***CURRICULUM VITAE***

**(i) Name OLOWOOKERE** Christopher Jimoh.

**(ii) Nationality** Nigerian

**(iii) Marital Status** Married

**(iv) Numbers/Ages of Children** 4 (20, 17, 15, 11 years)

**(v) GSM Number** 0706 481 6962, 0805 533 6092

**(vi) E-mail Address** [olowokerec@yahoo.com](mailto:olowokerec@yahoo.com),

[cj.olowookere@acu.edu.ng](mailto:cj.olowookere@acu.edu.ng)

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**(vii) University Education**

University of Ibadan

University of Ibadan, Ibadan

Olabisi Onabanjo University, Ago Iwoye

University of Ilorin, Ilorin

**(viii) Academic Qualifications**

|  |  |  |
| --- | --- | --- |
| **Academic Qualification** | **Dates** | **Granting Bodies** |
| Ph D (Radiation and Health Physics) | 2016 | University of Ibadan, Ibadan |
| M.Sc. (Radiation and Health Physics) | 2000 | University of Ibadan, Ibadan |
| B. Sc (Hons) Physics | 1992 | University of Ilorin, Ilorin |

**(ix) Professional Qualifications and Diplomas**

Postgraduate Diploma in Education (PGDE) 2002 OlabisiOnabanjo University, Ago- Iwoye.

**(x) Honours, Distinction and Membership of Learned Societies.**

- Awarded the second best research paper during the 32nd Nigerian Institute of Physics (NIP) Conference held at University of Maiduguri between 21-24th April, 2010.

* A Certificate of Outstanding Contribution in Reviewing, Awarded by Journal of Radiation Research and Applied Sciences (The Egyptian Society of Radiation Sciences and Applications), 2017.

- Member of Nigerian Institute of Physics (MNIP).

**(xi) Membership of Voluntary Organization**

- Member of Corps of Nigerian Commissionaires, Nigerian Legion (Batch C)

(Osun State Command)

**(xii) Present Position:** Senior Lecturer 1st October, 2015 till date

(Current Acting Head, Department of Physics)

**(xiii)Work Experiences**

(c) **Lecturing**: Bowen University, Iwo 2004 -2006

Department of Physics and Solar Energy

**(Assistant Lecturer)**.

(d) **Lecturing**:Ajayi Crowther University, Oyo 2006-2009 Department of Physics with Electronics

**(Lecturer II)**.

(e) **Lecturing**:Ajayi Crowther University, Oyo 2009- 2012

Department of Physics with Electronics

**(Lecturer I)**.

(f) **Lecturing**:Ajayi Crowther University, Oyo 2012- 2015

Department of Physics with Electronics

**(Senior Lecturer)**. 2015-Till date

**(xiv) Other Work Experiences**

(h) **Examiner (Physics)**: West African Examination Council 1994-2008

(i)  **Examiner (Physics):** National Examination Council (NECO) 2000-2008

**Member of Senate** (Faculty Rep at Senate and as Ag. Head) 2015 till date

**(xv) List of Scholarly Publications**

(i) **Olowookere, C.J**., Bamgboye, D.K. and Vincent, U.E.(2005). On the Variation of

Plasma Bubble Irregularities in African Region. *Nigerian Journal of Science,* 39: 93-101.

(ii) **Olowookere, C.J**., Oberafo, A.A. and Vincent, U.E. (2006). Effect of Annealing and

Radiation Exposures on LiF (TLD-100) Phosphor.*Nigerian Journal of Physics*, 18(2): 211-217.

(iii) **Olowookere, C.J**., Obed, R.I., Oluwafisoye, P.A. and Vincent, U.E (2008). Medical

/Health Physicist: Missing Component of Nigeria Radiological Crew. *Journal of Advancement in Medical and Pharmaceutical Sciences*, vol 2, number 4, Duncan Science Company.

(iv) Oluwafisoye, P.A.,**Olowookere, C.J**. Oluwagbemi, M.A.andAdeola, O.F. (2009).

Monitoring and Quality Control Tests of National Petroleum Corporation (NNPC) Diagnostic Facilities: Part of Quality Assurance Programme of Radiology inNigeria. *Journal of Theoretical and Applied Information Technology* (JATIT),vol 5no.3.

(v) **Olowookere, C.J**., Babalola, I.A., Olayiwola, M.O.,Odina, G.,Obed, R.I and Bello,

T.O. (2009).Comparison of five Models for Assessing Patient Dose from Radiological Examination.*Afr Biomed Eng and Sc* (1); 21-29.

