

**PROFESSOR RICHARD ODAME PHILLIPS**

 **Curriculum Vitae**

PERSONAL INFORMATION

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DATE OF BIRTH: 17th March 1966

MARITAL STATUS: Married with two children

NATIONALITY: Ghanaian

ADDRESS: Department of Medicine,

School of Medicine and Dentistry (SMD),

Kwame Nkrumah University of Science and

Technology (KNUST),

Kumasi, Ghana

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 Kumasi, Ghana

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**1a ACADEMIC QUALIFICATIONS (EDUCATION):**

1. Fellow of Ghana College of Physicians (FGCP), Ghana Postgraduate Medical College, December 2013
2. Fellow of West African College of Physicians (FWACP), West African Postgraduate Medical College, October 2008
3. Member of West African College of Physicians (MWACP) West African Postgraduate Medical College, October 2006
4. Doctor of Philosophy (PhD), University of London, St George’s University of London, March 2002 to August 2005
5. Bachelor of Medicine & Surgery (MB ChB), Kwame Nkrumah University of Science and Technology, Nov 1993
6. Bachelor of Science (BSc Human Biology) Kwame Nkrumah University of Science and Technology, 1990
7. General Certificate of Education (West Africa): Advanced Level, Achimota School, Accra, Ghana, 1986.
8. General Certificate of Education (West Africa): Ordinary Level, Achimota School, Ghana. 1984

**UNIVERSITY APPOINTMENTS AND POSITIONS HELD**

1. Scientific Director, Kumasi Centre for Collaborative Research (KCCR), KNUST, Kumasi November 2017 to date
2. Professor, Department of Medicine, School of Medicine & Dentistry, Kwame Nkrumah University of Science and Technology, August 2020 to date
3. Associate Professor, Department of Medicine, School of Medical Sciences, Kwame Nkrumah University of Science and Technology, August 2016 to 2019
4. Invited Lecturer on Diploma in Tropical Medicine and Hygiene Course (DTM&H), London School of Hygiene & Tropical Medicine, London UK 2015-2020
5. Faculty member, Faculty of Health Sciences, University of Catolonia, Spain, August 2017, 2018
6. Supervisor, Diploma in Project Design and Management, Ghana College of Physicians and Surgeons, Ghana 2019 to date
7. Moderator of Programme, BSc Physician Assistantship & BSc Nursing Princefield University College, an Affiliate of KNUST, Ho, 2018-2020
8. Moderator of Programme, BSc Physician Assistantship, Radford University College, an Affiliate of KNUST 2018-date
9. Academic Coordinator, Department of Medicine, School of Medical Sciences, Kwame Nkrumah University of Science and Technology October 2014 to 2018
10. Research Group Leader for Skin NTDs, TB, Hepatitis, & -HIV research, at Department of Medicine, SMD & KCCR, KNUST, 2005 to date
11. Admissions Committee Member: School of Medical Sciences 2011 to date
12. Fellow of the Clinical Students Hostel, School of Medical Sciences, Kwame Nkrumah University of Science and Technology, Kumasi 2013 to date
13. Education Committee Member: School of Medical Sciences, Kwame Nkrumah University of Science and Technology, Kumasi. September 2011- August 2013, October 2016 to 2017
14. School Board Member: School of Medicine and Dentistry, Kwame Nkrumah University of Science and Technology, Kumasi. September 2011- August 2013, October 2016 to date
15. College Board Member, College of Health Sciences, Kwame Nkrumah University of Science and Technology, Kumasi, November 2017- to date
16. College Management Committee Member, College of Health Science, Kwame Nkrumah University of Science and Technology, Kumasi. November 2018- to date
17. Senior lecturer, Department of Medicine, School of Medical Sciences, Kwame Nkrumah University of Science and Technology October 2010 - 2015
18. Research Fellow, Institute of Infection and Immunity, St George’s University of London, London UK, September 2013-August 2014.
19. Research Fellow: Department of Medicine, School of Medical Sciences, Kwame Nkrumah University of Science and Technology, April 2007- September 2010
20. Examinations Officer: Department of Medicine, Kwame Nkrumah University of Science and Technology, Kumasi, July 2007- September 2011
21. Coordinator of Clinical Programme: School of Medical Sciences, Kwame Nkrumah University of Science and Technology, Kumasi, September 2011- August 2013
22. Clinical Examinations Officer: School of Medical Sciences, Kwame Nkrumah University of Science and Technology, Kumasi. September 2011- August 2013
23. Education Committee Member: School of Medical Sciences, Kwame Nkrumah University of Science and Technology, Kumasi. September 2011- August 2013:
24. School Board Member: School of Medical Sciences, Kwame Nkrumah University of Science and Technology, Kumasi. September 2011- August 2013

**2b SUPERVISION OF STUDENT PROJECTS**

**SUPERVISION OF DIPLOMA IN PROJECT DESIGN**

Supervisor for the Diploma in Project Design and Management (DPDM) Course. Distance Learning Programme. A Collaboration between Liverpool School of Tropical Medicine (LSTM), School of Medical Sciences (SMS) and Komfo Anokye Teaching Hospital (KATH)

* (2011/2012) Dr Yasmine Hardy
* (2011/2012) Mr Isaac Nuako
* (2019) Dr Charlotte Osei

**SUPERVISION OF MASTER OF PHILOSOPHY**

**MASTER OF PHILOSOPHY (GRADUATED)**

1. Co-Supervisor of MPhil Kwabena Adjei Asante University of Liverpool UK
2. Co-Supervision of MPhil thesis of Mabel Sarpong-Duah Department of Molecular Medicine SMS KNUST
3. Co-Supervision of MPhil thesis of Aloysius Dzibordzi Loglo Department of Molecular Medicine SMS KNUST
4. Co-Supervision of MPhil thesis for Miss Bernadette Agbavor Department of Molecular Medicine
5. Co-Supervision of MPhil thesis for Miss Francisca Sarpong Department of Biochemistry SMS KNUST
6. Co-Supervision of MPhil thesis for Miss Abigail Agbanyo, Department of Microbiology

