l. Elected as a member of the Board of Governors of the World<br>Glaucoma Association  | 2015 |
| m. Elected as Financial Secretary of the Academic Staff Union of<br>Universities, University of Ibadan Nigeria   | 2016 |
| n. Elected as member of the World Glaucoma Association<br>Africa Project Initiative  | 2016 |
| o. Recipient of the Consortium of Advanced Research<br>and Training in Africa (CARTA)  | 2016 |

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| p. | Nominated and awarded a travel fellowship to attend<br>Glaucoma Research Society Meeting in Parma Italy        | 2018 |
| q. | Elected as a congregational Representative at the<br>University of Ibadan                                      | 2018 |
| r. | Elected as the Vice chairman of the Women in<br>Ophthalmology of Nigeria                                       | 2018 |
| s. | Special recognition award for service by the World<br>Glaucoma Association                                     | 2019 |
| t. | Awarded a Fellowship grant for a PhD at Queens University<br>Belfast by the Department for the Economy (DFE)   | 2019 |
| u. | Elected as Vice Chairman of the Glaucoma Society of Nigeria  | 2020 |
| v. | Nominated as a member in the Package for Glaucoma<br>Interventions team of the World Health Organisation (WHO) | 2021 |

**VII. Honours, Distinctions and Membership of Learned Society:**

- a. Member of Council World Glaucoma Association
- b. Member of the Board of Governors World Glaucoma Association (WGA)
- c. Member of the Academic Staff Union of Universities (ASUU)
- d. Member of the Nigerian Medical Association (NMA)
- e. Member of the Medical and Dental Consultants Association of Nigeria (MDCAN)
- f. Member of the Ophthalmological Society of Nigeria (OSN).
- g. Member of the Nigerian Glaucoma Society

**VIII. Details of Teaching/Work Experience:**

**a. Undergraduate:**

- i. Tutorials and Bedside Teaching of Undergraduate  
Medical Students Posting I and II:
- ii. Ophthalmology Seminars for Undergraduate  
Medical Students Posting I and II
- iii. Ophthalmology Medical Student  
Clinical demonstration Posting I and II
- iv. Outpatient clinical demonstrations

- v. Operating theatre sessions
- vi. Lectures to 300 Level Medical Students
- vii. Core lectures in Ophthalmology to Medical Students

**b. Postgraduate:**

- i. Lectures for peri-operative nursing students
- ii. Lectures for MSc students in Ophthalmology
- iii. Lectures for update revision courses in clinical Ophthalmology to Resident Doctors
- iv. Revision Lectures in Clinical Ophthalmology

**c. Administrative Duties:**

- i. Postgraduate coordinator, Department of Ophthalmology
- ii. Member of the Residency Training Committee in the Department
- iii. Representative of Head of Department in blood transfusion Committee
- iv. Member of team to draw the Glaucoma Curriculum for West Africa
- v. Member of team to draw the guidelines for the diagnosis and treatment of glaucoma organized by the International Council of Ophthalmology

**d. Community Service:**

- i. Health talks on Glaucoma on Radio Stations and Television stations
- ii. Screening of glaucoma patients during World Glaucoma Week yearly
- iii. Community Screening programs

**IX. Research**

**a. Completed**

- i. Evaluation of Community Eye Outreach Programs for Early Glaucoma
- ii. Detection in Nigeria
- ii. Patient Satisfaction with Cataract Surgery and Posterior Chamber
- i. Intraocular Lens implantation at the University College Hospital Ibadan and St Mary's Catholic Eye Hospital Ago-Iwoye, Nigeria
- iii. Exfoliation Syndrome in Nigeria
- iv. Outcome of Trabeculectomy Surgery in Ibadan
- v. Genetics of Juvenile Open Angle Glaucoma patients

- vi. Glaucoma Drainage Devices in Ibadan
- vii. Severity and Treatment Acceptability of Glaucoma Therapy (STAGE)
- viii. Social Construction of Blindness

**b. In Progress**

- i. Severity and Treatment Acceptability of Glaucoma Therapy (STAGE)

This is an African-wide study involving about 8 different African countries working on assessing the stage of presentation, acceptability of therapy and modalities of treatment available.

- ii. Eyes of Africa: The genetics of blindness

This is a multi-centre study which seeks to elucidate the genetics of Primary Open Angle Glaucoma (POAG) in Sub-Saharan Africa

- iii. Qualitative Assessment of Glaucoma in the community

This study focuses on understanding community's perception of glaucoma

**c. Project, Dissertation and Thesis**

- i. Pathways to care of glaucoma patients
- ii. Evaluation of Community Outreach in the earlier diagnosis of glaucoma in Nigeria
- iii. Patient Satisfaction with Cataract Surgery in South West Nigeria