(vi) Egunyinka, O.A.., **Olowookere, C.J.,**Jibiri, N.N., Babalola, I.A., and Obed, R.I.(2009). A Evaluation of 238U, 40K and 232Th Concentration in the top soil of theUniversity of Ibadan (UI) Southwestern Nigeria. *Pacific Journal of Science and Technology;* 10 (2): 742-752

(vii) Oluwafisoye, P.A., **Olowookere, C.J**., Obed, R.I. Efunwole, H.O. and Akinpelu, J.A

(2009). Environmental survey and Quality Control Tests of X-ray Diagnostic Facilityof a Large Nigerian Hospital.*International Journal of Research and Review in Applied Sciences*; 1(2): 157-162.

(viii) Olisekodiaka, M.J. Bello, T.O.,Onuegbu, A.J., **Olowookere, C.J**., Lebi, O.M.,Omotayo, L.O., Igheneghu, Y., Olugbenga- Bello, A.T.(2009).Evaluation of SerumTotal Antioxidant Status Level in Health Workers Exposed to low Radiation Doses ina Large Nigerian Hospital. . *International Journal of Research and Review in Applied Sciences*: 1(2): 152-156.

(ix) Ojesanmi,O.A., Makinde,O.E., **Olowookere,C.J**., Akinpelu, J.A., and Agbelusi, O(2009). Hot Spot Congestion Relief in CellullarNewwork. Second InternationalConference on Computer and Electrical Engineering.IEEE Computer Society; 274-278.

(x) Oluwafisoye, P.A., **Olowookere, C.J.,**Jibiri, N.N., Bello, T.O., Alausa, S.K. and Efunwole, H.O. (2010) Quality Control and Environmental Assessment of Equipment used in Diagnostic Radiology. *International Journal of Research and Review in Applied Science;* 3(2):148-158.

(xi) **Olowookere, C.J**., Akinpelu, J.A.,Fakunle, M.A. and Oluwafisoye, P.A (2010).Radiation Effective Dose to Patients Undergoing selected X- Ray Examinationsfrom Entrance Surface Dose: Need for matching of Patient size and Technique Factors. *International Journal of Physical Sciences*, volume 2 (2);137-146.

(xii) **Olowookere**, C.J., Obed, R.I, Babalola, I.A. and Bello, T.O(2010).Dosimetry during Chest, Abdomen, Skull and Neck Radiography in SW,Nigeria. *Radiography* 17 (2011) 245-249.

(xiii) **Olowookere, C.J**.;Obed R.I.; Babalola. I.A. Bamidele, L. Onabiyi, B; Ajumobi, O.O;

Iyiade O.J; Ajetumobi, E.O. (2012) Assessment of Radiological Parameters and Patient

Dose Audit using Semi-Empirical Model. Pacific Journal of science and Technology,

volume 13 (1) 487- 495.

(xiv) **Olowookere, C.J**., Babalola, I.A., Jibiri, N.N., Obed, R.I., Bamidele, L. and Ajetumobi, E.O. (2012). A preliminary radiation dose audit in some Nigerian hospitals: need for determination of national diagnostics reference levels (NDRLs). Pacific Journal of science and Technology.13 (1):487- 495.

(xv) Oluwafisoye, P.A., **Olowookere, C.J**., Jibiri, N.N., Obed, R.I., Bello, T.O., Bamidele, L. andOdina, G. (2013). A parametric model for estimating x-ray tube output using exposure factors, Journal of the Nigerian Association of Mathematical Physics 24 (July), 453-462.

(xvi) Jibiri, N.N., Akano, A.A. and **Olowookere, C.J**. (2013). Population exposure to ionising radiation from radiological examination in a large Nigerian hospital (UCH) between 1988 and 2007: Necessity of dose data on extremity examination. Journal of the Nigerian Association of Mathematical Physics 25(2):189-198.

(xvii) Oluwafisoye, P.A., Obed, R.I., Bisi-Johnson, M.A.,**Olowookere, C.J**., Popoola, A.O., and Efunwole, H.O. (2013). Environmental assessment, instrumentation-quality control test of radiological equipment and human health implication.Academic Journal, 8(4) 2277- 2280.

(xviii) Jibiri, N.N., Lawal, I.O. and **Olowookere, C**.**J**. (2015). Radiation effective dose to caregiver of patients on 131I (radioiodine) therapy for cancer of the thyroid at University College Hospital (UCH), Ibadan, Nigerian .Journal of the Nigerian Association of Mathematical Physics, 31(July): 325-330.

(xix) **Olowookere, C.J**., Adeoje, E.A, Jibiri, N.N. and Igboama, W.N. (2015).Measurement of Natural Radioactivity levels in the topsoil of abandoned tantalite mine in southwestern, Nigeria. Journal of the Nigerian Association of Mathematical Physics, 31(July):161-166.

