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| 1. **Highlights**
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| **Qualification** **and Rank**  | * **Professor** of Epidemiology and Global Health.
* PhD in Epidemiology and Public Health.
* Fellow, West Africa College of Physicians
* Fellow, Ghana College of Physicians
 |
| **Communication, Negotiation and****Interpersonal Skills** | * Strong people skills, and excellent interpersonal relationships.
* Active listener to colleagues and very supportive of both students and staff.
* Created several opportunities for staff professional development.
* Excellent communicator from classroom through the boardroom and to the public.
* Keynote speaker at several functions, nationally and internationally.
* Strong negotiation skills for promoting corporate interest, peace and stability.
* Experience in Employer-Labour Relations.
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| **Industry Collaboration Experience** | * Strong industry and research network linkages.
* Created several opportunities for staff and students’ internships with industries and organizations, and signed several MoUs.
* Trained twelve **(12) PhDs,** eleven **(11) Postdoctoral Fellows**, and **147 Masters students**.
* Organised several short courses for industry and organisations.
* Engaged adjunct staff from industry for practice-oriented teaching.
* Engaged consulting firms as external examiners for the health sector and managed multinational projects.
* Collaborated strongly with the Ministry of Education, Ministry of Health and Ghana Health Service.
 |
| **Visionary and Business-Orientation** | * Quick at identifying business opportunities and successful at building collaborations.
* Made contact with KNUST business incubator for ideas on commercialisation of products.
* Organised courses on Health Technology Assessments and business approach to health.
 |
| **Proven Competencies**  | * University Administrator.
* Exceptional international links and organizational skills
* Experienced multicultural research Consultant
* Distinguished Scholar with 208 peer-reviewed journal articles excluding conference proceedings and abstracts.
* High sense of ethically-sound industry leadership qualities
 |
| **Fund Raising** | * Altogether, successfully brought in over **$100, million USD** in research funds since appointment at KNUST.
* Highly skilled, systematic and successful in attracting funding from diverse sources.
* Currently employ 40 people in direct research positions at SPH with several others in the health sector.
* Co-Investigator in research that set up the **Office of Grants and Research** (OGR), KNUST.
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| 1. **Personal Information & Profile**
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| **Name:** | Ellis Owusu-Dabo, PhD, FWACP, FGCP, MSc, MB ChB, BSc, |
| Macintosh HD:Users:Ellis:Desktop:Passport photos:_JRF7537.jpg | Dr. Ellis Owusu-Dabo is a Consultant Public Health Physician, Pro Vice-Chancellor, University Teacher and Researcher. As a Professor of Epidemiology and Global Health, his area of expertise is in Medical Epidemiology and applied public health technologies. As a university teacher, he has trained undergraduate and postgraduate students, as well as mentored young faculty at both local and international levels. Ellis is a demonstrable, experienced and astute university administrator, ethically-sound industry leader and a research project management consultant. He is highly driven in his research interest area, mainly non-communicable diseases in low-income country settings. He also has considerable interest in population genomics of pulmonary tuberculosis. Ellis has secured and managed multimillion United States dollar research grants from principal granting institutions such as the European Union, National Institutes of Health (NIH), The World Bank and the Bill and Melinda Gates Foundation (BMGF) as well as many bilateral organisations. He has travelled extensively and serves on several boards at both local and international levels, while having a massive network of individuals and organisations he works with. Dr Owusu-Dabo has published **294 research** articles in peer-reviewed journals. As Perelman International Scholar of the University of Pennsylvania School of Medicine, his passion is in building capacities of next generation scientists and health systems to help solve Africa’s health problems through scientific research collaborations. |
| **Postal Address and Contacts:** | Office of the Vice-ChancellorCentral AdministrationKwame Nkrumah University of Science and Technology KNUST, Kumasi-Ghana**Email:** eowusu-dabo.chs@knust.edu.gh; owusudabo@yahoo.com**Telephone: Mobile**; +233201964425; **Desk** +0322060318 |
| **Date and Place of Birth:** | 30th April 1968, Kumasi |
| **Marital Status:** | Married, with three (3) children. |
| **Nationality:** | Ghanaian. |
| **Current Rank and Position:** | Professor & Pro Vice-Chancellor, KNUST |

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| 1. **Education, Academic & Professional Qualifications/Awards**
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| * 1. **Education and Academic Qualifications**
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| **Date** | **Academic Qualification** | **Institution** |
| 2006 – 2010 | 2010 PhD-Epidemiology and Public Health | University of Nottingham, UK |
| 2003 | Certificate in Health Policy and Reproductive Health | University of Hawaii, East-West Centre, USA |
| 2002 | Certificate in Clinical Drug Research | Vienna School of Clinical Drug Research, Vienna, Austria  |
| 2000 – 2001 | MSc-Health Services Planning and Management | Kwame Nkrumah University of Science & Technology, Kumasi, Ghana |
| 1992 – 1995 | MB ChB-Medicine and Surgery | Kwame Nkrumah University of Science & Technology, Kumasi, Ghana |
| 1988 – 1992 | BSc-Human Biology | Kwame Nkrumah University of Science & Technology, Kumasi, Ghana |
| 1986 – 1988 | Advanced level, West Africa Examinations Council  | Saint Augustine’s College, Cape Coast |
| 1981 – 1986 | Ordinary level, West Africa Examinations Council | St John’s School, Sekondi |

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| * 1. **Professional Qualifications**
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| **Date** | **Professional Qualification** | **Institution** |
| 2018 – date | Fellow  | West Africa College of Physicians (FWACP), Community Health |
| 2011 – date | Fellow | Ghana College of Physicians (FGCP), Public Health |

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| * 1. **Professional Memberships and Affiliations**
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| **Date** | **Memberships & Affiliations** | **Institution** |
| 2018 – date | Fellow | West Africa College of Physicians and Surgeons |
| 2016 – date | Member | American Society for Tropical Medicine and Hygiene |
| 2016 – date | Member | Society for AIDS in Africa (SAA) |
| 2011 – date | Fellow | Ghana College of Physicians and Surgeons |
| 2010 – date | Member | Convention of Biomedical Research, Ghana (CobreG) |
| 2002 – date | Member | University Teachers Association of Ghana |
| 1996 – date | Member | Ghana Medical and Dental Council |
| 1996 – date | Member | Ghana Medical Association |

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| * 1. **Awards**
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| **Date** | **Institution** |
| 2011  | Africa Network for Drug and Diagnostic Initiative (ANDI) Centre of Excellence Award, KCCR |
| 2011  | Seeding Labs/Novartis Fellow, Cambridge Massachussetts |
| 2006 – 2009 | GetFund Scholarship for Postgraduate Training (PhD) |
| 2006 – 2009 | Cancer Research UK, award for PhD Fellowship |
| 2003 – 2006 | Teaching and Learning Innovation Fund (World Bank Award) |

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| 1. **Academic and Administrative Appointments Held**
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| **4.1 Academic and Administrative Appointments** |

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| **Date** | **Position** | **Institution** |
| 2020 -date | Pro Vice-Chancellor | Kwame Nkrumah University of Science and Technology (KNUST) |
| 2020 -date | Council Chairman | Assemblies of God institute of Higher Learning (AGIHL) |
| 2019 – 2020 | Dean | School of Public Health, KNUST, Kumasi |
| 2019 – date | Professor | Department of Global and International Health, School of Public Health - KNUST |
| 2018 – 2020 | Intermittent Acting Provost | College of Health Sciences |
| 2018 – date | Perelman International Scholar | Centre for Global Health, School of Medicine, University of Pennsylvania, USA |
| 2018 - date | Board Chairman | Prestige Capital, KNUST, Kumasi |
| 2017 – 2019 | Acting Dean | School of Public Health, KNUST, Kumasi |
| 2013 – 2018 | Associate Professor | Epidemiology and Global Health, Department of Global and International Health, School of Public Health-KNUST |
| 2013 – 2017 | Part-time Lecturer | Nurse Anaesthetists Training School, Kumasi |
| 2012 – 2017 | Director | Kumasi Centre for Collaborative Research in Tropical Medicine (KCCR) |
| 2010-2015 | Member | KATH Students‘ Hostel Committee |
| 2010 – 2012 | Deputy Director | Kumasi Centre for Collaborative Research in Tropical Medicine (KCCR) |
| 2010 – date | Board Chairman | King’s Medical Centre, Kumbungu, Tamale |
| 2007 – 2013 | Senior Lecturer | Department of Community Health, KNUST |
| 2004 – 2006 | Intermittent Ag. Head | Department of Community Health, KNUST |
| 2003 – 2006 | Examinations Officer | School of Medical Sciences, KNUST |
| 2002 – 2007 | Lecturer | Department of Community Health, KNUST |
| 2002-date | Academic Tutor for Students | Department of Community Health, SMD; School of Public Health |

