**PROFILE OF PROFESSOR MATTHEW GLOVER ADDO**

Professor Matthew Glover Addo is a Professor of Microbiology in the Department of Theoretical and Applied Biology and the current Dean of the Faculty of Biosciences. Born on the 2nd of May, 1965, he gained admission into the then University of Science and Technology (UST), now Kwame Nkrumah University of Science and Technology (KNUST) Kumasi, to pursue a four-year degree programme in Biological Sciences. He completed the BSc (Hons) Biological Sciences programme in 1992 with a Second Class (Upper Division). In 1992/93 Academic year, Prof. Addo was retained at the Biological Sciences Department for his National Service as a Teaching Assistant.

In August 1993 and after his National Service, he was awarded a Norwegian Government Scholarship to study Biotechnology where he obtained both the *Candidatus Magesterii* (BSc) and *Candidatus Scientiarum* (MSc) in 1996 and 1998 respectively the University of Bergen, Norway.

Prof. Addo was appointed as a lecturer in 2002 and in 2008, obtained a French Government Scholarship to study for the joint Doctor of Science/Doctor of Philosophy degrees at the prestigious Université Paris Sud IX, Paris, France and KNUST, Kumasi respectively. He completed the doctorate programme in May, 2011. During the doctorate research programme he designed an efficient screening method for the identification of genes involved in the mitochondrial genome stability using *Caenorhabditis elegans* as a model organism. He worked with the Functions and Dysfunction of Mitochondrial group of the Institute of Genetics and Microbiology where for the first time, he identified four (4) new nuclear genes (Y105E8A.23, dnj-10, atad-3, and phi-37) involved in mitochondrial stability.

He has been conducting research into the microbial profile and antibiotic usage with patients with chronic wounds and Urinary Tract Infections in some health facilities in Ghana. He is also researching on haematological predictors of malaria infection, using modelling and also identification of biomarkers of infectious bites capable of assessing the human parasite-vector interactions in order to develop sero-survellance tools for estimating transmission intensity; as well as conducting a baseline study of the quality of drinking water delivery systems in some Metropolis in Ghana as well as investigating into some resident microorganisms causing spoilage in some locally produced non-alcoholic beverages and some street foods in Ghana.

He has refereed a number of articles for publication in journals such as the Journal of Biotechnological Research, Clinical Biotechnology and Microbiology, International Journal of Pathogen Research, International Journal of Current Research, AAS Open Research Journal, Malaria Research and Treatment, International Journal of Current Microbiology and Applied Science, Microbiology Research Journal International, African Journal of Microbiology Research and International Journal of Biology among others.

He was voted as the Best Senior Member (Teaching) by the College of Science in its maiden Excellence Award in 2018.

Prof. Addo, is an academic with considerable experience in University teaching, collaborative research, vast institutional management experience, board room experience and headship/membership of high-profile Boards.

Below is the list of some service rendered to the University, the Nation and the International Community.

**Headship**

Dean of Faculty of Biosciences 2020 – Date

Hall Master, Republic Hall of Residence. 2016

Vice-Dean, Faculty of Biosciences, College of Science. 2017 – 2020

Head of Department, Theoretical and Applied Biology. 2016 – 2020

Senior Tutor, Republic Hall of Residence. 2013 – 2016

College of Science Examinations Officer. 2011 – 2014

Faculty of Biosciences Examinations Officer 2005 – 2008

Dep’t of Biological Sciences Examinations Officer 2004 – 2005

College of Science Examinations Audit Team (Chairman) 2014 – 2019

**Chairmanship of Boards/Committees**

**Local/KNUST**

1. **Chairma**n, Institute of Distance Learning Board 2022 -
2. **Chairma**n, Faculty of Biosciences Board. 2020- Date
3. **Chairma**n, Department of Theoretical and Applied Biology Board. 2016 -2020
4. **Chairman**, Planning Committee; Congregation Dinner and 5th KNUST Excellence Awards Ceremony 2020
5. **Chairman**, Committee to Evaluate the Conduct of Examinations 2020
6. **Chairman**, PhD Visual Communication Design Proposal Review Committee. 2020
7. **Chairman**, C’ttee to develop course content for MPhil. Radiation Biology 2019
8. **Chairman**, Committee to regulate food vending at the IDL Accra Campus 2015
9. **Chairman**, College of Science Audit Team, 2014 – 2019
10. **Chairma**n, Committee for the Harmonization of Microbiology Course Content in the College of Science. 2018
11. **Chairman**, Roadmap for the Molecular Biology Committee. 2019
12. **Chairman**, Committee to investigate allegations of Examinations malpractices against three Institute of Distance Learning (IDL) Students, 2015
13. **Chairman**, Committee to investigate allegations of Examinations malpractices against six Institute of Distance Learning (IDL) students, September, 2014
14. **Chairman**, Committee for Drafting New Programme for the Department of Theoretical and Applied Biology, 2014
15. **Chairman**, Two-Member Team to vet list of Internal and External Examiners, College of Science, KNUST, 2011
16. **Chairman**, Committee for Reconciliation of IDL Nursing Results, 2015