(xx) **C.J. Olowookere**, N.N. Jibiri, T.O. Bello and C. Aborishade (2016).Estimation of Cancer Risks Arising from Medical Exposure to Ionizing Radiation of a Population in Southwestern Nigeria. *Pacific Journal of Science and Technology*. 17(1):241-257.

(xxi) Jibiri, N.N.,**Olowookere, C.J.** (2016)Patient dose audit of the most frequent radiographic examinations and the proposed localdiagnostic reference levels in Southwestern Nigeria: Imperative of dose optimisation. *Journal of Radiation Research and Applied Science.*

(xxii) Jibiri, N.N., Akintunde, T.O., Dambele, M.Y. and **Olowookere, C.J**. (2016). Occupational Radiation Exposure to the Extremities of Medical Staff during Hysterosalpingography and Radionuclide Bone Scan Procedures in several Nigerian Hospitals. *Mol Imaging RadionuclTher,* 25,114-120.

(xxiii) Jibiri, N.N. and **Olowookere, C.J**. (2016). Evaluation of dose-area product of common ` radiographic examinations towards establishing a preliminary diagnostic reference levels (PDRLs) in Southwestern Nigeria. *Journal of Applied Clinical Medical Physics*, 17(6).

xxiv Adeyemi, F.O., **Olowookere, C.J**. (2016) Patient Parameter and Radiation Dose Estimation of Patients Undergoing Lumbar Spine Radiography in selected Radio- diagnostic Centres in Lagos State, Nigeria. Journal of Nigerian Association of Mathematical Physics. 34 (March): 367-376.

xxv **Olowookere C.J**., Jibiri N.N., Aladeniyi K. and Dare T.O (2017)Patient size-specific models for tube load selection during diagnostic examination of `patient trunk..*Journal of Nigerian Association of Mathematical Physics.* 40 (March): 383-390.

xxvi Erinoso, W.A., Obed, R.I. and **Olowookere, C.J**.(2017). Film Reject Analysis and Radiation Doses received by Patients in Selected Hospitals in Southwestern Nigerian. .Iran J Med Physics: 14(4), December, 10.22038/ijmp.19521.1179.

xxvii **Olowookere Christopher J**, Jibiri Norbert N, Adeyemi Fredrick O,Balogun Babajide O

and WaidaJasini (2018).Radiation Doses of Chest, Skull, Hand and the of Effects of Chest Radiographic Examinations on Paediatric Patients in Nigeria. LASU-JMS Volume 2, Issue 2.

xxviii **Olowookere C. J**., Aladeniyi, K., Jibiri, N.N. and Adeyemi, F.O. (2018). Assessment of Level of Compliance of Quality Control Program of Some X-ray Units in Southwestern Nigerian with the standard Tolerance Limit. *Journal of Nigerian Association of Mathematical Physics.* 46(May, 2018 Issue): 273-280.

xxix Aladeniyi, K.**, Olowookere, C.J.** and Oladele, B.B**. (2019)** Measurement of Natural

Radioactivity and Radiological Hazard Evaluation in Soil Samples Collected from Owo,

Ondo State, Nigeria. (Journal of Radiation Research and Applied Science- ***The Egyptian Society of Radiation Science and Applications***) Taylor and Frances

**Chapters in Books**

xxx Akande, S.F.A., **Olowookere, C.J** and Amalu, P.C. (2009). The Ancient Greek,Science and Religion in Dada, S.S. and Akinnawo, OO (eds). Ajayi Crowther University, Oyo: !20-138.**ISBN:978-8090-50-8.**

xxxi Isibor, R.and **Olowookere, C.J**..(2009). Energy Resources in Dada, S.S. and Akinnawo, O.O. (eds). AjayiCrowther University, Oyo: 120-138.**ISBN:978-8090-50-8.**

xxxii Roland. A. Isibor and **Christopher J. Olowookere**(2017). Energy, Man and Environment. In Ucha I. Mbofung, O.O. Akinnawo, A.O. Binuyo (Ed). Introduction to Science and Technology, Ajayi Crowther University (Centre for General Studies).