**X. Publications**

**a. Books already published: Nil**

**b. Chapters in books already published:**

1. Alana, G.L., Papadoupoulos, M., Khaw, P.T., Edmunds, B., Mandal, A., Joos, K., Essuman, V., Hodapp, E., Dang, T., Jakobsen, J.E., Krishnadas, S.R., **Olawoye, O.O.**, Plager, D., Silva, L., Caputo, R., Dada, T. and Sung, V. (2013). Glaucoma Surgery in Children In: Weinreb, R.N. Alana, G.L.] (Eds). Childhood Glaucoma. Kugler Publications. 95-134pp. Number of pages: 288. ISBN: 978-90-6299-239 (Netherlands) (Contribution: 20%).
2. Blumenthal, E., Bourne, R., Bron, A., Louise, A., Coleman, A., Costa, V., de Jong, P., Fingeret, M., George, R., Ichhpujani, R., Kiage, D., Krishnadas, A., Lin, S., Mansberger, S., Nangia, V., Perera, S., Pfeiffer, N., **Olawoye, O.O.**, Chandra, G. and Topouzis, F. (2017). Screening of Glaucoma In: Felipe Medeiros, Jeffrey Liebmann, Robert N. Weinreb, David Garway-Heath, Christopher Leung.] (Eds). Diagnosis of

Primary Open Angle Glaucoma. Kugler Publications. 191-212pp. Number of pages:238  
ISBN: 978-90-6299-262 (Netherlands) (Contribution: 20%)

3. **Olusola Olawoye**, Ving Fai Chan, Reddy Adhishesha, Piyasena P, Nathan Congdon. Cataract and Cataract Surgical Coverage Book Chapter Ophthalmic Epidemiology. 2022, ISBN number 9781315146737
4. Chan, V. F., Piyasena, M. M. P. N., Adishesha Reddy, P., Olusola **Olawoye**, & Congdon, N., Community Intervention Trials in Eye Health Intervention Trials in Eye Health. Taylor & Francis 2022, ISBN number 9781315146737
5. **Olusola Olawoye**. [Tools to support data-driven identification and management of glaucoma in Sub-Saharan Africa](#). Queens University Belfast (Thesis)

c. **Articles that have already appeared in Refereed Conference Proceeding:**

6. **Olawoye, O.O.** (2015). Overcoming Barriers to Glaucoma Care in Nigeria  
Bekibele, C.O.] (Ed). Overcoming Barriers to Glaucoma Care in Nigeria:  
Ophthalmological Society of Nigeria Ibadan: *Nigerian Journal of Ophthalmology*. S1  
pp. (Nigeria) (Contribution: 100%).
7. **Olawoye, O.O.** and Idam, P. (2016). Experience with Ahmed Valve Glaucoma  
Drainage Device in Ibadan and Bekibele, C.O. (Ed). Technology for Ophthalmic Care  
in the Developing World: Ophthalmological Society of Nigeria Ibadan: *Nigerian  
Journal of Ophthalmology*. S12 pp. (Nigeria) (Contribution: 80%).
8. **Olawoye, O.O.** (2019). New Trends in the Medical Management of Glaucoma and  
Bekibele, C.O. (Ed). Transactions of the Ophthalmological Society of Nigeria:  
Ophthalmological Society of Nigeria Ibadan: *Samdavies Publishers*. 14 pp. (Nigeria)  
(Contribution: 100%).
9. **Olawoye, O.**, Sarimiye, T., Ashaye, A. (2023). The Efficacy of T-Bet in Intraocular Pressure  
Reduction in Patients with Primary Open Angle Glaucoma: Glaucoma. *Transactions of the  
Ophthalmological Society of Nigeria*, 1(1).
10. Sarimiye TF, AS Ata, MO Ugalahi, **Olawoye OO**, BA Olusanya. [Challenges of Surgical Management of Glaucoma in Aniridia: A Case Series](#) Transactions of the Ophthalmological  
Society of Nigeria. 2019 4 (1), 11

d. **Patents and Copyrights: Nil**

e. **Articles that have already appeared in learned journals:**

11. **Olawoye, O.O.**, Teng, C.C., Liebman, J., Wang, F.M. and Ritch, R. (2011). Iridocorneal Endothelial Syndrome in a 16-year-old. *Journal of Glaucoma* Vol.20.No.5:294-297pp (United States of America) (Contribution: 50%)
12. **Olawoye, O.O.**, Teng, C.C., Shabto, U., Liebman, M.J., Esperance, F.A. and Ritch, R.R. (2011). Visual recovery in a patient with total hyphema, neovascular glaucoma, long standing retinal detachment and no light perception vision: a case report. *Journal of Medical Case Reports* Vol.5:221-225pp (United States of America) (Contribution: 50%)
13. Komolafe, O.O., Ashaye, A.O., Bekibele, C.O., Baiyeroju, A.M. and **Olawoye, O.O.** (2011). Outcome of Trabeculectomy with 5 – Fluorouracil Using The Releasable Suture Technique In A Nigerian Tertiary Hospital. *West African Journal of Medicine* Vol.30. No.3:173-177pp (Ghana) (Contribution: 20%)
14. **Olawoye, O.O.**, Bekibele, C.O. and Ashaye, A.O. (2011). Suppurative keratitis in a Nigerian Tertiary Hospital. *Nigerian Journal of Ophthalmology* Vol.19. No.1:27-29pp (Nigeria) (Contribution: 70%)
15. Komolafe O., **Olawoye, O.O.**, Olutoyin F., Ashaye, A.O. and A Baiyeroju, A.M. (2011). Demographic and Clinical Profile of Patients with Juvenile Onset Open Angle Glaucoma (JOAG) In South Western Nigeria. *Nigerian Journal of Clinical Practice* Vol.14. No.4:396-400pp (Nigeria) (Contribution: 30%)
16. **Olawoye, O.O.**, Ashaye, A.O., Bekibele, C.O. and Ajayi, B.G.K. (2011). Visual outcome after manual small incision cataract surgery in South Western Nigeria. *Nigerian Journal of Ophthalmology* Vol.18. No.2:40-44pp (Nigeria) (Contribution: 60%)
17. **Olawoye, O.O.**, Ashaye, A.O., Bekibele, C.O. and Ajayi, B.G.K. (2011). Visual Outcome of cataract surgery at the University College Hospital Ibadan. *Annals of Ibadan Postgraduate Medicine* Vol.9. No.1:8-13pp (Nigeria) (Contribution: 60%)
18. **Olawoye, O.O.**, Ashaye, A.O., Bekibele, C.O. and Ajuwon, A.J. (2012). A comparative evaluation of patients' satisfaction with cataract surgical services in a public tertiary and a private secondary eye care facility in Nigeria. *Annals of African Medicine* Vol.11.No.3:157-162pp (Nigeria) (Contribution : 60%)