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| 1. **General Medical Practice Experience**
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| **5.1 Medical Practitioner Positions Held** |

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| **Date** | **Position** | **Institution** |
| 2004 – 2005 | Oversight Medical Officer | Juaben Government Hospital |
| 2002 – 2004 | Senior Medical Officer In-Charge | Stadium Clinic, Amakom, Kumasi |
| 2000 – 2002 | General Medical Consultant | Aninwah Medical Centre, Kumasi, Ghana |
| 1998 – 2005 | Locum Medical Officer | Asafo Agyei Hospital, Kumasi |
| 1998 – 2000 | Medical Officer | Wenchi Methodist Hospital, Brong Ahafo |
| 1996 – 1997 | House Officer | Komfo Anokye Teaching Hospital, Kumasi |

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| **5.2 General Medical Experience** |

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| Capable of performingthe following procedures ingeneral Medical practice: Paediatrics, Surgery as well as Obstetrics and Gynaecology including; lumbar Puncture, venepuncture, cut-down on veins, abdominal paracentesis, Pleural tap, ECG, Catheterization of umbilical veins, Vaginal delivery and caesarean sections, salpingectomy, bowel resection and anastomosis, appendectomy, abdominal hysterectomy, herniorrhaphy, myomectomy, suturing of all sorts of wounds, incision and drainage of abscesses, reduction of fractures, assisted and performed several other major surgical procedures. |

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| **6.0 University Students‘ Project Supervision and Teaching** |

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| ***6.1 Postgraduate Supervision*** |

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| ***6.1.1 Postdoctoral Fellowship Supervision and Mentorship (11)*** |

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| **No.** | **Name** | **Address**  | **Current Position** | **Department** |
|  | Dr John Amuasi | School of Public Health, KNUST | Senior Lecturer | Global and International Health |
|  | Dr Kingsley Badu | Faculty of Biosciences, KNUST | Lecturer | Theoretical and Applied Biology |
|  | Dr Augustina Annan | Faculty of Biosciences, KNUST | Lecturer | Theoretical and Applied Biology |
|  | Dr Michael Owusu | Faculty of Allied Health Sciences, KNUST | Lecturer | Medical Laboratory Technology |
|  | Dr Denis Yar | Faculty of Biosciences, University of Education, Mampong | Lecturer | Biological Sciences |
|  | Dr Pandam Sampson Salifu  | Faculty of Biosciences, KNUST | Senior Lecturer | Biochemistry biotechnology |
|  | Dr Barnabas Yeboah | Nurses and Midwifery Division  | Director | Ministry of Health (MoH) |
|  | Dr Aliyu Mohamed | School of Public Health, KNUST | Lecturer/SPH/KNUST | Department of Epidemiology and Biostatistics |
|  | Dr Emmanuel Nakua | School of Public Health, KNUST | Senior Lecturer/Epidemiology and Biostatistics | Department of Epidemiology and Biostatistics |
|  | Dr Joseph Kwasi Brenya | School of Public Health, KNUST | Lecturer | Department of Global and International Health |
|  | Dr Sandra Baffour Awuah | University of Energy, Sunyani | Lecturer/Department of Biomedical Sciences | University of Energy, Sunyani |

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|  ***6.1.2 Current PhD Supervision (9)*** |

Currently, supervise **NINE (9)** PhD students from Universities within and outside Ghana as follows;

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| **No.** | **Name** | **Title of Thesis**  | **Country** | **Status** |
| **1.** | Mogana Flomo | Hypertension and type II diabetes in Monrovia; assessment of prevalence, risk factors and policy action for control | KNUST, Ghana | **Year IV** |
| **2.** | Mercy Otsin | A Mixed Methods Study of Post Abortion Women and Service Providers in Ghana  | Latrobe University, Australia | **Year IV** |
| **3.** | Kofi Yankson | Assessing occupational injury hazards among road construction workers: a case of Ghana Highway Authority-Certified construction companies. | KNUST, Ghana | **Year III****Submitted** |
| **4.** | Arti Singh | Evaluation the current tobacco control system in Ghana in order to inform policy and develop country-specific recommendations. | KNUST, Ghana | **Year III** |
| **5.** | Princess Ruhama Acheampong | New approaches to improving nutrition in children under five in rural Ashanti: an assessment of the potential role of a mobile phone-based education intervention for caregivers. | KNUST, Ghana | **Year III****Submitted** |
| **6.** | Francis Adjei Osei | Effectiveness of using Behaviour Change Communication to improve coverage, acceptability and compliance to Mass Drug Administration against Onchocerciasis at the Owabi catchment area in Ashanti. | KNUST, Ghana | **Year III****Submitted** |
| **7.** | Isaac Owusu | Usage of assistive Devices among persons with mobility impairment and its impact on quality of health | KNUST, Ghana | **Year II** |
| **8.** | Divine Darlington Logo | Assessment of Education programmes on smoking prevention: a randomised controlled trial among 13 to 15-year old Junior High School Students in Upper East Region of Ghana. | KNUST, Ghana | **Year II** |
| **9.**  | Portia Okyere Boakye | Application of Mathematical Modelling on Infectious Disease Transmission Dynamics; The case of Typhoid Disease in Urban and Rural Ghana | KNUST, Ghana | **Year I** |

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| ***6.1.3 Successful PhD Supervision (14)*** |

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| **No.** | **Name** | **Programme** | **Role** | **Thesis Title** | **Year of Graduation** |
| 1.  | Anthony Afum Awuah Adjei | Molecular Medicine | Field Supervisor | Micro RNAs, new players in the Immunupathogenis of Tuberculosis | 2014 |
| 2. | Emmanuel Timmy Donkor | Chemical Pathology | Co-supervisor | Distribution of Human Papilloma Virus (HPV) Genotypes and Associated Cervical Disease in an Unscreened Population of Women in Kumasi, Ghana | 2016 |
| 3. | Sandra Baffour-Awuah | Entomology | Supervisor | Assessment of contribution of *Bacillus sphaericus* in malaria control: a community trial in Kumasi, Ghana | 2017 |
| 4. | Samuel Nkansah Darko | Molecular Medicine | Supervisor | Molecular insight into the pathogenesis of type 2 diabetes; Implications for Non-alcoholic associated fatty liver disease. | 2018 |
| 5. | Emmanuel Nakua | Public Health | Supervisor | Occupational Health Injury among Mine Workers in four major gold mining areas in Ghana: an assessment of burden, risk factors and related policies | 2018 |
| 6. | Barnabas Yeboah | Public Health | Supervisor | Patient Safety In Ghana: A Comparative Study of Risks And Preparedness of Ghana Health Service And Christian Health Association of Ghana Hospitals For Policy Intervention | 2018 |
| 7. | Oksana Debrah | Chemical Pathology | Co-supervisor | Co-infection of Herpes Simplex Virus Sero-positivity and Human Papillomavirus and their attributable risk for cervical epithelial cell abnormalities among Ghanaian women | 2018 |
| 8. | Aliyu Mohammed | Public Health | Supervisor | A mobile phone-based electronic health information and surveillance system for Africa: concept and pilot study | 2019 |
| 9. | Godfred Acheampong | Clinical Microbiology | Co-supervisor | Human Salmonelloses in Ghana: An assessment of Disease Burden, Characterisation of Antibiotic Resistant Plasmids and Improved diagnostics for control | 2019 |
| 10. | Joseph Kwasi Brenya | Public Health | Co-supervisor | Social, Economic and Political influences on risk factors of non-communicable diseases | 2019 |
| 11. | Nana Yaa Awua-Boateng | Public Health | Supervisor | Mycobacterium tuberculosis in Children: resistance, immunological profile, genes encoding, risk factors and policy action for control in Ghana | Submitted 2019 |
| 12. | Yaa Nyarko Agyemang-Adjeso  | Public Health | Supervisor | Malaria in Pregnancy: an evaluation of the effectiveness of IPTp policy on maternal and neonatal health | Submitted 2019  |
| 13.  | Rose Tawiah Odotei-Agyei | Public Health | Supervisor | The role of health communication, perception and practices related to malaria prevention in pregnancy among health providers and pregnant women in the Ejisu Juaben District, Ghana | 2020 |
| 14.  | Paul Okyere | Public Health | Co- Supervisor | Predictors of seat belt use and implementation of the mandatory seat belt legislative intervention in Kumasi, Ghana | 2020 |

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| ***6.1.4 Postgraduate Supervision (Masters Level-147)*** |

2002 – date Supervised an average of 6-8 Masters Students per year at MPH/MSc level.

