Curriculum Vitae

PERSONNAL STATEMENT

Prof. Samuel Fosu Gyasi is a Professor in Microbiology and Global Health and the Dean; School of Sciences, University of Energy and Natural Resources. He obtained his bachelor degree in BSc Biological Science at the Department of Theoretical and Applied Biology, Kwame Nkrumah University of Science and Technology (KNUST) in September 2000. He further pursued his Master of Science degree with research in Environmental Science in the same department a year after his bachelor education. In September 2009, he obtained research funding from the office of the Vice Chancellor (KNUST) to pursue his PhD in Microbiology at the same department, doing part of his research work at Kumasi Centre for Collaborative Research into Tropical Medicine (KCCR). He successfully completed his PhD in 2013 with 4 papers published in peer reviewed journal and conferences attendance at the World Health Organization's "Buruli Ulcer Initiative Programme" in Geneva before his graduation. He holds various certificate in Global Health Research; Leadership and Management in Health Research; Monitoring and Evaluation in Global Health; and Introduction to Epidemiology in Global Health all from the Department of Global Health, University of Washington, USA from March 2020 to February 2022.

His current research area is in neglected tropical diseases (NTDs) (Including Buruli Ulcer, Schistosomiasis, Filariasis), Malaria, Environmental Sanitation and Hygiene (WASH); Environmental Health and Global Health. He has successfully supervised 95 undergraduate project works with 27 in progress. He has also supervised 7 MPhil and 5 PhD candidates, with another 5 (PhD) due to submit their final thesis for external assessment in September 2023. He has about 33 publications in peer review journals and 14 conference papers to his credit.

Prof. Gyasi was a proud recipient of an International Society for Neglected Tropical Diseases, ISNTD, London, United Kingdom award in 2016 at the Russel's Square, London, United Kingdom. This was in recognition to his research in WASH and Buruli ulcer. He is also a co-recipient of PATH (A Washington Non-Profit Corporation) funded project "The Dynamics of Healthcare Utilization in the Context of RTS,S/AS01 Vaccine Introduction in Ghana, Kenya and Malawi. The partner Institutions include University of Health and Allied Health Science, Kwame Nkrumah University of Science and Technology and University of Cape Coast with a project funding of $1 million over 3 years. In September 2020, he also won Instrumental Access Programme (Seeding Labs) equipment, worth about $1m.

He has been teaching at both undergraduate and post graduate in 3 different public Universities since 2013. Through this experience, he has employed evidenced based learning using power point, videos, audios, hand-outs, practical sessions, outreaches and field trips among many others. His teaching philosophy is that, no students is dump. Depending on how special needs are addressed for individual students, the best can be brought out of each of them. He employs these teaching methodologies to activate critical thinking and analytical reasoning skills to prepare his students for their future career.

Prof. Samuel Fosu Gyasi initiated the introduction and running of 3 undergraduate programmes. These include BSc Biological Science, BSc Medical Laboratory Science and BSc Nursing all in the School of Science, University of Energy and Natural Resources with a student population of 1,500. He has also assisted in setting up a clinical diagnostic laboratory, a fully furnished Nursing skills laboratory and a Class 2 biosafety infection disease research laboratory (Center for Research in Applied biology) at UENR.

PERSONAL BRIEF

SURNAME	: Gyasi
FIRST AND MIDDLE NAMES	: Fosu Samuel
MARITAL STATUS	: Married
GENDER	: Male
NATIONALITY	: Ghanaian
PROFESSIONAL AFFILIATION	: Member, American Society of Microbiologist
	: Member, British Society of Microbiologist.
	: Ghana Science Association

1.0 Academic Degree earned with dates
(a) Institutions Attended with dates

Academic Degrees	**Dates Degree Obtained**
Cert. Monitoring and Evaluation in Global Health	March, 2022
Cert. Fundamentals of Global Health Research	March 2021
Cert. Management and Leadership in Health Research	December 2020
Cert. Health Systems Research	July 2020
Doctor of Philosophy (PhD) Microbiology	September 2013
Master of Science (with Research) Environmental Science	February 2004
Bachelor of Science (BSc) Biological Science	September 1999
Advance Level Certificate (A' Level)	June 1993
Ordinary Level Certificate (O' Level)	June 1991

(b) Institutions Attended with dates

Institutions Attended	**Dates Attended**
University of Washington-USA	January to March 2022
University of Washington-USA	January to March 2021
University of Washington-USA	September to December 2020
University of Washington-USA	March to July 2020
Kwame Nkrumah University of Science and Technology, Kumasi-Ghana.	2009 to 2013
Kwame Nkrumah University of Science and Technology, Kumasi-Ghana.	2001 to 2004
Kwame Nkrumah University of Science and Technology, Kumasi-Ghana.	1994 to 1998
Osei Kyeretwie Secondary School-Kumasi.	1991 to 1993
Opoku Ware School-Kumasi	1986 to 1991

2.0 UNIVERSITY TEACHING AND/OR RESEARCH EXPERIENCE WITH DATES:

(a) (i)Academic Ranks held and Subjects taught

Associate Professor, September 2021 to date
Senior Lecturer, September 2017 to August 2021
Lecturer, September 2013 to August 2017