19. **Olawoye, O.O.**, Ashaye, A.O., Bekibele, C.O. and Ajuwon, A.J. (2012). Quality of life and visual function assessment after manual small incision cataract surgery. West African Journal of Medicine Vol.31.No.2:114-119pp (Ghana) (Contribution : 60%)
20. **Olawoye, O.O.**, Ashaye, A.O., Baiyeroju, A.M., Teng, C.C., Liebman, J. and Ritch, R. (2013). Outcomes of Trabeculectomy with 5-Fluorouracil at a Nigerian Tertiary Hospital. Journal of Ophthalmic Vision and Research Vol.8.No.2:126-133pp (Iran) (Contribution : 50%)
21. **Olawoye, O.O.**, Ashaye, A.O., Teng C.C., Liebman, J., Ritch, R. and Ajayi, B.G.K. (2012). Exfoliation Syndrome in Nigeria. Middle East African Journal of Ophthalmology Vol.19. No.4:405-409pp (Saudi Arabia) (Contribution: 50%)
22. **Olawoye, O.O.**, Fawole, O.I., Teng, C.C. and Ritch, R.R. (2013). . Evaluation of community eye outreach programs for early glaucoma detection in Nigeria. Clinical Ophthalmology Vol.7:1753–1759.pp (Australia) (Contribution: 60%)
23. Ashaye, A.O., Ashaolu, O.O., Komolafe, O.O., Ajayi, B.G., **Olawoye, O.O.**, Olusanya, B.A. and Adeoti, C. (2013). Prevalence and types of glaucoma among an indigenous African population in south western Nigeria. Investigative Ophthalmology and Visual Science Vol.54. No.12:7410-7416 pp (United States Of America) (Contribution: 20%)
24. **Olawoye, O.O.** and Sarimiye, T.S. (2013). Spectrum of Glaucoma Presentation in a Nigerian Tertiary Hospital. Nigerian Journal of Ophthalmology Vol.21.No.2:17-21pp (Nigeria) (Contribution: 80%)
25. **Olawoye, O.O.** and Sarimiye, T.S. (2014). Is angle closure a problem in Nigeria. Nigeria Journal of Clinical Practice Vol.17. No.2:159-162pp (Nigeria) (Contribution: 80%)
26. **Olawoye, O.O.**, Olusanya, B.A. and Baiyeroju, A.M. (2014). Duane Retraction Syndrome in a Nigerian Child. The Pan African Medical Journal Vol.19.No.96:1-4pp (Uganda) (Contribution: 70%)
27. **Olawoye, O.O.**, Pasquale L.R. and Ritch, R. (2014). Exfoliation syndrome in sub-Saharan Africa. International Journal of Ophthalmology Vol.34. No.5: 1165-1173pp (China) (Contribution: 70%)
28. **Olawoye, O.O.**, Lee, M., Kuwayama, Y. and Kee, C. (2015). Fornix based trabeculectomy with Mitomycin C using the horizontal conjunctival suture technique. Journal of Glaucoma Vol.24.No.6:455-9pp (United States of America) (Contribution: 60%)