2013– 2017 Supervised average of two (2) students in Master of Science, Civil Engineering.

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| ***147 students Supervised in total since 2002. 26 below from SPH since last promotion in 2013. List below does not include students from other departments.*** |

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| **No.** | **Name** | **Title of Thesis**  | **Year** |
|  | Donkor Lawrencia A. | Assessing Environmental and Health Impact of Small-Scale Mining in The Amansie West Municipality of Ashanti Region of Ghana | 2013 – 2014 |
|  | Appiah Anita | Trends in Causes of Death by Autopsy at the Komfo Anokye Teaching Hospital”. | 2013 – 2014 |
|  | Addai Linda Adwoa | Socio-demographic determinants of survival from Breast Cancer | 2013 – 2014 |
|  | Tetteh Georgiette | An Assessment of The Social Determinants of Pregnancy Related Injuries at The Komfo Anokye Teaching Hospital, Kumasi**.** | 2013 – 2014 |
|  | Bertrand Francis Mbarga | Socio-demographic determinants of survival from cervical cancer at Komfo Anokye Teaching Hospital, Kumasi-Ghana | 2013 – 2014 |
|  | Appah Evans Kyere | Impact of Community-Based Treatment Care (CBTC) of Tuberculosis on Treatment in The Obuasi Municipality of the Ashanti Region, Ghana | 2014 – 2015 |
|  | Felix Delle | The Social Mobilization on Tuberculosis Case Detection in The Atwima Kwanwoma District For The Period 2008 To 2013 | 2014 – 2015 |
|  | Ebenezer Frimpong | Factors accounting for why a portion of clients assessing HIV Testing and Counselling (HTC) Services at the Komfo Anokye Teaching Hospital do not receive Post-test Counselling  | 2014 – 2015 |
|  | Charlotte Kesewaa Adu-Gyamfi | Factors that predispose adolescents of HIV/AIDS/STI in Sunyani Municipality, Ghana  | 2014 – 2015 |
|  | Rejoice Ama Anagbonu | Level of Acceptance of HIV Counselling and Testing among Antenatal clients at Komfo Anokye Teaching Hospital, Kumasi  | 2014 – 2015 |
|  | Emmanuel Asenso- Mensah | The impact of occupational Health and Safety Policies on the Incidence of work-related injuries and loss of productivity among employees at the Twifo Oil Palm Plantation. | 2014 – 2015 |
|  | Ama Antwi- Donkor | Effect of Child Abuse Among Children Living With HIV In Kumasi Metropolis  | 2015 – 2016 |
|  | Joana Saahene Osei | Review of Femur Fracture Injury at Accident and Emergency, KATH, Kumasi, Ghana | 2015 – 2016 |
|  | Kwadwo Osei-Poku | Clinical Audit of HIV Care at A Health Facility In Kumasi Metropolis  | 2015 – 2016 |
|  | Emelia Doku-Attuah | The Predictors of Aphrodisiac Use Among Males In Tertiary Institutions In The Sekondi – Takoradi Metropolis, Ghana. | 2015 – 2016 |
|  | Timothy Kobina Ofori | A Health Survey of Emerging Chronic Diseases in Mine Workers: A Study at Chirano Gold Mines at Bibiani- Bekwai District in the Western Region  | 2015 – 2016 |
|  | Bernard Selasi Dzomeku | Factors which lead to increased vulnerability to HIV among female sex workers (FSW) in Ghana | 2016 – 2017 |
|  | Caleb Sarfo Osei-Wusu | An assessment of laboratory diagnosis of typhoid fever in the Kumasi Metropolis of Ghana. | 2016 – 2017 |
|  | Safura Seidu | Clients’ satisfaction with health care delivery in Tamale Teaching Hospital. | 2016 – 2017 |
|  | Enyonam Ama Kwawukume | Patients’ compliance with DOT’s programme in Ghana: Evidence from Regional Hospital. | 2016 – 2017 |
|  | Barnabas Asamoah | Impact of donor care programme at KATH for preventing severe complications of chronic hepatitis B infection in carriers | 2016 – 2017 |
|  | Felicia Sunday Zirangey | Evaluating workload and stress eustress among registered nurses in the operating theatre in Komfo Anokye Teaching Hospital | 2016 – 2017 |
|  | Asiedu-Neizer Christiana | Low Tuberculosis Case Detection: A Major Challenge to Tuberculosis Control | 2017 – 2018 |
|  | Owusu-Ansah Joseph | To Evaluate the Impact of National Health Insurance in Relation to Non- Communicable Diseases in The Ejisu-Juaben Municipal. | 2017 – 2018 |
|  | Mohammed Falilu | Psychosocial Determinants of Tuberculosis Treatment Adherence: A Case Study of Techiman Municipal Health Directorate. | 2017 – 2018 |
|  | Kwabena Fosu Lartey | Antimicrobial Resistance: The Role of Health Workers in Mitigating the Spread of Resistant Microbes  | 2017 – 2018 |

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| **6.2 Postgraduate Teaching**  |

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| **6.2.1 PhD Level** |

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| **Date** | **Course Code** | **Course Description** | **Dept./Faculty** |
| 2016 – date | SPHD 755/756 | Advanced Biostatistics | School of Public Health  |
| 2017 – date | SPHD 757/758 | Academic Writing | School of Public Health  |
| 2017 – date | SPHD 753/754 | Research Methods | School of Public Health  |
| 2017 – date | SPHD 751/750 | Epidemiology | School of Public Health  |
| 2016 – date  | WRES 719 | Public and Environmental Health | Civil Engineering, Regional Water and Sanitation,  |

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| **6.2.2 Masters Level** |

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| **Date** | **Course Code** | **Course Description** | **Dept./Faculty** |
| 2002 – date | MPH 553 | Biostatistics I | Department of Community Health/ School of Public Health  |
| 2002 – date | MPH 554 | Biostatistics II | Department of Community Health/ School of Public Health  |
| 2002 – date | MPH 553 | Health Systems Research I | Department of Community Health/ School of Public Health  |
| 2002 – date | MPH 556 | Health Systems Research II | Department of Community Health/ School of Public Health  |
| 2012 | MPH 551 | Epidemiology and MIS | Department of Community Health/ School of Public Health  |
| 2002 – date | MPH 552 | Epidemiology and MIS | Department of Community Health/School of Public Health  |
| 2006 – 2007 | MPH | Epidemiology | Division of Epidemiology and Public Health |
| 2012 – date | PRH 553 | Disease Control | School of Public Health  |
| 2012 – date | PRH 554 | Disease Control | School of Public Health  |
| 2002 – date  | OEHS 553 | Occupational and Environmental Health | Department of Community Health/School of Public Health |
| 2002 – 2006 | HSPM 555 | Human Resource for Health | Department of Community Health |
| 2012 – date | MENG 633 | Public and Environmental Health | Department of Civil Engineering |
| 2012 – date | CEWS 543 | Public and Environmental Health | Department of Municipal Engineering |

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| ***6.3 Fellowship Teaching*** |

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| **Date** | **Course Description** | **Dept./Faculty** |
| 2011 – 2015 | Research Methods in Emergency Medicine | Ghana College of Physicians and Surgeons |
| 2012 – date | Public Health | Ghana College of Physicians and Surgeons |

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| ***6.4 Undergraduate Project Supervision*** |

On the average I have supervised 15 -18 (270 in total) students per year for the last 18 years. (Complete list can be provided on demand).

