

CURRICULUM VITAE

Name Dr. Samuel Yaw Opoku

Nationality Ghanaian

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Schools attended City University (PhD, MPhil)
London
October 2003- 2007

Howard University (B Sc Hons)
Washington DC, USA
September 1997 – May 2001

Work Experience Director (February 2022 – Present)
SYO Advanced Medical Diagnostic Centre
Sunyani. Bono Region. Ghana

Registrar (June 2017-Present)
Allied Health Professions Council
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Senior Lecturer (April 2008- June 2018)
Department of Radiography
School of Biomedical and Allied
Health Sciences
College of Health Sciences
University of Ghana, Korle Bu. Accra

Head of Radiotherapy Unit (Jan 2002- 2008)
National Center for Radiotherapy & Nuclear
Medicine
Korle Bu Teaching Hospital
Accra. Ghana

Accomplishments:

- Member, Ministry of Health Advisory Board, August 2018 – Present
- Member, Board of Directors, University of Ghana Medical Centre (UGMC), Legon – July 2018 – present
- Member, College Advisory Board, College of Health Sciences, KNUST, Kumasi
- Vice-Chairman, Technical Committee. Health Facilities Regulatory Agency (HeFRA)
- Chairman, Healthcare Sector Skills Board, Commission for Technical and Vocational Education and Training 2021- present
- Council Member, Baldwin University College Council – 2021- present
- External Examiner for Postgraduate Studies. Cape Peninsula University of Technology, Grootte Schuur, Western Cape, South Africa, January 2017 – present
- Independent Assessor, Ghana Tertiary Education Commission, Accra – 2013 – present
- Member of West African Health Organization (WAHO) Expert Working Group on Curriculum Development and Harmonization for Health Professionals, 2012- present.
- International Atomic Energy Agency Expert Person for Radiotherapy in Africa, 2009 - present
- Head of Radiography Department, University of Ghana August 2013- July 2017.
- President, Pan African Congress of Radiology and Imaging, February 2017 – 2019
- Head of Therapy Unit, National Center for Radiotherapy and Nuclear Medicine, Korle Bu, Accra, 2007 to 2017
- Member, Academic Board, University of Ghana, 2013 -2017
- Member, Academic Board, College of Health Sciences, University of Ghana, 2013 - 2017
- Board Member, School of Biomedical and Allied Health Sciences, University of Ghana, 2013 - 2017
- Admission and Examination Committee, School of Biomedical and Allied Health Sciences, University of Ghana, 2013 -2017
- Member, Ethical and Protocol Review Committee, School of Allied Health Sciences, University of Ghana, 2009 - 2014
- Member, Education and Examination Committee, School Biomedical and of Allied Health Sciences, University of Ghana, 2014- 2017
- Member for 2 Consecutive Terms, Inter-Faculty Appointment Committee, College of Health Sciences, University of Ghana- August 2009 – August 2014
- Member for 2 Consecutive Terms, Quality Assurance Committee, School of Biomedical and Allied Health Sciences, University of Ghana, 2009 - 2013
- Chairman, School of Biomedical and Allied Health Sciences Staff Welfare Association, 2009 – 2003
- National President, Ghana Society of Radiographers for 2 Consecutive Terms 2012 -2014
- Council Member, International Society of Radiographers and Radiological Technologists, 2012 -2014
- Member- Virtual University for Cancer Control in Africa (PACT-IAEA-Vienna), 2013- 2017