29. Sarimiye, T.F., Fasina, O., Ashaye, A.O., Bekibele, C.O. and **Olawoye, O.O.** (2015). Ocular surface disease among glaucoma patients in Ibadan, South-West Nigeria. *Journal of Ophthalmology of Eastern, Central and Southern Africa* Vol.19. No.1: 34-38pp (Kenya) (Contribution: 20%)
30. Onakoya, A.O. and **Olawoye, O.O.** (2016). Comparative analysis of one year outcomes of selective laser trabeculoplasty versus argon laser trabeculoplasty in Primary Open Angle Glaucoma patients in Nigeria. *East and Central African Journal of Surgery* Vol.21.No.1:65-72pp (Kenya) (Contribution: 50%) (Corresponding author)
31. **Olawoye, O.O.** and Babalola, Y.O. (2016). Iridoschisis in a Nigerian patient; A case report. *Nigerian Journal of Ophthalmology* Vol.24.No.1:39-41pp (Nigeria) (Contribution : 80%)
32. **Olawoye, O.O.**, Ashaye, A.O. and Sarimiye, T.S. (2017). Experience with Argon Laser Trabeculoplasty in Nigeria. *Ghana Medical Journal* Vol.51.No. 4:175-180pp (Ghana) (Contribution: 70%)
33. Aung, T., Ozaki, M., Lee, M.C., Schlötzer-Schrehardt, U., Thorleifsson, G., .., .., .., **Olawoye, O.O.** and Khor, C.C. (2017). Worldwide genetic association study of exfoliation syndrome identifies highly protective rare 2 variants at LOXL1 and five new common-variant susceptibility loci. *Nature Genetics* Vol.49.No.7:993-1004pp (United States of America) (Contribution: 20%)
34. **Olawoye, O.O.** and Ashaye, A.O. (2017). Long term outcomes of augmented trabeculectomy with 5FU in Nigeria. *Journal of the West African College of Surgeons* Vol.7. No.1:92-112pp (Nigeria) (Contribution: 80%)
35. Babalola, Y.O., **Olawoye, O.O.** and Idam, P.O. (2017). Optic disc coloboma in two Nigerian Siblings; Case report & Review of Literature. *Nigerian Journal of Ophthalmology* Vol.20:1505-1509pp (Nigeria) (Contribution: 50%) (Corresponding author)
36. Oluleye, T.S., Brown, B.J. and **Olawoye, O.O.** (2017). Ocular manifestations of children with sickle cell disease in Ibadan, Nigeria. *East African Medical Journal* Vol.94. No.10:812-818pp (Kenya) (Contribution: 50%) (Corresponding author)
37. **Olawoye, O.O.**, Ogunleye, T., Sarimiye, T.F. and Bello, T.O. (2018). Acute angle closure in a 34-year-old Nigerian Female. *Nigerian Journal of Clinical Practice* Vol.21:942-944pp (Nigeria) (Contribution: 60%).

38. Idakwo, U., **Olawoye, O.O.**, Ajayi, B.G.K. and Ritch. R.R. (2018). Exfoliation in Northern Nigeria. *Clinical Ophthalmology* Vol.12:21-27pp (Australia) (Contribution: 60%) (Corresponding author)
39. **Olawoye, O.O.**, Sarimiye, T.F., Ashaye, A.O., Young, H.H., Han, J.C. and Ahn, B.H. (2018). Surgical outcomes of membrane tube type glaucoma shunt device in indigenous Africans. *Clinical Ophthalmology* Vol.12:279-286pp (Australia) (Contribution: 50%).
40. Omotosho, I.O., Nwachukwu, C.N., **Olawoye, O.O.**, Oluleye, T.S. and Ayeotan, T. (2018). Plasma and Aqueous Humour Electrolyte Levels, Sodium Pump Activity and Intraocular Pressure in Glaucoma and Cataract Subjects attending a Nigerian Tertiary Hospital. *African Journal of Biomedical Research* Vol.21.No.2:169-174pp (Nigeria) (Contribution: 20%)
41. Aina, A., **Olawoye, O.O.** and Oluleye, T.S. (2018). Factors affecting compliance with glaucoma medications in Nigeria. *South African Journal of Ophthalmology* Vol.13. No.1:17-21pp (South Africa) (Contribution: 30%)
42. **Olawoye, O.O.**, Idam, P.O. and Ibukun, F.A. (2018). An Uncommon Case of Intra-operative Retrobulbar Haemorrhage Following Subtenon Anaesthesia. *Nigerian Journal of Ophthalmology* Vol. 26:133-136pp (Nigeria) (Contribution: 70%).
43. \*Realini, T., **Olawoye, O.O.**, Kizor-Akaraiwe, N., Manji, S. and Sit, A. (2018). The rationale for selective laser trabeculoplasty. *Asia Pacific Journal of Ophthalmology* Vol.7:387-393pp (United States of America) (Contribution: 30%)
44. \*Kizor-Akaraiwe, N. and **Olawoye, O.O.** (2019). Allocating Resources for Glaucoma Care – A Review. *United States Ophthalmic Review* Vol.12. No.2: 77-84pp (United States of America) (Contribution: 50%)
45. \*Aina, A.S., **Olawoye, O.O.**, Oluleye, T.S., Uyanne, I. and Aina, I. (2019). Knowledge of glaucoma management among glaucoma patients on medical therapy in a tertiary hospital. *African Journal of Medicine and Medical Sciences*. Vol.48:77-83pp (Nigeria) (Contribution: 30%)
46. \*Abdull, M., **Olawoye, O.O.**, Kyari, F., Ani, P.O. and Oworu, O. (2019). Unilateral Retinitis Pigmentosa in Nigerian Male. *Journal of West African College of Surgeons* Vol.9.No.2:135-144pp (Nigeria) (Contribution: 30%)
47. \*Hauser, M.A., Allingham, R.R., Aung, T., Van-Der- Heide, C.J., Taylor, K.D., Rotter, J.I., Wang, S.J., **Olawoye, O.O.**, Weinreb, R.N., Ashley-Koch, A.E., Fingert, J.H. and Khor, C.C. (2019). Association of Genetic Variants with Primary Open-Angle Glaucoma Among Individuals With African Ancestry *Journal of American Medical*

Association Vol.322. No. 17:1682-1691pp (United States Of America) (Contribution: 20%).