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| ***6.5 Undergraduate Teaching*** |

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| **Date** | **Course Code** | **Course Description** | **Dept./Faculty** |
|  2002-2012 | SMS 138 | Introduction to Community Health | School of Medicine and Dentistry |
| 2002-2012 | SMS 238 | Human Ecology | School of Medicine and Dentistry |
| 2002 – 2012 | SMS 358 | Community Health | School of Medicine and Dentistry |
| 2002 – 2012 | SMS 254 | Community Health | School of Medicine and Dentistry |
| 2002 – 2012 | SMS 162 | Biostatistics | School of Medicine and Dentistry |
| 2002 – 2012 | SMS 558 | Community Health | School of Medicine and Dentistry |
| 2002 – 2006 | SMS 658 | Community Health | School of Medicine and Dentistry |
| 2002 – 2006 | SMS 558 | Field Work | School of Medicine and Dentistry |
| 2002-2006 | SMS 254 | Epidemiology and Family Studies | Department of Nursing |
| 2002-2006 | SMS 156 | Biostatistics | Medical Laboratory Technology |

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| **7. Visiting Lectureship to other Universities** |

2010 – date Tropical Medicine at the Bernhard Nocht Institute for Tropical Medicine (BNITM) Hamburg, Germany.

2010 – date Convener; Summer schools for three American Universities, (University of Pennsylvania, Northeastern University, Amsterdam Medical Centre and New York State University, Geneseo).

2013 – dateGlobal Health in appropriate Point of Care diagnostics for Pulmonary Tuberculosis and type II diabetes, University of Pennsylvania, USA**.**

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| 1. **External Examiner/Assessor**
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1. Department of Community Health, University of Ghana School of Medicine and Dentistry.
2. Department of Epidemiology, School of Public Health, University of Ghana.
3. Department of Parasitology, University of Ghana, School of Biomedical and Allied Health Sciences
4. Department of Parasitology, Noguchi Memorial Institute for Medical Research, Accra, Ghana
5. Department of Community Medicine, University of Cape Coast, School of Medical Sciences
6. Department of Community Medicine, University for Development Studies, Tamale.
7. Building and Road Research Institute, Council for Scientific and Industrial Research, Accra.
8. Department of Biosciences, University of Health and Allied Sciences, Ho.
9. Deaprtment of Nursing, University of Kwazulu Natal, South Africa
10. National Accreditation Board, Accra, Ghana.

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| **9. Journal Reviews** |

2019 - date Associate Editor, Journal of Diabetes

2017 - date Editor-in-Chief, Journal of Science and Technology

2017 – date Associate Editor, BMC Public Health

2016 - date Reviewer, ACTA Tropica, Journal

2015 - date Reviewer for Volkswagen Foundation

2013 - date Reviewer, PLOS Neglected Tropical Diseases

2012 - date Reviewer, Tropical Medicine and International Health

2012 - date Reviewer, British Medical Journal

2012 - date Reviewer, The Lancet Series (Global Health)

2012 - date Reviewer, Ethnicity and Health Journal

2011 - date Reviewer, Lung India Journal, India.

2010 - date Reviewer, Ghana Medical Journal, Accra, Ghana

2010 - date Reviewer, BMC Public Health Journal, London UK

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| **10. Service to University, Nation and International Community** |

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| **10.1 Service to the University** |

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| **Date** | **Service to the University** |
| 2020-date | Pro Vice-Chancellor, KNUST |
| 2019 | Chairman, Scientific Conference Planning Committee, CHS, KNUST |
| 2019 | Member, University Research Ethics Board, KNUST |
| 2019 –2020 | Dean, School of Public Health, KNUST |
| 2018 – 2020 | Member, Committee for the nomination for the 2018 KNUST Excellence award, College of Health Sciences |
| 2018 | Chairman, Committee to accredit Trauma and Orthopaedic Technician Programme, Duayaw Nkwanta |
| 2018-2020 | Member, College of Health Sciences, Strategic Planning Committee |
| 2017 – 2020 | Editor-in-Chief, Journal of Science and Technology (JUST), KNUST, Kumasi |
| 2017 – 2020 | Member, Books and Publications Committee |
| 2017 – 2020 | Member, Advisory Board of Office of Grants and Research |
| 2017 – 2020 | Member, Research Committee, School of Medical Sciences, SMS |
| 2017 – 2020 | Member, College Board, College of Health Sciences, KNUST |
| 2017 – 2019 | Acting Dean, School of Public Health, KNUST |
| 2017 | Member, Scientific Conference Planning Committee, SMS, KNUST |
| 2016 – 2020 | Member, Strategic Plan Working Group, SPH, KNUST |
| 2016 – 2020 | Moderator, Master of Public Health Programme ENSIGN College of Public Health |
| 2015 –2020 | Member, Scientific Conference Planning Committee, CHS, KNUST |
| 2015 | Member/Secretary, Committee that reviewed the state agreement for KCCR |
| 2013 – 2014 | Member, Research Policy Drafting Committee, KNUST |
| 2013 – 2015 | Chairman, Committee on Research Strategy, SMS, KNUST |
| 2013 | Chairman, Committee on Expression of Interest for advancing early career research in Africa, KNUST |
| 2014 – 2020 | Member, School of Public Health, Board, KNUST |
| 2012 – 2017 | Director, Kumasi Centre for Collaborative Research, KNUST |
| 2010 – 2012 | Deputy Director, Kumasi Centre for Collaborative Research, KNUST |
| 2010-2015 | Member, KATH Hostel Committee  |
| 2012 – 2014 | Member, Health and Safety Drafting Committee, KNUST |
| 2012  | Member, Research Policy Drafting Committee, KCCR/KNUST |
| 2003 – 2006 | Examinations Officer, Department of Community Health, SMS, KNUST |
| 2003 – 2006 | Member, School Examinations Board, SMS, KNUST |
| 2004 – 2006 | Sexually Transmitted Infections Working Group, CHS, KNUST |
| 2002 – 2006 | Member, Grants/Journal Club, School of Medical Sciences, KNUST |
| 2002 – date | Hall Fellow, University Hall, KNUST |

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| **10.2 Service to the Nation** |

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| **Date** | **Service to the Nation** |
| 2019 | Chairman Committee to review accreditation documents for four programmes (Epidemiology, Health Policy, Informatics and Occupational Health) at School of Public Health, University of Ghana, Legon. |
| 2018 - date | Member, Committee to review and draft National Policy on Non-Communicable Diseases (NCDs), Ghana. |
| 2018 – date | Assessor, Accreditation of Master of Health Economics Programme, University of Ghana |
| 2017 – date | Member, Kumasi Executive Committee, Cancer City Challenge |
| 2018 - date | Member, Council Narh-Beta University, Tema |
| 2017 – date | Chairman, Committee to review curriculum for the establishment of a programme in Pharmacy, Entrance University College |
| 2017 – date | External Assessor for promotions, University of Ghana |
| 2016 – date | Moderator, Master of Public Health Programme ENSIGN College of Public Health |
| 2016 – date | External Assessor for promotion, Noguchi Memorial Institute for Medical Research, Accra |
| 2016 | Special Guest, West Africa Federation Association (WARIFA) 2017 Forum |
| 2016 – 2017 | Member, Ghana Health Service/WHO in-country expert group on laboratory surveillance |
| 2015 – 2017 | Member, WHO in-country expert group on epidemic prone diseases |
| 2015 – date | Advisory Board Member, National Tuberculosis Program, Ghana |
| 2015 - 2017 | Member/Secretary, Committee that reviewed the state agreement for KCCR |
| 2015 - 2018 | Member, Advisory Board, Malaria Control Program, Ghana |
| 2015 - 2017 | Member, Oversight Committee for Integrated Bio Behavioural Surveillance, Ghana AIDS Commission, Accra |
| 2014 - 2018 | Member, RM&E Sub Committee, Ghana AIDS Commission |
| 2013 - 2014 | Chairman, Committee to develop proposal to establish World Bank Sponsored STEM African Centre of Excellence |
| 2013 – date | External Examiner, University of Ghana School of Medicine and Dentistry |
| 2013 – date | Member and Secretary, Church Board, Living Waters Chapel, Assemblies of God, Ghana |
| 2013 – date | Part time lecturer, Nurse Anaesthetists Traning School, Komfo AnokyeTeaching Hosptial, Kumasi |
| 2012 – date | Secretary, Advisory Board, KCCR |
| 2012 – date | External Examiner, University of Cape Coast, School of Medical Sciences |
| 2012 – date | External Assessor, Council for Scientific and Industrial Research |
| 2012 - 2018 | Representative, African Network for Drug and Diagnostic Innovation (ANDI) Centres of Excellence on IP |
| 2011 – date | External Examiner, University for Development Studies, Department of Community Medicine |
| 2011 – date | External Examiner, University of Ghana, School of Public Health |
| 2011 | Convener/Organizer, First Ghana/Germany Academies of Sciences meeting, Kumasi, Ghana |
| 2010 – date | Member, Research Monitoring and Evaluation Committee, Ghana AIDS Commission |
| 2010 – date | Reviewer, Ghana Medical Journal, Accra, Ghana |
| 2010 – date | Chairman, Board of King’s Medical Centre, Kumbungu, Tamale |
| 2010 – date | Research Monitoring and Evaluation Committee, Ghana AIDS Commission |
| 2010 – date | Chairman, Accreditation Panel on behalf of National Accreditation board – University of Cape Coast, Catholic University, Fiapre, University of Ghana, Ensign College and Entrance University College, Tema |
| 2010 – date | External assessor for promotions and Examiner, University for Development Studies |
| 2010 – date | Chairman, Board of Kings Village Project, Ghana |
| 2010 | Member, National Accreditation Board team to Accredit Catholic University of Ghana |