Publications

1. *Opoku, S. Y., Kyei, K. A., Yarney, J., Lawson, P. Tagoe, S. & Addison, E. K. T. (2015). In-vivo dosimetry using thermo-luminescent dosimeters in a cobalt-60 beam. International Journal of healthcare Sciences, 4(2):227-337, OSY conceived and designed study. Carried out the experiment and analyzed the data as well as interpreting the results. Drafted the final Manuscript.*
2. Alice C. Mensah, Joel Yarney, Sagary Kaku Nokoe, **Samuel Opoku**, Joe Nat Clegg-Lampsey, (2016). Survival outcomes of breast cancer in Ghana: an analysis of clinicopathological features. Open Access Library Journal **3(10)**:1-11
SYO participated in defining the concept and research design; literature search; data acquisition and analysis; manuscript preparation, review, editing and submission
3. Adesi Kyei Kofi, Reuben Vormawor, **Samuel Opoku** and Verna Vanderpuye, (2015). Knowledge, attitudes and perceptions of head and neck radiotherapy in Ghana. *World Journal of Epidemiology and Cancer Prevention (4)*:1-9
SO designed the Study, analyzed data and also edited final manuscript.
4. Antwi W. K., Kyei K. A., **Opoku S. Y.** (2015). Potential role of randomized control trial in the implementation of evidenced-based practice from the perspective of diagnostic imaging. *Clinical Medicine Research, 4 (3-1)*:5-9.
OSY conceived the study and participated in design. Also performed data analyses and edited the final Manuscript.
5. William Kwadwo Antwi, Kofi Adesi Kyei, James Newlife Gawugah, **Samuel Yaw Opoku**, Esther Ihuoma Ogbuokiri, (2015). Anxiety level among patients undergoing ultrasound examination in Ghana. *International J of Medical Imaging 3(1)*: 6-10. *SYO conceived the study and participated in the study design. Edited the final Manuscript.*
6. William Kwadwo Antwi, Kofi Adesi Kyei, James Gawugah, **Samuel Yaw Opoku**, Lawrence Arthur, Gladys Baah, (2015). Infection control by radiographers during radiological examinations in Ghana. *World Journal Medical Research 4*:8-13
SYO conceived the study and participated in the study design.
7. Kofi Adesi Kyei, William Kwadwo Antwi, **Samuel Yaw Opoku**, Lawrence Arthur & David Atawone, (2015). The Prevalence of low back pain on patients' radiological reports. *European Journal of Research and Reflection in Medical Sciences 3(2)*: 17-25. *SYO conceived the study and participated in the study design, performed data analyses. Edited the final Manuscript.*
8. Benard Ohene Botwe, William K. Antwi, Kofi Kyei Adesi, Samuel Anim-Sampong, Alberta M. E. Dennis, Benjamin Dabo Sarkodie and **Samuel Yaw Opoku** (2015). Personal radiation monitoring of occupationally exposed radiographers in the biggest tertiary referral hospital in Ghana. *Safety in Health 11(1)*:1-7
SYO participated in the study design, analyzed the data and interpreted the results. Also edited the final Manuscript.
9. Antwi W. K., Gawugah J. N. K., Kyei K. A., **Opoku S. Y.**, Arthur L., Anim Sampong S., Ofori E., Batsa S. (2015). Variation of radiographic protocols: an examination of practice during

radiography of axial and appendicular skeleton in the Accra Metropolis-Ghana. *Clinical Medicine Research*, Special Issue, 4 (3-1):1-4.

OSY participated in the study design and carried out the experiment. Drafted the Manuscript.

10. Kyei K. A., Antwi W. K., **Opoku S. Y.**, Yarney J., Amoah E (2015). The Role of the Radiographer on the Use of informed consent. *Clinical Medicine Research*, 4 (3-1):10-13. ***OSY participated in the study design and edited the final Manuscript.***

11. Kyei, K. A., **Opoku, S. Y.**, Antwi, W.K. Williams-Addah, B & Asare-Sawiri, M. (2015). Patients knowledge and perception of x-rays in Ghana. *Imaging and Therapy Practice*, 27-30, March edition, UK

OSY participated in the study design, performed data analyses and interpreted the results. Edited the final Manuscript.

12. Samuel Anim-Sampong, **Samuel Yaw Opoku**, Patience Addo, Benard Ohene Botwe (2015). Nurses knowledge of ionizing radiation and radiation protection during mobile radiodiagnostic examinations. *International Research Journals* 6(3): 39-49

SYO participated in the study design and edited the final Manuscript.