**MASTER OF PHILOSOPHY (IN TRAINING)**

1. Co-Supervision of MPhil thesis for Mr Minadzi Difery, Department of Molecular Medicine
2. Co-Supervision of MPhil thesis for Mr Wilfred Aniagyei, Department of Molecular Medicine
3. Co-Supervision of MPhil thesis for Ms Venus Nana Boakyewaa Frimpong Department of Molecular Medicine
4. Co-Supervision of MPhil thesis for Ms Rejoice Arthur Department of Biological Sciences

**SUPERVISION OF DOCTOR OF PHILOSOPHY**

**DOCTOR OF PHILOSOPHY (GRADUATED)**

1. Co-Supervision of PhD thesis of Mr Michael Frimpong, in the Department of Molecular Medicine, SMS, KNUST. March 201 5

Programme: Immunology

Awarded: 2015

**Current status:** Post-Doctoral Scientist, KCCR KNUST, EDCTP Research Fellow

1. Co-Supervision of PhD thesis of Fred Stephen Sarfo, Department of Microbiology, KNUST

Programme: Clinical Microbiology

Awarded: 2014

**Current status:** Senior Lecturer , Department of Medicine, School of Medicine and Dentistry, KNUST

1. Co-Supervision of PhD thesis of Mr Daniel Antwi-Berko at Department of Molecular Medicine)

Programme: Immunology

Awarded: 2017

**Current status:** Lecturer, UNER , Sunyani

1. Co-Supervision of PhD thesis of Mrs Dorcas Adinku Owusu, Department of Molecular Medicine

Programme: Immunology

Awarded: 2019

**Current status:** Lecturer, Garden City University, Kumasi

Post doctoral Scientist KCCR, KNUST

**DOCTOR OF PHILOSOPHY (IN TRAINING)**

1. Co-Supervision of PhD thesis of Ms Bernadette Agbavor, in the Department of Theoretical and Applied Sciences, KNUST
2. Co-Supervision of PhD thesis of Ms Nancy Ackam, in the Department of Theoretical and Applied Sciences, KNUST
3. Co-Supervision of PhD thesis of Mr Jonathan Kofi Adjei, in the Department of Molecular Medicine, SMD, KNUST
4. Co-Supervision of PhD thesis of Mr Richmond Yeboah, in the Department of Theoretical and Applied Sciences, KNUST
5. Co-Supervision of PhD thesis of Mr Aloysius Loglo, in the Department of Biological Sciences, University of Surrey, UK
6. Co-Supervision of PhD thesis of Dr. Justice Boakye-Appiah, in the Department of infection and immunity, St George’s University of London, UK

**2c. OTHER PROFESSIONAL RELATED EXPERIENCE (ROLES)**

1. **CLINICAL ROLES**
2. Honorary Consultant in Infectious Diseases, Department of Medicine, Komfo Anokye Teaching Hospital, Kumas,i September 2016 to date
3. Clinical Team Leader, Department of Medicine, Komfo Anokye Teaching Hospital, Kumasi 2014 to 2017
4. Head, Infectious Disease Unit, Department of Medicine, Komfo Anokye Teaching Hospital, Kumasi 2014 to 2017
5. Head, Highly Infectious Disease Isolation Unit (HIIU), Komfo Anokye Teaching Hospital, Kumasi, December 2016 to 2017
6. Senior Specialist in Medicine, Komfo Anokye Teaching Hospital, Kumasi October 2008 to August 2016
7. Physician Specialist, Komfo Anokye Teaching Hospital, Kumasi October 2006-2008
8. Senior Medical Officer/Resident, Department of Medicine KATH March 1997-February 2002
9. Medical Officer, Department of Medicine, KATH, March, 1997–Feb 1998
10. House Officer in Obstetrics and Gynaecology, KATH Feb 1996-July 1996
11. House Officer in Child Health, KATH, August 1996 –Feb 1999
12. House Officer in Surgery, KATH. August 1995-Jan 1996
13. House Officer, Department of Medicine, KATH. Feb 1995-July 1995

**MEMBERSHIP OF PROFESSIONAL BODIES**

Member, Ghana Medical Association (GMA), 1995 to date

Member, American Society of Tropical Medicine and Hygiene, 2018 to date

**MEDICAL LICENSURE**

Republic of Ghana, Ghana Medical and Dental Council (MDC), #MDC/RN/03502

1. **EDITORIAL ROLE**
	1. Deputy Editor for PLOS Neglected Tropical Disease 2019 to date
	2. Associate Editor for PLOS Neglected Tropical Disease 2009 to date
	3. Ad Hoc Manuscript Reviewer for:
		1. PLOS Neglected Tropical Disease 2009 to date
		2. PLOS One 2009 to date
		3. American Journal of Tropical Medicine and Hygiene 2007 to date
		4. The Medical Journal of Australia 2007 to date
		5. EcoHealth Journal 2013 to date
		6. Tropical Doctor 2014 to date
		7. Ghana Medical Journal 2020 to date
2. **REVIEWER ROLE**

**GRANT REVIEWER ROLE**

1. The Wellcome Trust, London UK 2018
2. African Research Network for Neglected Tropical Diseases (ARNTD) small grants programme 2017 to date
3. KNUST Research Fund (KREF) – 2016, 2019
4. Africa Research Excellence Fund (AREF) Research Development Fellowship 2015 to date
5. The European & Developing Countries Clinical Trials Partnership (EDCTP) capacity development programme 2015