48. \***Olawoye, O.O.**, Fawole, O., Monye, H. and Ashaye, A.O. (2020). Eye Care Practices, Knowledge, and Attitude of Glaucoma Patients at Community Eye Outreach Screening in Nigeria. *Journal of West African College of Surgeons* Vol.10:16-22pp (Nigeria) (Contribution: 60%).
49. \*Sarimiye, T.F., **Olawoye, O.O.**, Monye, H., Bekibele, C.O. and Ashaye, A.O. (2020). Outcomes of Cataract Surgery Following Glaucoma Filtering Surgery at the University College Hospital, Ibadan. *Nigerian Journal of Ophthalmology* Vol.28:57-60pp (Nigeria) (Contribution: 20%)
50. \***Olawoye, O.O.** and Sarimiye, T.F. (2020). Axenfield-Riegers Syndrome in Nigeria: two case report with associated glaucoma. *African Journal of Medicine and Medical Sciences* Vol.49.No.1:1-6pp (Nigeria) (Contribution: 80%)
51. \*Umoh, I., **Olawoye, O.O.** and Baiyeroju, A.M. (2020). Changes in Intraocular Pressure After Exercise in Newly Diagnosed Glaucoma Patients and Normal Subjects – A Pilot Study. *Afr. J. Biomed. Res.* Vol.23:43-46pp (Nigeria) (Contribution: 30%)
52. \*Olatunji, O.P., **Olawoye, O.O.** and Ajayi. B. (2020). Correlation and Agreement Between Water Drinking Test and Modified Diurnal Tension Curve in Untreated Glaucoma Patients in Nigeria. *Journal of Glaucoma* Vol.29.No.6:498-503.pp (United States of America) (Contribution: 50%) (Corresponding Author)
53. \***Olawoye, O.O.**, Azuara-Blanco, A., Chan, V.F., Piyasena, P., Grainne, E., O'Neill and Congdon, N. (2021). A Review to Populate a Proposed Cost-Effectiveness Analysis of Glaucoma Screening in Sub-Saharan Africa. *Ophthalmic Epidemiology* Vol.29. No.3:328-338.pp (United States of America) (Contribution: 50%)
54. \*Ogunleye, O., **Olawoye, O.O.**, Sarimiye, T.F., Bekibele, C.O. and Ashaye, A.O. (2021). The Effect of Direct Health Education on the Uptake of Screening by First Degree Relatives of Glaucoma Patients in Nigeria *Journal of Glaucoma* Vol.30. No.5:395-401.pp (United States of America) (Contribution: 50%) (Corresponding author)
55. \*Gharahkhani, P., Jorgenson, E., Hysi, P., Khawaja, P., Pendergrass, S., Han, X., Rouhana, J., Hamel, A.R., Robert, P., Choquet, H., Qassim, A., Josyula, S., Cooke-Bailey, J., Bonnemaier, P., , Siggs, O.R., Young, T.L., Ashaye, A., **Olawoye, O.O.**, Williams, S.E., Akafo, S., Ramsay, M., Hashimoto, K., Foster, P.J., Khaw, P.T., Morgan, J.E., Strouthidis, M.G., Kraft, P., Kang, J.H., Pang, C.P., Pasutto, F., Mitchell,

- P., Lotery, A.J., Kubo, M., Cheng, C.Y., Craig, J.E., MacGregor S. and Wiggs, J.L. (2021). Genome-wide meta-analysis identifies 127 open-angle glaucoma loci with consistent effect across ancestries. *Nature Communications* Vol.12:1258-1274.pp (United States of America) (Contribution: 20%)
56. \***Olawoye, O.O.**, Chuka-Okosa, C., Onoja, A., Realini, T., Hauser, M. and Ashaye, A. (2021). Eyes of Africa: The Genetics of Blindness: Study Design and Methodology. *BMC Ophthalmology* Vol. 21. No.272:126-133pp. (United Kingdom) (Contribution: 50%)
57. Keel S, Lingham G, Misra N, Block S, Bourne R, Calonge M, Cheng CY, Friedman DS, Furtado JM, Khanna R, Mariotti S, Mathenge W, Matoto E, Müller A, Rabiou M, Rasengane T, Resnikoff S, Wormald R, Yasmin S, Zhao J, Evans JR, Cieza A; **Olawoye OO**. Package of Eye Care Interventions Development Group. Toward Universal Eye Health Coverage-Key Outcomes of the World Health Organization Package of Eye Care Interventions: A Systematic Review. *JAMA Ophthalmol.* 2022 Dec 1;140(12):1229-1238. doi: 10.1001/jamaophthalmol.2022.4716. PMID: 36394836.
58. **Olawoye O**, Kizor-Akaraiwe N, Pons J, Sarimiye T, Washaya J, Hughes S, Ashaye A, Garba F, Gessesse GW, Chitedze R, Ibanga A, Saka V, Agre J, Mahdi A, Ogunro A, Budengeri P, Ajibode HA, Tamrat L, Onakoya A, Okeke S, Hulley JA, Giorgis A, Onyekachi IW, Okosa CC, Ogonnaya C, Abdulsalam S, Fowobaje K, Cook S, Lawrence S, Macheke B, Chan VF, Blanco AA, Congdon N, Realini T; STAGE Research Group. Clinical Characteristics and Stage at Presentation of Glaucoma Patients in Sub-Saharan Africa. *J Glaucoma.* 2022 Sep 1;31(9):717-723. doi: 10.1097/IJG.0000000000002068. Epub 2022 Jun 27. PMID: 35758429.
59. **Olawoye O**, Salami KK, Azeez A, Adebola P, Sarimiye T, Imaledo J, Realini T, Hauser MA, Ashaye A. The social construction of genomics and genetic analysis in ocular diseases in Ibadan, South-western Nigeria. *PLoS One.* 2022 Dec 1;17(12):e0278286. doi: 10.1371/journal.pone.0278286. PMID: 36454870; PMCID: PMC9714877
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61. **Olusola Olawoye** et al. Impact of Covid 19 pandemic on eye care services and training in Nigeria. *Nigerian Journal of Medicine* (2022) 31(3): p 280-284, May–Jun 2022.