13. Kofi Adesi Kyei, **Samuel Yaw Opoku**, Verna Vanderpuye, William K. Antwi and Promise Ahiagbenyo, (2014). Predominant lifestyle risk factors associated with breast Cancer: A 5-year review of breast cancer patients from Accra, Ghana. *World Journal of Epidemiology and Cancer Prevention*, 5(3):

SYO participated in the study design and carried out the experiment. Drafted the Manuscript.

14. Alice Constance Mensah, Joel Yarney, Kaku Sagary Nokoe, **Samuel Opoku** (2014). Risk factors for breast cancer in a pure African society, impact of age, reproductive history, family history and breast feeding. *Cancer Research Journal*, 2(5): 82-87

SO participated in the study design, participated in data collection and analyses Also participated in drafted the Manuscript.

15. KA Kyei, WK Antwi, **SY Opoku**, S Hemans, S Anim-Sampong, P Engel-Hills, (2014). Radiographers' knowledge, attitude, and challenges on pain management. *The Radiographer* 52(1): 22-25

SYO conceived and participated in the study design. Edited the final Manuscript.

16. Kofi Adesi Kyei, Siaw Doris Oppong, **Samuel Yaw Opoku**, William K. Antwi and Samuel Tagoe (2014). Assessment on the quality of life of breast cancer patients undergoing radiation treatment in Ghana; *World J of Psycho-Social Oncology* 3:2-9.

SYO conceived and designed the Study. Performed data analyses and interpreted the results. Drafted the Manuscript.

17. Yarney J, Donkor A, **Opoku SY**, Yarney L, Agyeman-Duah I, Abakah AC, and Asampong E, (2013). Characteristics of users and implications for the use of complementary and alternative medicine in Ghanaian cancer patients undergoing radiotherapy and chemotherapy: a cross-sectional study. *BMC Complementary and Alternative Medicine*, 13:13-16. ***OSY participated in the study design and data collection. Also participated in drafting the Manuscript***

18. **S.Y. Opoku**, V. Vanderpuye, J. Yarney, S.N. Tagoe, W.K. Antwi, (2013). Comparative study of stimulated and gantry angle methods in tangential breast irradiation. *Journal of Medical & Biomedical Sciences* 2(2): 23-29
SYO conceived and participated in the study design; carried out the experiment. Interpreted the results and drafted the Manuscript.
19. M. Asare-Sawiri, K.A. Kyei, **S.Y. Opoku**, (2013). Adenocarcinoma of the anterior one-third of the minor salivary gland of the tongue. *Journal of Imaging & Therapy Practice* September 2013 Edition. *SYO edited the final Manuscript.*
20. L. Arthur, S. Anim-Sarpong, W.K. Antwi, J.N.K. Gawuga, **S.Y. Opoku**, E.K. Ofori, D. Sule, V.K. Hewlett, E.A. Mensah, (2013). Effects of verbal communication on experiences of discomfort in women undergoing mammography examination. *Journal of Sciences and Multidisciplinary Research* 5(1):42-53
SYO participated in the study design; analyzed and interpreted the results. Edited the final Manuscript.
21. **Opoku SY**, Asare-Sawiri M, Nani EK, Yarney J, (2012). Re-evaluation of the radiation safety at the Radiotherapy Center of the Korle Bu Accra, Ghana. *South African Radiography Journal* 50(1):11-16. *OSY conceived and designed the study design; carried out the experiment. Drafted the Manuscript.*
22. **Opoku SY**, Benwell M, Yarney, J, (2012), Knowledge, attitude, behaviour and breast cancer screening practices in Ghana. *Pan African Medical Journal* 11:28-41
OSY conceived and designed the study design; collected and analyzed data. Drafted the Manuscript
23. **Opoku SY**, Hanson J, Yarney J, Tagoe SNA (2012). Variations in couch top transmission factors with treatment depths in isocentric irradiation technique at the National Radiotherapy Center, Korle-Bu Teaching Hospital, Accra. Ghana. *Science Journal of Medicine and Clinical Trials* (2) 5: 2276-2287
OSY conceived and designed the study design; carried out the experiment. Drafted the Manuscript.
24. **Opoku SY**, Benwell M, Yarney, J, (2010), Model breast cancer care in developing countries *European Journal of Cancer*, **8(2)**:16-20.
OSY conceived and designed the study design; drafted the Manuscript.