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| **10.3 Service to the International Community** |

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| **Date** | **Service to the International Community** |
| 2019 | Member, Scientific Advisory Committee, Cholera Vaccine Trial, Burkina Faso |
| 2019 | Member, Working group for European Union Consortium on iNTS vaccine Development. |
| 2019 | Moderator, Scientific Session, Enteric Fever and Salmonelloses, Hanoi, Vietnam |
| 2018 – date | Associate Editor, BMC Series journal |
| 2018 | Perelman International Scholar, University of Pensylvania |
| 2018 | Member, WHO Technical Working Group on Salmonella Typhi |
| 2017 – date | Reviewer, ACTA Tropica |
| 2017 – date | Consultant, International Vaccine Institute, Seoul, South Korea |
| 2017 | Chair, Oral presentations at DFG Scientific Meeting, Hamburg, Germany |
| 2017 | Local Chair, Organising Committee, Africa Forum for Research and Education in Health (Afrehealth). |
| 2017 | Chair, Oral Abstract Session, International Union Against Tuberculosis and Lung disease |
| 2017 | Local Organising Chairperson, Organising Committee, Africa Forum for Research and Education in Health (Afrehealth). |
| 2017 | Member, Abstract Review Panel. 10th International Conference on *Typhoid and Invasive Non-Typhoidal Salmonella* |
| 2017 | Associate Editor, BMC Public health Journal |
| 2016 – date | Member, African Vaccine Manufacturing Initiative, Cape Town, SA |
| 2015 – date | Member, Planning Committee, Society for AIDS in Africa (SAA), |
| 2016 – 2017 | WHO, Expert Panel, Joint Evaluation Tool for Epdiemic Prone Diseases |
| 2016 – 2017 | WHO Expert Panel, Influenza Surveillance Protocol Development |
| 2016 – date | Member, Global Working Group on Salmonella and other diarrhoeal diseases |
| 2016 – date | Member, Africa Sickle Cell Research Network (AfroSickleNet) |
| 2015 – date | Reviewer for Volkswagen Foundation |
| 2015  | Fellow, International Advanced Vaccinology Course |
| 2015 | Chairperson, 6th Scientific Conference of the College of Health Sciences |
| 2015 | Member, American Society of Tropical Medicine and Hygiene (ASTMH) |
| 2014 | Speaker, BIO International Convention, San Francisco |
| 2014 – 2017 | Member, Expert Committee to set up African Centre for Disease Control |
| 2013 – 2017 | Group Leader, Benhard Nocht Institute for Tropical Medicine, Germany |
| 2013 | Chairman, Committee to develop proposal to establish World Bank Sponsored STEM African Centre of Excellence |
| 2013 – date | Reviewer, PLOS Neglected Tropical Diseases |
| 2012 – date | Reviewer, Tropical Medicine and International Health |
| 2012 – date | Reviewer, British Medical Journal |
| 2012 – date | Reviewer, The Lancet Series |
| 2012 – date | Reviewer, Ethnicity and Health Journal |
| 2012 – date | Secretary, Advisory Board, KCCR |
| 2012 – date | Representative, Africa Network for Drug and Diagnostics Initiative (ANDI) Centres of Excellence on IP, Addis Ababa |
| 2012 – 2014 | Country Leader, Health Quality Assessments in the ECOWAS region |
| 2011 – date | Reviewer, Lung India Journal, India. http://www.journalonweb.com/lungindia |
| 2011 | Member, Monitoring and Evaluation Committee, Ghana AIDS Commission |
| 2010 – date | Member, Scientific Committee, West Africa Health Research Network |
| 2010 – date | Reviewer, BMC Public Health Journal, London UK |
| 2010 – date | Member, Scientific Committee, West Africa Health Research Network |
| 2010 – 2015 | Medical Education Partnership Initiative (MEPI), Co-Investigator |
| 2010 – 2015 | Member of the West African Health Organization |

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| **11. Research Activities** |

My research group (EOD Group) based at the School of Public Health currently employs over 100 people in various positions in direct research contracts at the school.

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| **11.1 Research Interest and Impact** |

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| Research interests and focus | * Disease Control
* Population genomics and biomarkers conferring immunity to diseases.
* Epidemiology of Non-Communicable Diseases.
* Health Systems Strengthening.
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| ORCID Number  | 0000-0003-4232-4292 |
| Total Publications (peer-reviewed) | 294 |
| H-index since 2014 | 38 |
| RG Score | 44.33 |
| I10-index score since 2015 | 92 |
| Total citations since 2015 | 12, 732 |

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| **11.2 Direct Fundraising/Resource Mobilization** |

Altogether, a total of over USD $100 Million in research grants to KNUST since 2002.

As Deputy Director and Director for eight years at KCCR, I helped to generate a total of **€52,854,508.14** as leader of the Centre.

The figures below are my direct contribution in fundraising to KNUST.