**Membership of Boards/Committees**

**Local/KNUST**

1. **Member**, KNUST Obuasi Campus Board 2021
2. **Membe**r, College of Science Appointment and Promotion Committee 2020 - Date
3. **Member**, College of Health Sciences Appointment and Promotion Committee 2020 - Date
4. **Member**, KNUST Search Committee for Provost for the Colleges of Agriculture, Humanities and Social Science, and Health Sciences. 2020
5. **Scrutineer**, Election of KNUST Pro Vice-Chancellor 2020
6. **Member**, College of Science Graduate Thesis Review Committee 2019 – Date
7. **Member**, Academic Board. (Professorial Rep.), CoS. 2019 – Date
8. **Member**, Academic Board. (Non-Prof. Rep.), CoS. 2012 – 2014
9. **Member**, Residence Committee, KNUST. 2019 – 2021
10. **Member**, College of Science Representative on Undergraduate Admission Committee 2017 – 2019
11. **Member**. College of Science Board. 2016 – Date
12. **Member**, Institute of Distance Learning Board. 2014 – 2019
13. **Member**, Faculty of Bioscience, College of Science 2016 – Date
14. **Member**, Committee to Review & Streamline Administrative Dep’t/Offices, 2019
15. **Member**, Ad Hoc Committee to review and regulate Teaching and Examinations Time Tables and use of classrooms across the University 2019 – Date
16. **Member**, Republic Hall Council, KNUST, 2012 – 2020
17. **Member**, Committee to investigate allegations of Examinations malpractices

against six Institute of Distance Learning (IDL) students January, 2014

1. **Member**, Committee to investigate alleged irregularities in CHEM 169 marks for Petrochemical Engineering I, in the Department of Chemical Engineering. 2016
2. **Member**, IDL Time Tabling Committee 2015
3. **Member**, Examinations Coordinating Committee 2011-2013
4. **Member**, Committee on Restructuring of College of Science to the Three-Tier System 2015
5. **Member**, Committee to Develop a Proposal for Special dispensation for Distance Learning Students (IDL) 2015
6. **Member**, Distance Learning Students (IDL) Examinations Task Force (Examinations Committee) 2014 – 2019
7. **Member**, Republic Hall Maintenance Committee 2014 – 2016
8. **Member**, Faculty of Renewable Natural Resources 2005 – 2008
9. **Member**, Proposal Review Panel of St. Karol School of Nursing 2014
10. **Member**, Proposal Review Panel of Accra Polytechnic 2014

**National/International**

1. **Chairman**, 4th Annual Scientific Conference of the West African Postgraduate

College of Environmental Health, Accra, 2019

1. **Chairman**, Curriculum Review Committee. Korle-Bu School of Hygiene. 2017
2. **Chief Examiner** for Allied Health Professions Council (AHPC), 2013 – 2014
3. **Moderator**, General Science Paper for the University College of Agriculture and Environmental Studies, 2015
4. **Moderator**, Schools of Hygiene, Korle-Bu 2015 - Date
5. **Moderator**, Schools of Hygiene, Tamale 2017 – Date
6. **Moderator**, Schools of Hygiene, Ho 2017 – Date

**National/International**

1. **Member**, Governing Council of the Spiritan University College (KNUST representative) 2020 – 2022
2. **Member**, Academic Board of the Data Link Institute of Business and Technology, Accra 2020 – 2022
3. **Member**, Appointments and Promotions Committee of the Data Link Institute of Business and Technology, Accra 2020 - 2022
4. **Member**, National Accreditation Board’s Committee for the Re-Accreditation

of Programmes at the University of Education, Winneba 2019

1. **Member**, Proposal Review Panel of St. Karol School of Nursing 2014
2. **Member**, Proposal Review Panel of Accra Polytechnic 2014