62. Gbadegesin TM, **Olawoye O**, Sarimiye TF, Idowu OO, Ajayi BGK. Amsler Grid Versus 10-2 Test in Primary Open Angle Glaucoma. *J West Afr Coll Surg*. 2023 Apr-Jun;13(2):92-99. doi: 10.4103/jwas.jwas\_275\_22. Epub 2023 Mar 20. PMID: 37228887; PMCID: PMC10204916.
63. Monye HI, **Olawoye OO**, Ugalahi MO, Oluleye TS. Nigerian parents' perspectives on genetic testing in their children with genetic eye diseases. *J Community Genet*. 2023 Jul 27. doi: 10.1007/s12687-023-00658-8. Epub ahead of print. PMID: 37498433.
64. Monye HI, **Olawoye OO**, Ugalahi M. Burden and clinical profile of genetic eye diseases in children in Nigeria: a descriptive, cross-sectional study. *Pan African Medical Journal* 2023, 45:150 10.11604/pamj.2023.45.150.40668
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66. Oluwaniyi AT, **Olawoye O**, Sarimiye TF, Ajayi BGK. Comparison of Ocular Biomery in Primary Open Angle Glaucoma and Non-glaucoma in South West Nigeria. *J West Afr Coll Surg*. 2023 Apr-Jun;13(2):37-44. doi: 10.4103/jwas.jwas\_264\_22. Epub 2023 Mar 20. PMID: 37228875; PMCID: PMC10204919.
67. **Olawoye, Olusola**<sup>\*,†</sup>; Washaya, Jennifer<sup>‡</sup>; Gessesse, Girum W.<sup>§</sup>; Balo, Komil<sup>||</sup>; Agre, Jeremie<sup>¶</sup>; Macheka, Boniface<sup>#</sup>; Akaraiwe, Nkiru Kizor<sup>\*\*,††</sup>; Pons, Jonathan<sup>‡‡</sup>; Sarimiye, Tarela<sup>\*</sup>; Ashaye, Adeyinka<sup>\*</sup>; Garba, Farouk<sup>§§</sup>; Chitedze, Richard<sup>|||</sup>; Ibanga, Affiong<sup>¶¶</sup>; Mahdi, Abdull<sup>##</sup>; Ogunro, Adunola<sup>\*\*\*</sup>; Budengeri, Patrick<sup>†††</sup>; Ajibode, Haroun Adetunji<sup>‡‡‡</sup>; Tamrat, Lemlem<sup>§§§</sup>; Onakoya, Adeola<sup>||||</sup>; Okeke, Suhanyah<sup>¶¶¶</sup>; Giorgis, Abeba T.<sup>###</sup>; Okosa, Chimdi Chuka<sup>\*\*\*\*</sup>; Fowobaje, Kayode<sup>††††</sup>; Cook, Stephen<sup>‡‡‡‡</sup>; Lawrence, Scott<sup>§§§§</sup>; Chan, Ving Fai<sup>†</sup>; Blanco, Augusto Azuara<sup>†</sup>; Congdon, Nathan<sup>†·|||||</sup>; Realini, Tony<sup>¶¶¶¶</sup>; The STAGE Research Group. Glaucoma Treatment Patterns in Sub-Saharan Africa. *Journal of Glaucoma* ():10.1097/IJG.0000000000002273, July 21, 2023. | DOI: 10.1097/IJG.0000000000002273
68. **Olawoye OO**, Ha TH, Pham N, Nguyen L, Cherwek DH, Fowobaje KR, Ross C, Coote M, Chan VF, Kahook M, Peto T, Azuara-Blanco A, Congdon N. Impact of a short online course on the accuracy of non-ophthalmic diabetic retinopathy graders in recognising glaucomatous optic nerves in Vietnam. *BMJ Open*. 2023 Nov 9;13(11):e076623. doi: 10.1136/bmjopen-2023-076623. PMID: 37945295; PMCID: PMC10649381.

f. **Books, Chapters in Books and Articles already accepted for Publication: Nil**

g. **Technical Reports and Monographs:**

69. Gupta, N., Aung, T., Congdon, N., Dada, T., Lerner, F., **Olawoye, O.O.**, Resnikoff, S., Wang, N. and Wormald, R. (2015). *ICO Guidelines for Glaucoma Eye Care*.