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| **Date** | **Direct Fundraising/ Resource Mobilization to KNUST** |
| 2019 – 2020 | Severe Typhoid in Africa (SETA) Plus Program – Ghana. Bill and Melinda Gates Foundation **(PI; $1,000,000)**. Total amount helped to mobilize $4 million USD. |
| 2019 – 2020 | National Institutes of Health (NIH) Grant Number 1D71TW011490-01; Multi Stakeholder Planning Workshop for the Development of Master of Public Health in non-communicable diseases at the KNUST School of Public Health **(PI)**. **($45,670);** with additional commitment for $240,000 per annum for five years. |
| 2019– 2023 | H2020-SC1-BHC-15-2018 two-stage-RTD; Advancing a GMMA-based vaccine against invasive non-typhoidal salmonellosis through Phase I trial in Europe and sub-Saharan Africa (**Co-PI; €194,226.17)**. Grant number 815439. Total amount helped to mobilize € 6.8 million |
| 2019 – 2023 | European Developing Countries Clinical Trial Partnerships (2) (EDCTP2); Effect of a novel typhoid conjugate vaccine in Africa: a multicenter study in Ghana and the Democratic Republic of the Congo — THECA **(PI; €5,179,550.71).** Total amount helped to mobilize € 13, million. |
| 2018 – 2020 | European Union, Type 2 diabetes and obesity among sub-Saharan African native and migrant populations: dissection of environment and endogenous predisposition. Objective: To determine the socioeconomic as well as genetic factors predisposing to T2DM **(PI; €153,000)**. Total amount helped to mobilize € 3,000, 000. |
| 2018 – 2021 | National Institutes of Health (NIH); Sickle Cell Disease Genomics Network of Africa project(SICKLEGEN AFRICA)-**Co-PI; USD $500, 000** (Grant Number 1U54HL141011-01)**.** Total amount helped to mobilize USD $5 million. |
| 2018 – 2021 | Programme for Appropriate Technology in Health (PATH); The Dynamics of Healthcare Utilization in the Context of RTS, S AS01 Vaccine Introduction in Ghana, Kenya, and Malawi. *A qualitative longitudinal study.* **(Co-PI**;**$211,543.10).** Total amount helped to mobilize $ USD 2 million. |
| 2018 – 2019 | Tick-borne and Mosquito Infections Surveillance**;** U.S. Naval Medical Research Unit No. 3 (NAMRU-3)**, (PI; $45,000)** |
| 2017 – 2020 | International Development Research Centre (IDRC); Reducing child mortality: The Role of Mobile Electronic Health Information System (108678-001) **(PI**; **743, 000 CAD)**. |
| 2017 – 2020 | Medical Research Council United Kingdom; Improve research capacity in LMICs to conduct high quality studies that will generate evidence on how to reduce morbidity and mortality caused by tobacco use and to advance key development priorities **(Co-PI; £247,954).** Total amount helped to mobilize £3 million. |
| 2017 | WHO/TDR Civilian Research and Development Fund (CRDF); reintegrationl Capacity (WHO-R) **(Co-PI; €15,104.41)** |
| 2017 | Universitaetsklinikum Hamburg-Eppendort (UKE) **(Co-PI; €2,260)** Meningitis carrier study in Brong Ahafo (M 17) |
| 2017 | Global Fund Prevalence study of asymptomatic malaria and anaemia among pupils in four (4) operational districts of Anglogold Ashanti (Ghana) Malaria Limited (AGA 1) **(PI; GHC 455,055)** |
| 2017 | University of Pennsylvania; Designing point of care diagnostics for the diagnosis of tuberculosis in children (APOC III) **(PI; $63,192.50)** |
| 2016 – 2017 | BMBF (DZIF); Antimicrobial Resistance in Ghana - prevalence and nosocomial transmission of ESBL-, carbapenemase-producing and ciprofloxacin-resistance (R 16) **(Co-PI; €5,850)** |
| 2016 | German Research Council (DFG); To examine differences of parasite growth in erythrocytes from donors with different genotypes on specific ATP2B40SNPs and measure the expression oft he gene in dependence o f these Genotypes (ATP2) **(Co-PI; €11,904)** |
| 2016  | University of Pennsylvania; Designing point of care diagnostics for the diagnosis of tuberculosis in children (APOC II) **(PI; $35,864)** |
| 2015 – 2016 | Global Fund, Tuberculosis Drug Resistance Survey for Ghana,Objective: To determine drug resistance profile of patients with pulmonary tuberculosis in Ghana. **(PI; $200,000)** |
| 2015 – 2019 | Bill and Melinda Gates Foundation; Severe Typhoid in Africa (SETA): The goal of this study is to estimate the burden and severity of invasive salmonellosis; report the long-term sequelae and associated cost of illness; and assess the immune response to natural infection. **(Co-PI; $1,200,000).** |
| 2015 – 2017 | German Research Council (DFG); Assessing the effect of neglected tropical diseases on plasmodium falciparum transmission in area of co-endemicity. **(PI; €218,610)** |
| 2015 – 2018 | University of Pittsburgh; Organ damage in sickle cell disease patients at Komfo Anokye Teaching Hospital. **(PI; $250,000)**. Total amount helped to mobilize $ 1 million. |
| 2015 – 2017 | German Research Foundation (DFG); *Mansonella Perstans* co-infection with mycobacterium infection. Objective: To determine immunological factors that determines severity of mycobacterial co-infection with *mansonella perstans* co-infection. **(Co-PI; €384,600)** |
| 2015 – 2019 | University of Pittsburgh; The concept is to better understand the process of sickle cell organ damage and be able to suggest biomarkers for vaccine and drug deveopment in particular in relation to pain management (ORDISS) **(Co-PI; $250,000)** |
| 2015 – 2016 | DZIF; This project is an extension of previous work on profiling extensive genetic predispositions of patients to pulmonary TB within the TB DRS (DZIF TB). **(PI; €44,336)** |
| 2015 – 2018 | German Research Council (DFG); Assessing the effect of schistosomiasis infestation on plasmodium falciparum transmission in co-endemic areas of Lamberene, Gabon and Kumasi, Ghaan. This project hast he main aim of determining immunological response in both schistosomiasis infected and non-schistosomiasis infected patients in a prospective study (TransMal) **(PI; €218,610)** |
| 2015 – 2018 | Bill and Melinda Gates Foundation/International Vaccine Institute; The aim of this study is to generate typhoid Fever and invasive Non-Typhoidal Salmonella (iNTS) disease burden and immunological data to drive vaccine development and inform evidence-based prevention and control policy (including vaccine policy) in sub- Saharan Africa (SETA) **(Co-PI; $695,774)** |
| 2015 | Volkswagen Stiftung (VW Foundation); Construction of the cold house facility for KCCR, KNUST, Kumasi. **(Lead; €221,600)** |
| 2014 – 2019 | German Centre for Reseach (DFG); The main objective of this multinational and multicenter study is to determine the influence of *M. perstans* infection and their *Wolbachia* endosymbionts on host immunity against mycobacterial infection, BCG vaccination efficacy, and disease susceptibility in children and adolescents. **(Co-PI;** **€261,110)** |
| 2014 | BNI via European Union;Epidemiology of Bovine TB (APARET Mini III) **(Co-PI; $5,000)** |
| 2013 – 2018 | BMBF (DZIF); The most relevant pathogens causing severe childhood febrile illnesses were characterized using common laboratory standard methods. As a first project, it is planned to create a network of platforms for the evaluation of innovative point-of-care (POC) diagnostics, in particular for use in resource-poor countries where malaria is endemic. **(Co-PI; €280,551)** |
| 2013 – 2015 | DZIF; The concept behind this study is to explore other causes of fever among children with fever at the Agogo Hospital (FWS) **(Co-PI;** **€316,291)** |
| 2013 – 2014 | Universitaetsklinikum Hamburg-Eppendort (UKE). Group B streptococcal colonization in pregnant women and related neonatal infections-an epidemiological study in the Ashanti Region of Ghana (GBS-01) **(Co-PI; €6,500)** |
| 2013 – 2017 | BNI HamburgOwusu-Dabo Research Group on non-communicable diseases **(PI; €350,000)** |
| 2013 – 2017 | National Institutes of Health (NIH) H3ABIONET; To build research capacities in bioinformatics through a consortium network of institutions to provide backbone to NIH funded projects on genoics of African diseases **(Co-PI;** **$255,855.96).** Total amount helped to mobilize $12 million. |
| 2013 – 2014 | Global Fund; An assessment of Point prevalence & Vector Profile (ANGLO II) **(PI; $39,204)** |
| 2013 – 2014 | German Ministry of Education and Research (BMBF); Mobile phone based electronic Health Information and Surveillance System for Africa: Concept and pilot study (eHISS) **(Co-PI; €68,935).** Total amount helped to mobilize € 500,000. |
| 2013 | BNI via European Union; Sero-Molecular & Risk factors of Brucella Infection among slaughterhouse workers and butchers in Kumasi, Ghana. (APARET Mini II). **(Co-PI;** **$15,000)** |
| 2012 – 2018 | Appropriate Point of Care diagnostics; University of Pennsylvania School of Engineering **(PI; $320,000).** |
| 2012 – 2014 | European Union; The overall aim of the RODAM project was to contribute to the understanding of the complex interplay between environment, behaviour and genetic features in T2D and obesity among one homogeneous SSA immigrants to Europe and their compatriots in SSA, and to identify specific risk factors to guide intervention and prevention and to provide a basis for improving diagnosis and treatment. **(PI; €280,480)** |
| 2012 – 2013 | BNI via European Union; Molecular epidemiology of Methicillin Resistant *Staphulococcus aureus* among health individuals and patients with dermatological infections. (APARET Mini I). **(Co-PI;** **$5,000)** |
| 2011 - 2012 | National Institutes of Health (NIH); Initiative on Research and Innovation Management to set up office of Grants and Research. **(Co-PI; $300,000)** |
| 2011 – 2015 | DAHW, Germany; The role of candidate microRNAs in the T cell response during acute Tuberculosis and latent M tuberculosisinfection. Objective: To determine the exact immunological role played by microRNAs in TB infection **(PI:** **€250,000).**  |
| 2011 – 2014 | BNI via European Union; To build sustainable research capacities in Africa. By assigning several qualified fellows to conduct research grant writing activities and providing support to them through a network of peers, Mentors, and supervisors, we aim to stimulate research activities and to increase the number of future grants that can be attracted (APARET Main) **(PI;** **€74,076.50).** |
| 2011 | Anglogold Ashanti Malaria Control Program;Assessment of Malaria Parasite Rates in Sentinel Schools in Preparation of an Indoor Residual Spray Intervention (ANGLO I) **(PI; €21,000)** |
| 2010 – 2014 | ANDi Designation of KCCR as a Centre of Excellence in applied biomedical research **(PI; €23,809.50)** |
| 2010-2015 | National Institutes of Health (NIH); Medical Education Partnership Initiative. **(Co-Investigator; 250,000 per year** for five years) |
| 2004 – 2007 | Bill and Melinda Gates Foundation; Establishment of Programme in Reproductive Health, SMS, KNUST (Co-Investigator); **$ One (1) Million USD** |
| 2003 – 2005 | Teaching and Research Innovation Fund (TALIF) award, Development of Voice over IP systems at the School of Medical Sciences **(USD $ 600, 000).** |
| 2002 – 2006 | (German Ministry of Education and Research-BMBF); Genetic Susceptibility Factors for Tuberculosis. **Three Million Deutschmarks DM** (Co-Principal Investigator/Coordinator) |