**AWARDS, HONOURS AND FELLOWSHIPS**

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| --- | --- |
|  | National Institute of Health Research (NIHR) UK Award: Improving experiences of severe stigmatizing skin diseases in Ghana and Ethiopia (2019) |
|  | German Research Foundation (DFG) Award: Mansonella perstans effects on BCG vaccine-induced protection against childhood tuberculosis (TB) as well as TB disease severity and recovery in Ghana and Cameroon” (2018) |
|  | ANESVAD Award: Laboratory support for the control and elimination of NTDs in Ghana (Buruli ulcer, leprosy, yaws)(2018) |
|  | EDCTP Senior Fellowship Award: To Evaluate nitric oxide generating dressing (EDX) to improve management of Buruli ulcer disease (2017).  |
|  | European & Developing Countries Clinical Trials Partnership Award: Pan-African Network for Rapid Research, Response, Relief and Preparedness for Infectious Diseases Epidemics (PANDORA-ID-NET)(2017) |
|  | EDIXOMED small grants award: Pilot study on a nitric oxide generating dressing (EDX) to improve management of Buruli ulcer disease (2017) |
|  | Excellence Award Winner, Department of Medicine, School of Medical Sciences, Kwame Nkrumah University of Science and Technology (KNUST), (September 2016) |
|  | KNUST Award of outstanding personality, Department of Medicine (2016) |
|  | African Research Leader Award Winner for Medical Research Council/Department for International Development United Kingdom (MRC-DfID) scheme: Pathogenesis and management of *M. ulcerans* disease, Buruli ulcer (2012-2017) |
|  | World Health Organisation-Special Programme for Research and training in Tropical Diseases (WHO-TDR) Impact Award: This award of for training of laboratory technicians from 6 African countries including Ghana on a standard protocol for a new diagnostic tool for Buruli ulcer disease and in its field evaluation (2015) |
|  | Leverhulme-Royal Society Africa Award: Research theme: HIV and Hepatitis B virus co-infection; Antiviral therapy and drug resistance; HIV genetic variability (2010-2013) |
|  | Framework of the European Foundations Initiative on Neglected Tropical Diseases promoted by Calouste Gulbenkian Foundation, Volkswagen Foundation, Merieux Foundation, Nuffield Foundation and Cariplo Foundation award (2008-2011) |
|  | Ghana-Tanzania-UK Royal society networking award 28-29th April 2008 |
|  | Wellcome Trust Value In People Award, Cellular and Molecular Medicine (Infectious Diseases) St George’s University of London, London, U.K, (March-October 2005) |
|  | Wellcome Trust Training Research Fellowship for Scientists from Developing Countries, UK, (2002-2005) |
|  | British Infection Society Award: Spring Meeting London, UK March (2003) |
|  | Best Doctor Award for exemplary performance of duty, Department of Medicine, Komfo Anokye Teaching Hospital, Kumasi (1995) |

**RESEARCH GRANTS**

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|  | Awarding body: AREF UK Role: Co PI Grant Code: C0857Dates: 2021- 2021 Title: AREF Excell-2 RESEARCHER AND LEADERSHIP DEVELOPMENT PROGRAMMEAmount: €19999.39 |
|  | Awarding body: Else Kroner Fresenius StiftungRole: Co PI Grant Code: 2019\_A150Dates: 2020- 2023 Title: Diabetes in Ghana and Germany-Immune pathology of early versus late disease onset and influencing genetic and environmental factorsAmount: €347235.00 |
|  | Awarding body: European and Developing Countries Clinical Trials Partnership (EDCTP)Role: Co PI Grant Code: CSA2019ERC- 2671Dates: 2020- 2023 Title: Building and Enhancing Regulatory Capacity in AfricaAmount: €281038.75 |
|  | Awarding body: National Institute of Health Research (NIHR) UK Role: Co PIDates: 2019- 2023 Title: Improving experiences of severe stigmatizing skin diseases in Ghana and EthiopiaAmount: £4,999,182 |
|  | Awarding body: European & Developing Countries Clinical Trials Partnership (EDCTP)Role: PIDates: 2017- 2022 Title: Evaluation of a nitric oxide generating dressing (EDX) to improve management of Buruli ulcer disease. Amount: €499,962.50 |
|  | Awarding body: ANESVADRole:Co- PIDates: 2018- 2020 Title: Laboratory support for the control and elimination of NTDs in Ghana(Buruli ulcer, leprosy, yaws)Amount: €132,812 |
|  | Awarding body: European & Developing Countries Clinical Trials Partnership Role: Co-InvestigatorDates: 2017- 2021Title: Pan-African Network for Rapid Research, Response, Relief and Preparedness for Infectious Diseases Epidemics (PANDORA-ID-NET)Amount: € 9,997,501.25 for 23 Partners (Value to KNUST/KCCR € 192,187) |
|  | Awarding body: Wellcome Trust Investigator Award to Rachel Simmonds, University of SurreyRole: Co-PIDates: 2017-2020Title: Investigating the role of coagulation in the pathogenesis of Buruli ulcer” Amount: £71,200 |
|  | Awarding body: German Research Foundation (DFG)Role: Co-PIDates: 2018-2021Title: Mansonella perstans effects on BCG vaccine-induced protection against childhood tuberculosis (TB) as well as TB disease severity and recovery in Ghana and Cameroon” Amount: €411,310 |
|  | Awarding body: German Research Foundation (DFG)Role: Co-PIDates: 2014-2017Title: Co-infection of M. tuberculosis or M ulcerans with Mansonella perstans in Ghana, Benin and Cameroun Duration” Amount: €776,790 |
|  | Awarding body: EDIXOMED small grants awardRole: PIDates: 2017Title: Pilot study on a nitric oxide generating dressing (EDX) to improve management of Buruli ulcer disease Amount: £7000 |
|  | Awarding body: WHO/ TDR, the Special Programme for Research andTraining in Tropical Diseases co sponsored by UNICEF, UNDP, the World Bank and WHO Impact AwardRole: PI Dates: 01/09/16-31/12/17Title: Training and field evaluation of new diagnostic tool for Buruli ulcer in GhanaAmount: $49,700 |
|  | Awarding Body: UK Medical Research Council (MRC) and the UK Department for International Development (DFID)Role: Principal Investigator Dates: 01/07/12-31/06/17Title: Pathogenesis and management of M. ulcerans disease, Buruli ulcer Amount: £499,015 |
|  | Awarding body: German Research Foundation (DFG)Role: Co-Principal InvestigatorDates: 2014-2017Title: Co-infection of M. tuberculosis or M ulcerans with Mansonella perstans in Ghana, Benin and CamerounAmount: €404,000 |
|  | Awarding body: American Leprosy Mission through World Health Organisation Role: Co-Principal InvestigatorDates: 2010-2017Title: “RCT comparing efficacy of 8 weeks treatment with clarithromycin and rifampicin versus streptomycin and rifampicin for buruli ulcer Ghana and Benin” Amount: $214000 |
|  | Awarding body: Faculty Resources Grant, Loyola University Medical Center Role: Co-Principal Investigator Dates: 2013-2017Title: Chronic HCV infection and recovery among a cohort of HCV positive in Kumasi, Obuasi municipality and Daboya communities.Amount: $60,000 |
|  | Awarding body: Leverhulme-Royal Society Africa award Role: Co-Principal Investigator01/03/10-28/02/14Title: HIV and Hepatitis B virus co-infection; Antiviral therapy and drug resistance; HIV genetic variability.£149,000 |
|  | Awarding body: EU FP7 Cooperation Collaborative Project Award Role: Co-Principal InvestigatorDates: 01/03/10-28/02/13Title: Identification and development of vaccine candidates for Buruli Ulcer DiseaseAmount: €5,000,000 (KNUST component €450K) |
|  | Awarding body: European Foundations Initiative on Neglected Tropical Diseases (EFINTD)Role: Principal InvestigatorDate: 01/07/08-30/06/11Title: Development of an oral regimen for treatment of (Mycobacterium ulcerans disease (Buruli ulcer).Amount: €90,000 |