86- 119 .**ISBN 978-978-55317-3-2.**

xxxiii **Christopher. J. Olowookere**(2017).Global Warming Phenomenon and its Effects, in Ucha I. Mbofung, O.O. Akinnawo, A.O. Binuyo (Ed).Introduction to Science and Technology, AjayiCrowther University (Centre for General Studies). 255-270. **ISBN: 978-978-55317-3-2.**

xxxiv **Olowookere, C.J.**, Amalu, P.C., Oluwadare, E.J., Oluwadamilare, O.B., Olasupo, R.I., Olatunji, A., Adebayo, O.B. (2017). Experimental Physics I Practical Manual (**PHY 1107)**.Department of Physics, AjayiCrowther University, Oyo. **ISBN:978-978-964-326- 3.**

xxxv **Olowookere, C.J.**, Amalu, P.C., Oluwadare, E.J., Oluwadamilare, O.B., Olasupo, R.I., Olatunji, A., Adebayo, O.B. (2017). Experimental Physics I Practical Manual (**PHY 1208)**.Department of Physics, Ajayi Crowther University, Oyo. **ISBN:978-978-964-326- 3.**

**Paper in Press**

(i) (ii)**Olowookere, C.J**., Amalu, P.C., Adeyemi, F.O., Balogun, F.A.Radiofrequency Exposure Levels in a University Campus in Southwestern Nigeria**(LASU Journal of Medical Sciences )**

**Ongoing Researches**

(i) Obed R.I., Odesanmi, A.O.,Lateef, H. and **Olowookere, C.J.**Indoor Radon Concentration Monitoring In Some dwellings in three Local Council Areas within Ibadan Metropolis (Nigeria) Using CR-39 Detectors. **(Under Review)**

(ii) Osahon, D.O, **Olowookere, C. J. and** Bamidele, L.Quality control test of x-ray Machines in four University Teaching Hospitals in Nigeria.**(Under Review)**

(iii) Aladeniyi, K and **Olowookere, C.J.** Assessment of Activity Concentration of Drinking Water Sold in Selected Towns of Ondo State and the Radiological Impacts.

(iv) Jibiri, N.N., Oshin, J.B., **Olowookere, C.J.** Assessment of Vibration Level of Different Power Bikes used for Commercial Purpose in Nigeria: Health Implication for Riders.

**(xv) Learned Conferences attended:**

(i) Population and Family Life Education POP/FLE workshop organized by the United

Nations Population Fund (UNFPA), 24th September – 5th October, 2001.

(ii) Nigerian Institute of Physics (NIP), 28th Annual Conference, 17th 20th August,

2005} held atObafemiAwolowo University, Ile Ife, Nigeria.

**Paper Read**

Presented a paper titled Effect of Annealing and Radiation Exposures on Lif (TLD- 100) Phosphor.

(iii) 5th Biennial Pan-African Congress of Radiology and Imaging (PACORI), 12th-14th

August, 2009 held at the International Conference Centre, Abuja : Challenges of

Radiological Practice in Africa.

**Papers Read**

(i) Measurement of Doses Energy imparted topatient in Diagnostic Radiology using Technique factors and patient characteristics.

(iv) Nigerian Institute of Physics (NIP) 32nd Annual Conference, 21-24 April, 2010 held in University of Maiduguri, Nigeria.

**Papers Read**

(a) Diagnostic Reference Levels (DRLs) for standard X-ray Examination and Its Application in Dose Optimization Process in Nigeria.

(b) Quality Control of Equipment used in plain and CT Radiography in Nigeria: Health Implication for patients and Personnel.

(c) Development and Construction of Air –Conditioner Power Surge Controller system.

(v) International Conference on Sciences and Sustainable Development in Nigeria held at Faculty of Science University of Ibadan, from 13th to 17th May, 2013.

**Papers Read are**

(a) Population Exposure to ionizing Radiation in a large Nigerian Hospital between 1998 and 2007: necessity for Radiation Dose data on extremity Examinations.

(b) A preliminary analysis of RadiationDosimetric Activities in Nigeria between 1998 and 2010: Necessity of National Patient Radiation Dose database (NPRDD) in Nigeria.

(vi) 5th Oyo State ICTs and Renewable Energy in National Development Summit and Exhibition. Theme:Ge Green; Go Solar, Get Power (Save Money , Save Earth. Opportunities and Challenges).Held at University of Ibadan on 30th September, 2015.

(vii) The Institute of Entrepreneur, Nigeria: Train the Trainer and Awareness Seminar held at Senate Chamber, Ajayi Crowther University Oyo between 28thjune, 2016 and 29th June, 2016.

(viii) The Institute of Entrepreneur, Nigeria: Quarterly Membership Capacity Building Course held at Ogba Lagos on August, 17th 2016.

(ix) 1st AnnualFaculty of Natural Sciences Conferenceon“Scientific Research for Sustainable Development and Innovation”held on Monday, 8th–Wednesday, 10th May, 2017 in The Multipurpose Hall, Modupe & Folorunso Alakija Law Building ,Ajayi

Crowther University, OyoTown, Nigeria.

**Paper Read**

**(a)**  Quality Control Test and Assessment of Some X-ray Facilities in Southwestern Nigeria.