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| **11.3 Research Presentations at National and International Conferences** |

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| **Date** | **Research Presentations at National and International Conferences** |
| 2019 | Keynote Speaker, Science, Technology and Innovation for quality health care, 8th Annual Scientific Conference, College of Science |
| 2017 | Speaker, Living without globalization? Hamburg, Germany |
| 2016 | Speaker, BIO International Convention, San Francisco |
| 2016 | Speaker, Society for AIDS in Africa Symposium |
| 2013 | Speaker, World Health Summit, Berlin, Germany |
| 2012 | Chair, Building capacity for quality improvement in medical laboratory, oral presentation, Ghana Association of Biomedical Laboratory Scientists, Kumasi. |
| 2012 | Keynote Speaker, World Intellectual Property Organisation (WIPO Research), Geneva |
| 2011 | Speaker, 4th Scientific Conference of the KNUST College of Health Sciences. |
| 2011 | Tutor, Biostatistics workshop, Volkswagen foundation, KCCR, Kumasi, Ghana |
| 2010 | National Strategic dissemination forum, Ghana AIDS Commission |
| 2010 | Keynote speaker, Ghana Biomedical Convention, Noguchi, Accra |
| 2010 | Presenter, Missed Opportunities for Tb diagnosis the role of PCR, Ouagadougou |
| 2010 | Scientific Committee Member and Presenter, West African HealthResearch Network Launch, Ouagadougou |
| 2010  | Participant, Global Maternal Health Conference, New Delhi, India |
| 2010 | Presenter, Ghanaian-Dutch Collaboration dissemination on improving case-detection rate of tuberculosis using Polymerase Chain Reaction (PCR), Netherlands-Oral presentation |
| 2008 | Presenter, Society for Research in Nicotine and Tobacco (SRNT), Rome- Smoking uptake in Ghana; Tobacco Industry activity in Ghana |
| 2005 | Presenter, VW foundation Presentation-Neglected diseases in Ghana |
| 2005 | Presenter, Oxford International Biomedical Center |
| 2004 | Presenter, Bloomberg School of Public Health, sponsored training in Hawaii, Maternal mortality in Ghana |
| 2004 | Presenter, Vienna School of Clinical Drug Research, Vienna Austria-Voluntary Counselling and testing among Health Workers in the Ashanti Region of Ghana |
| 2003 | Presenter, Represented KNUST at the Oxford Biomedical Centre; Presentation on *Mycobacterium* Tuberculosis Drug Resistance, Ghana |
| 2002 | Presenter, TB national policy-A review of DOTS program in Ghana |

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| **11.4 Selected Abstracts Submitted at National and International Conferences** |

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| **Date** | **Selected Abstracts Submitted at National and International** **Conferences** |
| 2006 | HIV sero-prevalence among Health Workers in Ashanti and its role in VCT-HIV/AIDS international conference in Canada |
| 2008 | Smoking in Ghana: a review of tobacco industry activity, Society for Research on Nicotine and Tobacco, Rome |
| 2009 | Human genetic factors in tuberculosis: candidate genes and genome-wide association study-conference in Arusha, Tanzania |
| 2010 | Support for smoke-free policy, and awareness of tobacco health effects and use of smoking cessation therapy in a developing country. Asia-Pacific Conference on Tobacco and Health, Sydney Australia |
| 2010 | Predictors of contraceptive-use among migrant female head-porters in the Kumasi metropolis, Ghana. Global Maternal Health Conference, New Delhi, India |
| 2010 | Preferences and decision to use contraceptives among Adolescents in Second Cycle Institutions in the Ejisu-Juaben Municipality |
| 2010 | Knowledge and nursing care provided by student nurses and midwives for people living with HIV/AIDS; the view through the attitude theory lens. Kumasi |
| 2010 | Determinants of skilled birth attendance among women in rural communities of the Bolgatanga Municipality, Ghana. Kumasi |
| 2010 | Contextual factors related to contraceptive use among women in Offinso District Ghana |
| 2010 | Current contraceptive use predictors; A comparative study between men and women in the Ho municipality, Ghana. Kumasi |
| 2010 | The influence of feeding practices on the nutritional status of children (0-23 months) in the Bibiani-Anhwiaso-Bekwai district of Ghana. Kumasi |
| 2010 | Missed opportunities for the diagnosis of pulmonary Tuberculosis; The role of Polymerase Chain Reaction in the Ashanti and Western Regions of Ghana, Ouagadougou, Burkina Faso |
| 2011 | Knowledge, Attitude, And Practices (Kap) of Food Practitioners on Hazard Analysis and Critical Control Point (Haccp) in The Kumasi Metropolis, Ghana. [www.ispor.org](http://www.ispor.org/) |
| 2011 | Predictors of Appropriate Use of Insecticide Treated Nets In An Urban Community: The Case of Asokwa Sub-Metropolitan Area, Kumasi, Ashanti, Ghana. [www.ispor.org](http://www.ispor.org/) |
| 2011 | Waiting Time and its Implications on the Utilization of Antenatal Services in A Free Service Provision Setting In The Asante Akim North Municipal, Ghana. [www.ispor.org](http://www.ispor.org/) |
| 2011 | Decentralisation of Health Services Planning And Management: The Varying Perspectives Of Health Workers And Community Members At Nanumba North District, Ghana. [www.ispor.org](http://www.ispor.org/) |
| 2014  | Nana Yaa Awua-Boateng, Denis D. Yar, Samson P. Salifu, Christian Meyer, **Ellis Owusu-Dabo**. The prevalence and clinical significance of sexually transmitted infections at the Suntreso Government Hospital, Kumasi metropolis. (University of Cape Coast, 30 July-1 August 2014, GBC) |
| 2014 | S. Baffour Awuah, **E. Owusu-Dabo**, T.F. Kruppa, N. Becker, S. Oppong and K. Obiri-Danso *Lysinibacillus sphaericus* biolarvicide, an efficacious tool in the control of *Anopheles gambiae* in Kumasi, Ghana |
| 2014 | S.N. Darko, D.D. Yar, **E. Owusu-Dabo,** S.P. Salifu, F. Adomako-Boateng, W. Dapaah, N.Y. Awua-Boateng, E. Laing. Variations in IL-6 and TNF-**α**levels associated with type 2 diabetes mellitus and hypertension in rural and urban settings |
| 2014 | E.A. Biney, D.D. Yar, **E. Owusu-Dabo,** P. Donkor. HIV/AIDS prevalence at the accident and emergency centre of a tertiary and referral health institution, Kumasi, Ghana. |
| 2014 | Anthony Afum-Adjei Awuah, Kerrin Heesch, Bianca Ueberberg**, Ellis Owusu-Dabo,** Margaret Frimpong, Marc Jacobsen. Guilty or not guilty? Making a case for non-redundant modulation of IFN-γ by MIR-29A during acute pulmonary tuberculosis |
| 2014 | Genetic diversity of *Plasmodium falciparum* in children aged 6-59 months and its implication for the risk of clinical disease in the Ashanti region, Ghana. (University of Cape Coast, 30July-1 August, 2014, GBC) |
| 2014 | Denis D Yar, Bernard W Lawson, Edmund N Browne, Emanuel K Nakua, **Ellis Owusu-Dabo**. Genetic diversity of *Plasmodium falciparum* strains in children aged 6-59 months treated at home with artemisinin-based combination therapy in the forest belt of rural Ghana (Dar es Salaam, Tanzania, 7 November, 2014, H3Africa Sickle Cell Disease Meeting) |
| 2014 | Nana Yaa Awua-Boateng, Denis D. Yar, Samson P. Salifu, Christian Meyer, **Ellis Owusu-Dabo**. The prevalence and clinical significance of sexually transmitted infections at the Suntreso Government Hospital, Kumasi metropolis. (University of Cape Coast, 30 July-1 August 2014, GBC)  |
| 2014 | S. Baffour Awuah, **E. Owusu-Dabo**, T.F. Kruppa, N. Becker, S. Oppong and K. Obiri-Danso *Lysinibacillus sphaericus* biolarvicide, an efficacious tool in the control of *Anopheles gambiae* in Kumasi, Ghana |
| 2014 | S.N. Darko, D.D. Yar, **E. Owusu-Dabo,** S.P. Salifu, F. Adomako-Boateng, W. Dapaah, N.Y. Awua-Boateng, E. Laing. Variations in IL-6 and TNF-**α**levels associated with type 2 diabetes mellitus and hypertension in rural and urban settings |
| 2014 | Genetic diversity of *Plasmodium falciparum* in children aged 6-59 months and its implication for the risk of clinical disease in the Ashanti region, Ghana. (University of Cape Coast, 30July-1 August, 2014, GBC) |
| 2014 | Nana Yaa Awua-Boateng, Denis D. Yar, Samson P. Salifu, Christian Meyer, **Ellis Owusu-Dabo**. The prevalence and clinical significance of sexually transmitted infections at the Suntreso Government Hospital, Kumasi metropolis. (University of Cape Coast, 30 July-1 August 2014, GBC) |
| 2015 | Mohammed Aliyu, Acheampong Princess R., Otupri Easmon, **Owusu-Dabo Ellis**. Mobile phone short message service as a malaria tool. (College of Health Sciece- COBREG joint conference, KNUST- 31st July -1st August, 2019) |
| 2015 | E.A. Biney, D.D. Yar, **E. Owusu-Dabo,** P. Donkor. HIV/AIDS prevalence at the accident and emergency centre of a tertiary and referral health institution, Kumasi, Ghana. |
| 2015 | Anthony Afum-Adjei Awuah, Kerrin Heesch, Bianca Ueberberg**, Ellis Owusu-Dabo,** Margaret Frimpong, Marc Jacobsen. Guilty or not guilty? Making a case for non-redundant modulation of IFN-γ by MIR-29A during acute pulmonary tuberculosis |
| 2016 | Denis D Yar, Bernard W Lawson, Edmund N Browne, Emanuel K Nakua, **Ellis Owusu-Dabo**. Genetic diversity of *Plasmodium falciparum* strains in children aged 6-59 months treated at home with artemisinin-based combination therapy in the forest belt of rural Ghana (Dar es Salaam, Tanzania, 7 November, 2014, H3Africa Sickle Cell Disease Meeting) |
| 2019 | Acheampong Princess Ruhama, **Owusu-Dabo Ellis**, Mohammed Aliyu, Otupri Easmon. Effectiveness of a mobile phone –based health education intervention for caregivers in rural communities, Ghana. (ICTP-Trieste, Italy, 5th- 17th August, 2019) |
| 2019 | Acquah-Gyan Emmanuel, **Owusu-Dabo Ellis**, Acheampong Princess Ruhama. Usefulness and challenges of an mhealth intervention in rural communities in the Asante Akim North of Ghana: A qualitative study (College of Health Sciece- COBREG joint conference, KNUST- 31st July -1st August, 2019) |
| 2019 | Adjei Timothy Kwabena, Acheampong Princess Ruhama, Mohammed Aliyu, **Owusu-Dabo Ellis**. Understanding the factors associated with the use of a mobile phone-based health information system among caregivers of children under-five in rural Ghana (College of Health Sciece- COBREG joint conference, KNUST- 31st July -1st August, 2019) |