**PEER REVIEWED PUBLICATIONS**

1. Adankwah, E., Nausch, N., Minadzi, D., Abass, M.K., Franken, K.L.M.C., Ottenhoff, T.H.M., Mayatepek, E., Phillips, R.O., Jacobsen, M.Interleukin-6 and Mycobacterium tuberculosis dormancy antigens improve diagnosis of tuberculosis(2021) Journal of Infection, 82 (2), pp. 245-252. DOI: 10.1016/j.jinf.2020.11.032
2. Sylverken, A.A., El-Duah, P., Owusu, M., Schneider, J., Yeboah, R., Ayisi-Boateng, N.K., Gorman, R., Adu, E., Kwarteng, A., Frimpong, M., Binger, T., Aryeetey, S., Asamoah, J.A., Amoako, Y.A., Amuasi, J.H., Beheim-Schwarzbach, J., Owusu-Dabo, E., Adu-Sarkodie, Y., Obiri-Danso, K., Corman, V.M., Drosten, C., Phillips, R. Transmission of SARS-CoV-2 in northern Ghana: insights from whole-genome sequencing(2021) Archives of Virology, . DOI: 10.1007/s00705-021-04986-3
3. Ayisi-Boateng, N.K., Owusu, M., Tawiah, P., Ampah, B.A., Sylverken, A.A., Wusu-Ansah, O.K., Sarfo, F.S., Phillips, R.O. Profile and outcomes of hospitalized patients with COVID-19 at a tertiary institution hospital in Ghana(2020) Ghana Medical Journal, 54 (4), pp. 39-45. DOI: 10.4314/GMJ.V54I4S.7
4. Frimpong, M., Amoako, Y.A., Anim, K.B., Ahor, H.S., Yeboah, R., Arthur, J., Dakorah, J.S., Gborgblovor, D., Akrofi, S., Sekyi-Djan, P., Owusu, M., Sylverken, A.A., Binger, T., Phillips, R.O.Diagnostics for COVID-19: A case for field-deployable, rapid molecular tests for community surveillance(2020) Ghana Medical Journal, 54 (4), pp. 71-76. DOI: 10.4314/GMJ.V54I4S.11
5. Amoako YA, Loglo AD, Frimpong M, Agbavor B, Abass MK, Amofa G, Ofori E,Ampadu E, Asiedu K, Stienstra Y, Wansbrough-Jones M, van der Werf T, PhillipsRO. Co-infection of HIV in patients with Buruli ulcer disease in Central Ghana.BMC Infect Dis. 2021 Apr 8;21(1):331. doi: 10.1186/s12879-021-06009-7. PMID:33832460.
6. Adankwah E, Arthur RA, Minadzi D, Owusu DO, Phillips RO, Jacobsen M. Immuneresponse against TB and non-tuberculous mycobacterial pulmonary disease. Int JTuberc Lung Dis. 2021 Mar 1;25(3):234-236. doi: 10.5588/ijtld.20.0678. PMID:33688814.
7. Simpson H, Tabah EN, Phillips RO, Frimpong M, Maman I, Ampadu E, Timothy J,Saunderson P, Pullan RL, Cano J. Mapping suitability for Buruli ulcer at finespatial scales across Africa: A modelling study. PLoS Negl Trop Dis. 2021 Mar3;15(3):e0009157. doi: 10.1371/journal.pntd.0009157. PMID: 33657104; PMCID:PMC7959670.
8. Frimpong M, Kyei-Tuffuor L, Fondjo LA, Ahor HS, Adjei-Kusi P, Maiga-AscofareO, Phillips RO. Evaluation of a real-time recombinase polymerase amplificationassay for rapid detection of Schistosoma haematobium infection in resource-limited setting. Acta Trop. 2021 Apr;216:105847. doi:10.1016/j.actatropica.2021.105847. Epub 2021 Jan 23. PMID: 33497617.
9. Amoako YA, Phillips RO, Arthur J, Abugri MA, Akowuah E, Amoako KO, Marfo BA,Frimpong M, van der Werf T, Ravensbergen SJ, Stienstra Y. A scabies outbreak inthe North East Region of Ghana: The necessity for prompt intervention. PLoS NeglTrop Dis. 2020 Dec 22;14(12):e0008902. doi: 10.1371/journal.pntd.0008902. PMID:33351803; PMCID: PMC7787682.
10. Owusu M, Sylverken AA, Ankrah ST, El-Duah P, Ayisi-Boateng NK, Yeboah R,Gorman R, Asamoah J, Binger T, Acheampong G, Bekoe FA, Ohene SA, Larsen-ReindorfR, Awuah AA, Amuasi J, Owusu-Dabo E, Adu-Sarkodie Y, Phillips RO.Epidemiological profile of SARS-CoV-2 among selected regions in Ghana: A cross-sectional retrospective study. PLoS One. 2020 Dec 10;15(12):e0243711. doi:10.1371/journal.pone.0243711. PMID: 33301533; PMCID: PMC7728229.
11. Adankwah E, Nausch N, Minadzi D, Abass MK, Franken KLMC, Ottenhoff THM,Mayatepek E, Phillips RO, Jacobsen M. Interleukin-6 and Mycobacteriumtuberculosis dormancy antigens improve diagnosis of tuberculosis. J Infect. 2021Feb;82(2):245-252. doi: 10.1016/j.jinf.2020.11.032. Epub 2020 Dec 2. PMID:33278400.
12. Mabey D, Agler E, Amuasi JH, Hernandez L, Hollingsworth TD, Hotez PJ, LammiePJ, Malecela MN, Matendechero SH, Ottesen E, Phillips RO, Reeder JC, SzwarcwaldCL, Shott JP, Solomon AW, Steer A, Swaminathan S. Towards a comprehensiveresearch and development plan to support the control, elimination anderadication of neglected tropical diseases. Trans R Soc Trop Med Hyg. 2021 Jan28;115(2):196-199. doi: 10.1093/trstmh/traa114. PMID: 33179054; PMCID:PMC7842110.
13. Collinson S, Frimpong VNB, Agbavor B, Montgomery B, Oppong M, Frimpong M,Amoako YA, Marks M, Phillips RO. Barriers to Buruli ulcer treatment completion in the Ashanti and Central Regions, Ghana. PLoS Negl Trop Dis. 2020 May26;14(5):e0008369. doi:10.1371/journal.pntd.0008369. PMID: 32453800; PMCID:PMC7274448.
14. Van Der Werf TS, Barogui YT, Converse PJ, Phillips RO, Stienstra Y. Pharmacologic management of Mycobacterium ulcerans infection. Expert Rev Clin Pharmacol. 2020 Apr;13(4):391-401. doi: 10.1080/17512433.2020.1752663. Epub2020 Apr 20. PMID: 32310683.
15. Di Cristanziano V, Weimer K, Böttcher S, Sarfo FS, Dompreh A, Cesar LG, Knops E, Heger E, Wirtz M, Kaiser R, Norman B, Phillips RO, Feldt T, Eberhardt KA.Molecular Characterization and Clinical Description of Non-Polio Enteroviruses Detected in Stool Samples from HIV-Positive and HIV-Negative Adults in Ghana.Viruses. 2020 Feb 16;12(2):221.
16. Neary M, Olagunju A, Sarfo F, Phillips R, Moss D, Owen A, Chadwick D. Do genetic variations in proximal tubule transporters influence tenofovir-induced renal dysfunction? An exploratory study in a Ghanaian population. Journal of Antimicrobial Chemotherapy. 2020 Feb 14.
17. Villa G, Abdullahi A, Owusu D, Smith C, Azumah M, Sayeed L, Austin H, Awuah D, Beloukas A, Chadwick D, Phillips R. Determining virological suppression and resuppression by point-of-care viral load testing in a HIV care setting in sub-Saharan Africa. EClinicalMedicine. 2020 Jan 1;18:100231
18. Phillips RO, Robert J, Abass KM, Thompson W, Sarfo FS, Wilson T, Sarpong G, Gateau T, Chauty A, Omollo R, Ochieng Otieno M, Egondi TW, Ampadu EO, Agossadou D, Marion E, Ganlonon L, Wansbrough-Jones M, Grosset J, Macdonald JM, Treadwell T, Saunderson P, Paintsil A, Lehman L, Frimpong M, Sarpong NF, Saizonou R, Tiendrebeogo A, Ohene SA, Stienstra Y, Asiedu KB, van der Werf TS; study team. Rifampicin and clarithromycin (extended release) versus rifampicin and streptomycin for limited Buruli ulcer lesions: a randomised, open-label, non-inferiority phase 3 trial. Lancet (London, England). 2020;395(10232):1259-1267
19. Owusu, D.O., Phillips, R., Owusu, M., Sarfo, F.S., Frempong, M. Increased levels of circulating IL-10 in persons recovered from hepatitis C virus (HCV) infection compared with persons with active HCV infection BMC Research Notes, 2020, 13(1), 472
20. Adankwah E, Güler A, Mayatepek E, Phillips RO, Nausch N, Jacobsen M. CD27 expression of T-cells discriminates IGRA-negative TB patients from healthy contacts in Ghana. Microbes Infect. 2020 Jan-Feb;22(1):65-68