International Council of Ophthalmology: 1-28pp. (United States of America)  
(Contribution: 20%)

70. \*Kyari, K., Abdull, M.A., Choudhari., Kiage, D., Lewis, K., Ogundimu, K., Onakoya, A., Phatudi, P., Realini, T., Admasu, F., Agre, J., Almeida, A., Balo, K., Blijkers, D., Chagunda, M., Kadidia, D.M., Eshetu, D.Z., Gessesse, G.W., Giorgis, T.A., Mohammed, M.S., Mulugeta, A., Murdoch, I., **Olawoye, O.O.**, Penzin, S., Sanou, J., Tadesse, T., Tagoe, N. and Tchouyo, M. (2021). A toolkit for Glaucoma Management in Sub-Saharan Africa. Light for the World: 1-124pp. (Nigeria) (Contribution: 20%)

**h. Chapters in Edited Books/Revised Chapters in Edited Books: Nil**

**XI. Major Conferences Attended in the last 5 years (with Papers Read):**

1. Ophthalmological Society of Nigeria conference, Ophthalmological Society of Nigeria Conference, Port Harcourt, Nigeria. 23rd-26th August 2016.

**Paper Read:** The interpretation of OCT, FDT & HRT tests in glaucoma

2. World Glaucoma Congress, World Glaucoma Association, Helsinki, Finland. 13th-16th June 2017.

**Paper Read:** Surgical Outcomes of Fine tube in Nigerians

**Paper Read:** What are the main barriers to glaucoma care in Sub-Saharan Africa

3. Novartis organized conference, Novartis, Lagos, Nigeria. 8th August 2017.

**Paper Read:** Ocular surface disease and the role of preservatives in glaucoma care

4. Ophthalmological Society of Nigeria conference, Nigerian Glaucoma Society, Kaduna, Nigeria. 23rd-26th August 2017.

**Paper Read:** Trabeculectomy elements: Step by step practical tips from conjunctiva to the end. Pearls and Pitfalls

5. International Glaucoma Summit, International Glaucoma Summit, Enugu, Nigeria. 7th-9<sup>th</sup> February 2018.

**Paper Read:** Visual fields in glaucoma management

**Paper Read:** Progression in glaucoma management International Glaucoma

6. World Glaucoma Congress, Australian Society of Ophthalmology and World Glaucoma Association, Melbourne, Australia. 27th-30th March 2019.

**Paper Read:** Allocating precious resources to optimize care- Getting care to those who need it

7. World Ophthalmology Conference, South African Ophthalmology Society and International Council of Ophthalmology, Durban, South Africa. 26th-29th June 2020.

**Paper Read:** Exfoliation Glaucoma: Challenges and Treatment Options

## **XII. Ten Best Publications that Reflect the Totality of my Contributions to Scholarship:**

1. **Olawoye, O.O.**, Ashaye, A.O., Teng C.C., Liebman, J., Ritch, R. and Ajayi, B.G.K. (2012). Exfoliation Syndrome in Nigeria. Middle East African Journal of Ophthalmology Vol.19. No.4:405-409pp (Saudi Arabia) (Contribution: 50%)
2. **Olawoye, O.O.**, Fawole, O.I., Teng, C.C. and Ritch, R.R. (2013). . Evaluation of community eye outreach programs for early glaucoma detection in Nigeria. Clinical Ophthalmology Vol.7:1753–1759.pp (New Zealand) (Contribution: 60%)
3. Ashaye, A.O., Ashaolu, O.O., Komolafe, O.O., Ajayi, B.G., **Olawoye, O.O.**, Olusanya, B.A. and Adeoti, C. (2013). Prevalence and types of glaucoma among an indigenous African population in south western Nigeria. Investigative Ophthalmology and Visual Science Vol.54. No.12:7410-7416 pp (United States of America) (Contribution: 20%)
4. **Olawoye, O.O.**, Lee, M., Kuwayama, Y. and Kee, C. (2015). Fornix based trabeculectomy with Mitomycin C using the horizontal conjunctival suture technique. Journal of Glaucoma Vol.24. No.6:455-9pp (United States of America) (Contribution: 60%)
5. **Olawoye O**, Kizor-Akaraiwe N, Pons J, Sarimiye T, Washaya J, Hughes S, Ashaye A, Garba F, Gessesse GW, Chitedze R, Ibanga A, Saka V, Agre J, Mahdi A, Ogunro A, Budengeri P, Ajibode HA, Tamrat L, Onakoya A, Okeke S, Hulley JA, Giorgis A, Onyekachi IW, Okosa CC, Ogbonnaya C, Abdulsalam S, Fowobaje K, Cook S, Lawrence S, Macheka B, Chan VF, Blanco AA, Congdon N, Realini T; STAGE Research Group. Clinical Characteristics and Stage at Presentation of Glaucoma Patients in Sub-Saharan Africa. J Glaucoma. 2022 Sep 1;31(9):717-723. doi: 10.1097/IJG.0000000000002068. Epub 2022 Jun 27. PMID: 35758429.
6. Aung, T., Ozaki, M., Lee, M.C., Schlötzer-Schrehardt, U., Thorleifsson, G., ., ., ., **Olawoye, O.O.** and Khor,C.C. (2017). Worldwide genetic association study of exfoliation syndrome identifies highly protective rare 2 variants at LOXL1 and five new common-variant susceptibility loci. Nature Genetics Vol.49. No.7:993-1004pp (United States of America) (Contribution: 20%)
7. **Olawoye O**, Salami KK, Azeez A, Adebola P, Sarimiye T, Imaledo J, Realini T, Hauser MA, Ashaye A. The social construction of genomics and genetic analysis in ocular diseases in Ibadan, South-western Nigeria. PLoS One. 2022 Dec 1;17(12):e0278286. doi: 10.1371/journal.pone 0278286. PMID: 36454870; PMCID: PMC9714877
8. **Olawoye, Olusola**<sup>\*†</sup>; Washaya, Jennifer<sup>‡</sup>; Gessesse, Girum W.<sup>§</sup>; Balo, Komi<sup>||</sup>; Agre, Jeremie<sup>¶</sup>; Macheka, Boniface<sup>#</sup>; Akaraiwe, Nkiru Kizor<sup>\*\*††</sup>; Pons, Jonathan<sup>‡‡</sup>; Sarimiye, Tarela<sup>\*</sup>; Ashaye, Adeyinka<sup>\*</sup>; Garba, Farouk<sup>§§</sup>; Chitedze, Richard<sup>|||</sup>; Ibanga, Affiong<sup>¶¶</sup>; Mahdi, Abdull<sup>###</sup>; Ogunro, Adunola<sup>\*\*\*</sup>; Budengeri, Patrick<sup>†††</sup>; Ajibode, Haroun Adetunji<sup>†††</sup>; Tamrat, Lemlem<sup>§§§</sup>; Onakoya,