Books Chapters

Opoku S, Antwi W and Sarblah SR., (2012). Assessment of safety standards of magnetic resonance imaging at the Korle Bu Teaching Hospital in Accra, Ghana: in radioanalytical and imaging techniques in interdisciplinary research - fundamentals and cutting-edge applications (ISBN 980-953-307-583-4) InTech - Open Science Publishing Croatia, (48 pages)

BOOKS

1. William Kwadwo Antwi, Kofi Adesi Kyei, **Samuel Yaw Opoku**, (2015). Reflective practice among allied health students in Ghana (2015). LAP LAMBERT Academic Publishing is a

trademark of OmniScriptum GmbH & Co. KG Heinrich-Böcking-Str. 6-8 66121, Saarbrücken, Germany ISBN 978-3-659-67910-0)

2. Kofi Adesi Kyei, **Samuel Yaw Opoku**, William K. Antwi, Penelope Engel-Hills, (2015). The radiation therapist in pain assessment. Create Space Independent Publishing Platform; **ISBN-10:** 150600573X **ISBN-13:** 978-1506005737; (220 Pages)
3. **Opoku, S**, Benwell M, Yarney, J, (2012). Breast cancer in Ghana. LAP Lambert Academic Publishing GmhH & Co. KG Saarbrücken, Germany. ISBN 978-3-8473-4112-3. (250

Awards

- Howard University Division of Allied Health National Honour Society Award -1999
- Howard University Department of Radiation Academic Achievement Award-2001
- National Society of Collegiate Scholar (USA) Award-2001
- University of Ghana Students Radiographers Outstanding Lecturer Award-2009

Travel Awards

1. University of Ghana ORID Conference Grant to attend Pan African Congress of Radiology and Imaging” held at Nairobi, Kenya from 17th – 20th February 2015.
2. University of Ghana ORID Conference Grant to attend European Breast Cancer Conference” in Glasgow, Scotland from 19th –21st March 2014.
3. European Cancer Organization Fellowship Grant for Developing countries to attend the 9th European Breast Cancer Conference in Glasgow 19-21 March 2014.
4. International Atomic Energy Agency Fellowship Grant to Joint RAF6/045 (RO, MP and RTT) Regional (AFRA) Training Course on Transitioning from 2D to 3D CRT. Cape Town, South Africa, from 21-25 October 2013
5. International Society of Radiographers and Radiologic Technicians Travel Fellowship Grant to attend the 7th ISRRT Conference in Toronto Canada from June 7-10, 2012.
6. World Cancer Congress World Cancer Congress, taking place in Montréal, Canada, from 27 – 30 August 2012.
7. International Atomic Energy Agency Fellowship IAEA Fellowship Grant to attend the International Conference on Modern Radiotherapy in Versailles, France 2- 4 December 2009
8. Oliver Kinross Ltd Travel Scholarship Award to the African Health Care Summit, - February 20- 21 2014 in London
9. International Atomic Energy Agency Fellowship to participate in the Virtual University for Cancer Control in Africa- Annual Stakeholders’ Project Coordination Meeting- July 9-11, 2012 in Lusaka, Zambia

10. Union for International Cancer Control (UICC) Fellowship to attend Biennial World Congress, June 7-10, 2012, Toronto, Canada
11. Fourth International Breast Cancer Conference Travel Fellowship in Hamilton, Canada in June 6-10, 2011
12. International Conference Clinical Cancer Prevention Fellowship to attend 6th International Conference St. Gallen, Switzerland: March 18-20, 2010.
13. International Atomic Energy Agency to attend the International Conference: Modern Radiotherapy, Challenges and Advances in Radiation protection of Patients, Paris, France, December 2-4, 2009.
14. African Organization for Research and Training in Cancer (AORTIC) Bursary Award to attend Conference, Dar Es Salaam, Tanzania November 11-14, 2009.

Hobbies and Special Activities

- Community Services
- Research

Referees

Dr. Joel Yarney
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