 Di Cristanziano V, Weimer K, Böttcher S, Sarfo FS, Dompreh A, Cesar LG, Knops E, Heger

1. Heinemann M, Phillips RO, Vinnemeier CD, Rolling CC, Tannich E, Rolling T. High prevalence of asymptomatic malaria infections in adults, Ashanti Region, Ghana, 2018. Malar J. 2020 Oct 12;19(1):366
2. Frimpong M, Simpson SV, Ahor HS, Agbanyo A, Gyabaah S, Agbavor B, Amanor IB, Addo KK, Böhlken-Fascher S, Kissenkötter J, Wahed AAE, Phillips RO. Multiplex Recombinase Polymerase Amplification Assay for Simultaneous Detection of Treponema pallidum and Haemophilus ducreyi in Yaws-Like Lesions. Trop Med Infect Dis. 2020 Oct 6;5(4):E157
3. Villa G, Abdullahi A, Owusu D, Smith C, Azumah M, Sayeed L, Austin H, Awuah D, Beloukas A, Chadwick D, Phillips R. Determining virological suppression and resuppression by point-of-care viral load testing in a HIV care setting in sub-Saharan Africa. EClinicalMedicine. 2020 Jan 1;18:100231
4. El-Duah P, Dei D, Binger T, Sylverken A, Wollny R, Tasiame W, Samuel Oppong7, Yaw Adu-Sarkodie, Benjamin Emikpe, Raphael Folitse, Jan Felix Drexler, Richard Phillips, Christian Drosten, and Victor Max Corman. Detection and genomic characterization of hepatitis E virus genotype 3 from pigs in Ghana, Africa. One Health Outlook. 2020;2: 1–9. https://doi.org/10.1186/s42522-020-00018-3
5. Di Cristanziano V, Weimer K, Böttcher S, Sarfo FS, Dompreh A, Cesar LG, Knops E, Heger E, Wirtz M, Kaiser R, Norman B, Phillips RO, Feldt T, Eberhardt KA.Molecular Characterization and Clinical Description of Non-Polio Enteroviruses Detected in Stool Samples from HIV-Positive and HIV-Negative Adults in Ghana. Viruses. 2020 Feb 16;12(2). pii: E221. doi: 10.3390/v12020221. PubMed PMID:32079128.
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**Books/Book Chapters**