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| **11.5 Peer-Reviewed Journal Article Publications** |

1. Bonsu F, Addo KK, Alebachew Z, Gyapong J, Badu-Peprah A, Gockah R, Hanson-Nortey NN, Law I, Tadolini M, Onozaki I, Sismanidis C,**Owusu-Dabo E.** [National population-based tuberculosis prevalence survey in Ghana, 2013.](https://pubmed.ncbi.nlm.nih.gov/32228763/?from_term=owusu-dabo+e.&from_filter=simsearch3.fft&from_sort=date&from_pos=1) Int J Tuberc Lung Dis. 2020 Mar 1;24(3):321-328. doi: 10.5588/ijtld.19.0163.
2. Ofori-Acquah S, Hazra R, Orikogbo OO, Crosby D, Flage B, Ackah EB, Lenhart D, Tan RJ, Vitturi DA, Paintsil V, **Owusu-Dabo E,** Ghosh S. [Hemopexin deficiency promotes acute kidney injury in sickle cell disease.](https://www.ncbi.nlm.nih.gov/pubmed/32043112) Blood. 2020 Feb 10. pii: blood.2019002653. doi: 10.1182/blood.2019002653. [Epub ahead of print] PMID:32043112
3. Nicole S Struck, Marlow Zimmermann, Ralf Krumkamp, Eva Lorenz, Thomas Jacobs, Toni Rieger, Stephanie Wurr, Stephan Günther, Kennedy Gyau Boahen, Florian Marks, Nimako Sarpong, **Ellis Owusu-Dabo**, Jürgen May, Daniel Eibach, Cytokine Profile Distinguishes Children With Plasmodium falciparum Malaria From Those With Bacterial Blood Stream Infections, The Journal of Infectious Diseases, , jiz587, <https://doi.org/10.1093/infdis/jiz587>
4. Kaminski L-C, Riehn M, Abel A, Steeg C, Yar DD, Addai-Mensah O, Aminkiah F, **Owusu Dabo E**, Jacobs T and Mackroth MS (2019) Cytotoxic T Cell-Derived Granzyme B Is Increased in Severe *Plasmodium Falciparum* Malaria. *Front. Immunol.* 10:2917. doi: 10.3389/fimmu.2019.02917
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7. Falgenhauer L, Imirzalioglu C, Oppong K, Akenten CW, Hogan B, Krumkamp R, Poppert S, Levermann V, Schwengers O, Sarpong N, **Owusu-Dabo E**, May J, Eibach D. Detection and Characterization of ESBL-Producing *Escherichia coli* From Humans and Poultry in Ghana. Front Microbiol. 2019 Jan 15;9:3358. doi: 10.3389/fmicb.2018.03358. eCollection 2018.
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| **11.6 Book Publications** |

Author, Book Chapter; Review of Non-Communicable Disease Epidemiology in Ghana, 2014

Author, Seeing through the smoke: The Global smoking epidemic-a snapshot of smoking cessation trends, 2008

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| **11.7 Patent** |

Jointly developed patentable knowledge regarding the use of ‘Granzyme B serum levels as biomarker to discriminate between sepsis and severe malaria (BNI009).

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| **12. Language Proficiency** |

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| **Language** | **Speaking** | **Reading** | **Writing** |
| English | Excellent | Excellent | Excellent |
| French | Fair | Fair | Fair |
| Twi | Excellent | Good | Good |
| Fante | Excellent | Excellent | Good |

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| **13. Names and Addresses of Three Referees** |

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| **KNUST** |
| Prof. Dr. Dr. Sir, George Wireko-Brobby Chairman, KCCR Advisory Board & Former Dean, SMS/KNUST, Kumasi | **Tel:** (+233) (0) 208 128 371 (+233) (0) 243 723 535**Email:** sirgwbrobby@gmail.com |
| **National** |
| Dr. Anthony Nsiah AsareFormer Director General, Ghana Health ServiceFormer CEO, Komfo Anokye Teaching HospitalOffice of the President of Ghana, Accra | **Tel:** (+233) (0) 202 022 159**Email:** nsiahasareanthony@gmail.com |
| **International** |
| Prof. Dr Christian MeyerFormer Director, Tropical Medicine Programme, Bernhard Nocht Institute for Tropical Medicine, Hamburg, Germany, Current Head of Clinical Research, Clinical University of Tubingen, Germany | **Tel:** +497 071 298 2365 +491 724 300 630**Email:** christian.g.meyer@gmail.com |

Signature 

Date:**13/07/2021**