Adeola<sup>||||</sup>; Okeke, Suhanyah<sup>||||</sup>; Giorgis, Abeba T.<sup>###</sup>; Okosa, Chimdi Chuka<sup>\*\*\*</sup>; Fowobaje, Kayode<sup>++++</sup>; Cook, Stephen<sup>++++</sup>; Lawrence, Scott<sup>ssss</sup>; Chan, Ving Fai<sup>†</sup>; Blanco, Augusto Azuara<sup>†</sup>; Congdon, Nathan<sup>†-||||</sup>; Realini, Tony<sup>||||</sup>; The STAGE Research Group. Glaucoma Treatment Patterns in Sub-Saharan Africa. *Journal of Glaucoma* (>):10.1097/IJG.0000000000002273, July 21, 2023. | DOI: 10.1097/IJG.0000000000002273

9. **Olawoye OO**, Ha TH, Pham N, Nguyen L, Cherwek DH, Fowobaje KR, Ross C, Coote M, Chan VF, Kahook M, Peto T, Azuara-Blanco A, Congdon N. Impact of a short online course on the accuracy of non-ophthalmic diabetic retinopathy graders in recognising glaucomatous optic nerves in Vietnam. *BMJ Open*. 2023 Nov 9;13(11):e076623. doi: 10.1136/bmjopen-2023-076623. PMID: 37945295; PMCID: PMC10649381.
10. **Olawoye OO**, Fawole O, Ashaye AO, Chan VF, Azuara-Blanco A, Congdon N. Effectiveness of community outreach screening for glaucoma in improving equity and access to eye care in Nigeria. *Br J Ophthalmol*. 2023 Jan;107(1):30-36. doi: 10.1136/bjophthalmol-2021-319355. Epub 2021 Aug 6. PMID: 34362773.

### **Research Focus:**

My research focus has been in three major areas in the glaucoma sub-specialty; Epidemiology, Management and Exfoliation glaucoma. The epidemiology, clinical presentation and importance of community eye outreach programs in earlier diagnoses of glaucoma has been described in our work. Some of the scholarly contributions include a landmark study that first reported that the age -adjusted prevalence of glaucoma in Nigeria was 6.9%. Managing glaucoma in resource-deprived regions of SSA is a huge challenge and surgical management has been advocated as a first line of management. Our work has been directed at reporting the outcomes of these surgeries in Nigerians and suggesting ways of improving the outcome of glaucoma surgeries. One of such innovations is the active bleb management in the postoperative management of trabeculectomy with improved outcomes. This was succinctly reported in our work where the improved efficacy of trabeculectomy with active bleb management in the short and long term was demonstrated. Another major contribution to knowledge is the surgical outcomes of membrane tube-type glaucoma drainage devices in Nigerians. Prior to this time, shunt surgeries were not possible in Nigeria. Patients whose intraocular pressure could not be controlled with trabeculectomy and medical management had to travel abroad for the glaucoma shunt surgery. Patients who need this surgery now have the opportunity of having the surgery here in Nigeria. The outcome has been reported in a paper published in January 2018. Another area of treatment is the use of lasers in glaucoma management. The efficacy of argon laser trabeculoplasty in reducing intraocular pressure in Nigerian was published in 2017. This study reported that argon laser, a relatively cheaper laser machine was also effective in lowering intraocular pressure and the result was reasonably comparable to that of selective laser machine which is far more expensive and unavailable in many clinics in Sub-Saharan Africa. The other research focus is on exfoliation glaucoma and exfoliation syndrome. As a co-investigator in the worldwide Exfoliation Glaucoma Genetics Consortium (Singapore) blood samples were collected from patients with exfoliation glaucoma/syndrome and sequencing analysis was performed on the extracted DNA. Exfoliation syndrome in Nigeria was first reported in a publication which was conducted, designed and performed by me. Lastly, scholarly contributions have been made as a coauthor to the international guidelines for glaucoma care by the International Council of Ophthalmology. Currently, I am a principal investigator in the Severity Treatment Acceptability of Glaucoma therapy in an African-wide study, and a co-investigator in studying the genetics of glaucoma in Sub-Saharan Africa.

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**Names**

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**Signature**

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**Date**