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2. Richard O.Phillips, Mark Wansbrough-Jones, Kingsley B. AsieduMycobacterium ulcerans Disease: Buruli Ulcer, International Encyclopedia of Public Health (Second Edition) 2017, Pages 193-200doi.org/10.1016/B978-0-12-803678-5.00513-0ISBN: 9780128037089
3. Wansbrough-Jones M, Phillips RO (2019) Buruli ulcerIn: Edward T Ryan, David R Hill, Tom Solomon, Timothy P Endy and Naomi Aronson (eds) Hunter's Tropical Medicine and Emerging Infectious Disease, 10th Edition United Kingdom: Elsevier Health Sciences. ISBN: 978-0-323-55512-8
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5. Mark Wansbrough-Jones, Richard O. Phillips Buruli ulcer 2012 Hunter’s Tropical Medicine and Emerging Infectious disease 9th Ed: Elsevier Saunders ISBN978-1-4160-4390-4525-527
6. Richard Phillips Contributor in:Treatment of Mycobacterium ulcerans disease (Buruli ulcer) Guidance for Health Workers 2014 WHO 2nd Ed: WHO http://www.who.int/buruli/information/publications/en/ (accessed 7th April 2017)

**Published Abstracts and Conferences Proceedings**

1. Villa G, Abdullahi A, Owusu D, Smith C, Azumah M, Sayeed L, Austin H, Awuah D, Beloukas A, Chadwick D, Phillips R. Drug resistance profile according to HIV-1 viral load after long-term exposure to antiretroviral treatment in the absence of routine virological monitoring: results from a programmatic cohort in sub-Saharan Africa. InHIV MEDICINE 2019 Nov 1 (Vol. 20, pp. 172-173). 111 RIVER ST, HOBOKEN 07030-5774, NJ USA: WILEY.
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3. G Villa, R Phillips, C Smith, D Owusu, A Abdullahi, H Austin, L Sayeed Geretti A. Liver steatosis in HIV-positive patients with and without HBV coinfection accessing care in a programmatic setting in Africa- JOURNAL OF HEPATOLOGY, 2019 70, E786-E786
4. Michael Frimpong, Hubert Ahor, Francisca Sarpong, Ken Laing, Mark Wansbrough-Jones, Richard Phillips Rapid detection of Mycobacterium ulcerans by recombinase polymerase amplification BMJ Global Health Volume 4, Issue Suppl 3 http://dx.doi.org/10.1136/bmjgh-2019-EDC.2
5. Akyar E, Mora N, Luke A, Layden J, Phillips R, Agyarko-Poku T, Owusu D, A-Siaw H, Nahass R. 2203. Risk Factors for Hepatitis C in Western Africa: An Observational Study in a STI Clinic. InOpen Forum Infectious Diseases 2018 Nov (Vol. 5, No. Suppl 1, p. S650). Oxford University Press.
6. Frimpong M, Ahor H, Naana-Sarpong F, Wansbrough-Jones M, Phillips R. Rapid detection of Mycobacterium ulcerans infection by recombinase polymerase amplification. InAmerican Journal of Tropical Medicine and Hygiene 2018 Jan 1 (Vol. 99, No. 4, pp. 155-156). 8000 WESTPARK DR, STE 130, MCLEAN, VA 22101 USA: AMER SOC TROP MED & HYGIENE.
7. Nausch N, Antwi-Berko D, Mubarik Y, Abass KM, Owusu W, Owusu-Dabo E, Debrah LB, Debrah AY, Jacobsen M, Phillips RO. Biomarkers and immune modulation in Buruli ulcer disease. InAmerican Journal of Tropical Medicine and Hygiene 2017 Jan 1 (Vol. 97, No. 5, pp. 235-236). 8000 WESTPARK DR, STE 130, MCLEAN, VA 22101 USA: AMER SOC TROP MED & HYGIENE.
8. Kliethermes S, Gantenberg J, Mora N, Phillips RO, Opare-Sem O, Owusu D, Layden JE. Age and Region specific Prevalence of Hepatitis C Virus in Ghana: A population-based Study. InHEPATOLOGY 2016 Oct 1 (Vol. 63, No. 1 SUPP, pp. 391A-392A). 111 RIVER ST, HOBOKEN 07030-5774, NJ USA: WILEY-BLACKWELL.
9. Alexander Stockdale, Richard O Phillips, Fred S Sarfo, Lambert T Appiah, Laura J Bonnett, David Chadwicks, Giovanni Villa, Sanjay Bhagani, Colette Smith, Anna Maria Geretti. Liver stiffness and virologic outcomes after introducing tenofovir as part of antiretroviral therapy in lamivudine-experienced adults with HIV and hepatitis B virus (HBV) co-infection in Ghana: four-year follow up of the prospective HEPIK cohortHEPATOLOGY, 2016, Volume 64, Pages 942A-942A
10. Geretti AM, Stockdale A, Appiah L, Beloukas A, Adinku D, Chadwick D, Bhagani S, Sarfo SF, Phillips RO. HIV and hepatitis B virus (HBV) outcomes after switching stavudine or zidovudine to tenofovir in subjects receiving first-line antiretroviral therapy (ART) in Ghana. InANTIVIRAL THERAPY 2014 Jan 1 (Vol. 19, pp. A37-A37). 2-4 IDOL LANE, LONDON EC3R 5DD, ENGLAND: INT MEDICAL PRESS LTD.
11. Feldt T, Sarfo F, Phillips R, Bedu-Addo G, Claussen L, Burchard GD, Chadwick D, Drexler J, Eis-Hübinger A. No evidence of persistent or chronic hepatitis E virus infection in HIV patients in Ghana: 1.2-045. Tropical Medicine & International Health. 2011 Oct 1;16.
12. Keegan R, Sarfo F, Longstaff L, Phillips R, Shakoor S, Appiah L, Chadwick D. Prevalence of chronic kidney disease in an HIV-infected cohort in central Ghana: P107. Hiv Medicine. 2011 Apr 1;12:50-1.
13. Phillips R, Horsfield C, Kuijper S, Lartey A, Tetteh I, Etuaful S, Nyamekye B, Awuah P, Nyarko KM, Osei-Sarpong F, Lucas S. Sensitivity of PCR for IS2404 insertion sequence of Mycobacterium ulcerans in diagnosis of Buruli ulcer from punch biopsies. InMEETING ON BURULI ULCER 2006 (p. 114).

**RECORD OF ROLES AT THE LOCAL, NATIONAL AND INTERNATIONAL COMMUNITY**

**Roles at the University level**

1. Moderator: Radford University College affiliate Institution of KNUST, Accra for BSc Physician Assistantship and BSc Nursing 1st August. 2016-date
2. Member: College of Health Sciences Management Committee, College of Health Sciences, KNUST, Kumasi. 2017 to date
3. Chairman: School of Medicine and Dentistry, Strategic Plan Development Committee 2019-date
4. Moderator: Princefield University College affiliate Institution of KNUST, Ho for BSc Physician Assistantship and BSc Nursing. 1st August 2018-31st July 2020
5. Member: KNUST Travel Policy Committee, 2019 to date

Member: Deans Admission interview panel for School of Medicine and Dentistry.2016/17, 2017/2018, 2018/2019 academic years, KNUST, Kumasi

1. School Board Member: School of Medical Sciences, Kwame Nkrumah University of Science and Technology, Kumasi. September 2011- August 2019
2. Organiser/Resource Person: Workshop on ‘Tools for effective research communication AREF-KNUST/KCCR’ 2ND – 3RD JULY 2019
3. Education Committee Member: School of Medical Sciences, Kwame Nkrumah University of Science and Technology, Kumasi. September 2011- 2017
4. Facilitator/Resource Person: Two-day workshop on a course in Good Clinical Practice/Good Laboratory Practice from 25 to 26th July at KCCR KNUST, 2017
5. Internal Examiner: Department of Molecular Medicine, KNUST School of Medical and Dentistry for Mrs Dorcas Adinku Owusu for PhD in Immunology on topic ‘Characterisation of the epidemiology and virology of hepatitis C among HIV-positive patients in Kumasi, Ghana’’ (awarded 2019)
6. Supervisor: Nurses and Midwifery Training Institutions Examinations. June 12-13, 2018
7. Chairman: Dean’s Journal Club Committee. 2018
8. Member: Vice Chancellor’s Committee to develop Guidelines and Template for carrying out tracer studies for the KNUST, 2017
9. Internal Examiner: Department of Molecular Medicine, KNUST School of Medical and Dentistry for Daniel Antwi-Berko for PhD in Immunology on topic ‘Analysis of the immune-modulatory effects of Mansonella perstans infection associated with concomitant Mycobacterium ulcerans disease and Tuberculosis infection in Ghana ’’ August 2016 (awarded 2017)
10. Hall Fellow: Clinical Students Hostel , KNUST. 2016 to date
11. Member: College Board, College of Health Sciences, KNUST Kumasi. 2016 to date
12. Internal Examiner: Department of Molecular Medicine, KNUST School of Medical and Dentistry for Aloysius Loglo for MPhil in Immunology on topic ‘Cytokine response of Infection with Mycobacterium ulcerans’ August 2016 (awarded November 2016)
13. Internal Examiner: Department of Molecular Medicine, KNUST School of Medical and Dentistry for Mabel Sarpong Duah for MPhil in Immunology on topic ‘Detection of viability markers of Mycobacterium ulcerans and their and their association with healing in Buruli ulcer’’ August 2016 (awarded November 2016)
14. Member: Committee to Review Health Condition of Dr Raphael Kofi Vowotor June 2016
15. Member: Dean’s Committee to investigate possible forgery letter from Medical students association for the solicitation of funds 3rd August 2015
16. Invited Speaker: Continuing Medical Education on Orelox for doctors at Komfo Anokye Teaching Hospital 2016
17. Internal Examiner: for PhD Thesis of Mr Michael Frimpong, in the Department of Molecular Medicine, SMS, KNUST., Department of Molecular Medicine, Kwame Nkrumah University of Science and Technology, Kumasi, Ghana, 2015
18. Examinations officer: Department of Medicine, Kwame Nkrumah University of Science and Technology, Kumasi July 2007- September 2011
19. Coordinator of Clinical Programme: School of Medical Sciences, Kwame Nkrumah University of Science and Technology, Kumasi September 2011- August 2013

Clinical Examinations Officer: School of Medical Sciences, Kwame Nkrumah University of Science and Technology, Kumasi February 2011- August 2013

1. Admissions committee member: School of Medical Sciences 2011-12, 2014
2. Student Mentorship Programme: 2012 and 2013 academic year.
3. Supervisor: Internship and Projects of Miss Bernadette Agbavor and Miss Afia Ampomah Awuah of the Department of Theoretical and Applied Biology
4. Member: Working Group on Research (Working Group 2) for the Platform on Health of Building Stronger Universities Initiative 17th January 2012
5. Facilitator: Workshop for Lecturers and Researchers on “ Attracting Research Funds through proposal writing, 7th October 2014
6. Member: Vice Chancellor’s Committee to investigate accident involving students of KNUST on March 22nd 2015 (report submitted)
7. Member: Vice Chancellor’s committee constituted on 11th March 2015 for the establishment of academic programmes in sports sciences (report submitted)
8. Member: Dean’s committee constituted to engage with counterparts from Anglogold Ashanti on Adoption of Anglogold Hospital by KNUST for Teaching and Specialist service (ongoing 2014 to 2017)

**Roles at the National level**

1. Vice Chairman, Ghana Intra Country Coodinating Committee(ICCC) on NTDs 2020 to date
2. Participant of Consultative Meeting on development of the National Roadmap for NTDS, Alisa Hotel 2021
3. Panel Discussion Member at the Senior Management Meeting of the Ghana Health Service, Golden Tulip 14-16 April2021
4. Member of the National COVID19 Laboratory Committee 2020-2021
5. Examiner: Membership/Fellowship examination for Ghana College of Physicians 2014-date
6. Moderator: Princefield University College affiliate Institution of KNUST, Ho for BSc Physician Assistantship and BSc Nursing. 1st August 2018-31st July 2020
7. Moderator: Radford University College affiliate Institution of KNUST, Accra for BSc Physician Assistantship and BSc Nursing 1st August. 2016-date
8. External Examiner: University of Development Studies, School of medicine and Health Sciences at the Final MBChB examination 5th-7th September 2016, 21st -23rd August 2017, August 2018, August 2019
9. Member: National Steering Committee, National Buruli ulcer control programme 2011 to date
10. Invited Speaker: “Laboratory diagnosis of Liver diseases” The Hepatitis Summit, Golden Tulip Hotel, Kumasi City, 12th January 2017
11. Invited Speaker: On the topic: “Viral Hepatitis among HIV patients in Kumasi” at the Scientific Meeting of the Ghana Association for Study of Liver and Digestive Disease, Kumasi Ghana, 7th-11th September 2015 and January 2017
12. External Examiner: University of Ghana Medical School Final MBChB examination 2014 to 2017
13. Invited speaker: Update on Respiratory Infections on Trends in managing Respiratory Tract Infections: Treatment options, Golden Bean Hotel, Kumasi, 12th October 2016
14. Trainer: Course on Good Clinical Practice (GCP) organized for the WHO led Yaws trial 24-25th February 2015
15. Member: National Advisory Committee on Buruli ulcer Ghana. 2007 to date
16. Member: Komfo Anokye Teaching Hospital Medical Board. 2009-date
17. Resource person for the National Buruli ulcer Control Programme. 2007 to date
18. External examiner: Department of Microbiology in supplementary examination, School of Medical Sciences. 2008
19. Member: Ghana Medical and Dental Council Accreditation team to Berekum Government Hospital 2011
20. Member: Ghana Medical and Dental Council Accreditation team to Kwame Nkrumah University Hospital 2011
21. Member: Ghana Medical and Dental Council Accreditation team to Agogo Presbyterian hospital, 2012
22. Reviewer: Reader 2014 University of Ghana Medical School, Accra
23. Facilitator: Medical education Partnership Initiative (MEPI) manuscript writing workshop 10-13 February 2015 Franbec Hotel, Ejisu Besease
24. Workshop on pain and its treatment in Buruli ulcer disease February 2015 Agogo Ghana
25. Member: All patient Safety Committee at Komfo Anokye Teaching Hospital, Kumasi 1st November 2012
26. Member, Advisory Board Atwima Kwanwoma District Assembly, Aburaso Electoral Area June 2011

**Roles to International Level**

1. Member: WHO NTD Regional Programme Review Group (RPRG)-In alignment with the WHO/NTD Strategic and Technical Advisory Group (STAG) recommendations, the NTD RPRG advises the WHO Regional Office for Africa and its Member States on overall adequacy of regional strategies and progress towards milestones and targets for the control and elimination of NTDs 2016 to date
2. Participant: in stakeholder discussions at the Grand Challenges Annual Meeting on “Building a Strong Research Ecosystem for Sustainable Development track” from October 23-26, 2016 in London, U.K.
3. Invited Speaker: The Newcastle upon Tyne Hospitals on ‘Buruli ulcer’ 8-10th March 2016
4. Member: College of Experts of the Africa Research Excellence Fund (AREF) 2015 to date
5. Invited Speaker: The Coalition for Operational Research on NTDs (COR-NTD)’. “Advances in treatment of Buruli ulcer. 2017
6. Member of Selection Panel: African Research Excellence Fund Excell Programme’ Medical Research Council, London UK. 2018
7. Visiting lecturer: London School of Hygiene and Tropical Medicine’s Diploma Course in Tropical Medicine. Topic M. ulcerans disease. March 2014 to date London UK

Plenary Speaker: Conference of ‘German-African Gooperation Projects in lnfectiology on ‘Strategies for Uniting African Science’ Entebbe Uganda, 05- 08 September 2018

1. Invited Speaker: ‘Mycobacterium ulcerans disease (Buruli ulcer): Insights for treatment optimization’, BNITM, Hamburg Germany. 28th March, 2019
2. Invited Speaker: 29th European Congress of Clinical Microbiology and Infectious Diseases. Was invited presenter on ‘Shortage of Antimicrobial agents in Ghana’ RAI Amsterdam, Netherlands. 13th-16th April 2019
3. Member of the Technical Advisory Group (TAG) of the WHO on Buruli ulcer 2006 to date
4. Management Board member for Network of African Researchers for Neglected Tropical Diseases (www.arntd.org) October 2013 to date
5. Member of Malaria Capacity Development Consortium (MCDC) tasked to assess the PhD baseline needs in Ghana, Senegal, Tanzania, Uganda and Malawi 2009
6. Member of WHO expert team to assess outbreak of Buruli ulcer in Sierra Leone 2011
7. Member of the Data and Safety Monitoring Board of MANET study (2013 to 2015)
8. Member of the Data and Safety Monitoring Board of Task Shifting and Blood Pressure Control in Ghana: (2013- 2015)
9. Delivery of the advocacy talk in House of Commons UK to all-party group on Health on Neglected Tropical Diseases July 2014
10. Delivery of Seminar to the Institute of Infection and Immunity SGUL on “ Mycobacterium ulcerans diseases: new insights for optimizing antibiotic therapy” July 2014
11. Acting Chair for the Network of African Researchers for Neglected Tropical Diseases (www.arntd.org) August 2014
12. Member of EDCTP stakeholder consultative meeting on capacity development in Berlin, Germany on 3 July 2014.
13. Member of the stakeholders to deliberate on EDCTP2 for European & Developing Countries Clinical Trials Partnership (EDCTP) Stakeholder Meeting on tuberculosis and other mycobacterial infections hosted by the  Institute of Microbiology and Infectious Diseases/Aviesan and the Ministry of Higher Education and Research, held at Fondation del Luca in Paris on 28-29 October 2013.
14. Member of the consultative team WHO-FIND consultative meeting on Buruli ulcer diagnostics to deliberate on new point-of-care test, WHO Geneva. November 2013
15. Invited speaker on the “African Research Network into Neglected Tropical Diseases (ARNTD) at the DFG’s German-African Cooperation Projects meeting in Infektology Würzburg - June 10-13th 2015