(ii) SUBJECTS TAUGHT

Table 1: Undergraduate Teaching Loads after my last Promotion

Course Code	Course Title	Department	Programme	Academic Year	Credit Hrs
BIOL 205	Introduction to Microbiology	Basic and Applied Biology	BSc Biological Science	2020/2021	3
MLS 303	Microbiology (Virology) III	Basic and Applied Biology	BSc Medical laboratory Science	2020/2021	2
MLS 303	Microbiology III (Practical)	Basic and Applied Biology	BSc Medical laboratory Science	2020/2021	1
BIOL 314	Water and Wastewater Treatment (Practical)	Basic and Applied Biology	BSc Biological Science	2019/2020	1
BIOL 308	Water and Wastewater Treatment	Basic and Applied Biology	BSc Biological Science	2019/2020	2
BIOL 312	Occupational Health and Safety	Basic and Applied Biology	BSc Biological Science	2019/2020	2
BIOL 312	Occupational Health and Safety	Basic and Applied Biology	BSc Biological Science	2019/2020	1
EENG 204	Environmental Microbiology	Civil and Environmental Engineering	BSc Environmental Engineering	2019/2020	2
UMLS 303	Microbiology (Virology) III	Basic and Applied Biology	BSc Medical laboratory Science	2019/2020	2
UMLS 303	Microbiology (Virology Practical) III	Basic and Applied Biology	BSc Medical laboratory Science	2019/2020	1
BIOL 313	Mycology	Basic and Applied Biology	BSc Biological Science	2019/2020	2
BIOL 313	Mycology	Basic and Applied Biology	BSc Biological Science	2019/2020	1

NURS 114	Microbiology of Nurses	Basic and Applied Biology	BSc Nursing	2018/2019	2
EENG 204	Environmental Microbiology	Civil and Environmental Engineering	BSc Environmental Engineering	2018/2019	2
BIOL 202	Bacteriology	Basic and Applied Biology	BSc Biological Science	2018/2019	2
BIOL 202	Bacteriology (Practical)	Basic and Applied Biology	BSc Biological Science	2018/2019	1
UMLS 202	Bacteriology	Basic and Applied Biology	BSc Medical laboratory Science	2018/2019	2
UMLS 242	Bacteriology (Practical)	Basic and Applied Biology	BSc Medical laboratory Science	2018/2019	1
BIOL 105	Introduction to Medical Laboratory Science	Basic and Applied Biology	BSc Medical Laboratory Science	2018/2019	2
BIOL 201	Bacteriology	Basic and Applied Biology	BSc Biological Science	2018/2019	2
BIOL 201	Bacteriology (Practical)	Basic and Applied Biology	BSc Biological Science	2018/2019	1
BIOL 201	Bacteriology	Basic and Applied Biology	BSc Medical Laboratory Science	2018/2019	2
BIOL 201	Bacteriology (Practical)	Basic and Applied Biology	BSc Medical Laboratory Science	2018/2019	1
NURS 114	Introduction to Microbiology	Basic and Applied Biology	BSc Nursing	2018/2019	2
BIOL 202	Introduction to Microbiology (Medical Laboratory Science)	Basic and Applied Biology	BSc Medical Laboratory Science	2018/2019	2
BIOL 242	Introduction to Microbiology Practical (Medical Laboratory Science)	Basic and Applied Biology	BSc Medical Laboratory Science	2018/2019	1

BIOL 202	Introduction to Microbiology (Practical)	Basic and Applied Biology	BSc Biological Science	2017/2019	2
BIOL 108	Introduction to Microbiology (Practical)	Basic and Applied Biology	BSc Medical Laboratory Science	2017/2018	1
BIOL 108	Genetics Biological (Scientist)	Basic and Applied Biology	BSc Biological Science	2017/2018	3
BIOL 108	Genetics for (Medical Laboratory Science)	Basic and Applied Biology	BSc Medical laboratory Science	2017/2018	3
EENG 204	Environmental Microbiology	Civil and Environmental Engineering	BSc Environmental Engineering	2017/2018	2
EENG 314	Introduction to Public Health	Civil and Environmental Engineering	BSc Environmental Engineering	2017/2018	2
EENG 453	Introduction to Public Health	Civil and Environmental Engineering	BSc Environmental Engineering	2017/2018	2
EENG 101	Introduction to Environmental Science	Civil and Environmental Engineering	BSc Environmental Engineering	2017/2018	2
EENG 101	Introduction to Environmental Science	Electrical and Electronic Engineering	BSc Electrical & BSc Computer Engineering	2017/2018	2
BIOL 105	Introduction to Medical Laboratory Science	Basic and Applied Biology	BSc Medical laboratory Science	2017/2018	3
BIOL 105	Introduction to Medical Laboratory Science (Practical)	Basic and Applied Biology	BSc Medical laboratory Science	2017/2018	3
SENG 101	Introduction to Environmental Science	Mechanical Engineering	BSc Mechanical Engineering/ BSc Agricultural Engineering	2017/2018	2
					70

Table 2: Postgraduate Teaching Load after my last Promotion

Course Code	Course Detail	Department	Programme	Academic Year	Credit Hrs
EEMA 703	Applied and Environmental Microbiology	Civil and Environmental Engineering	MPhil/PhD Environmental Engineering	2020/2021	3

			Management (Regular)		
EEMA 703	Applied and Environmental Microbiology	Civil and Environmental Engineering	MPhil/PhD Environmental Engineering Management (Weekend)	2020/2021	3
FSSE 716	Occupational Health and Safety Management	Social Forestry and Safety	MPhil/PhD Social Forestry and Environmental Governance	2019/2020	3
EEMA 703	Applied and Environmental Microbiology	Civil and Environmental Engineering	MPhil/PhD Environmental Engineering Management (Regular)	2019/2020	3
FSSE 716	Occupational Health and Safety Management	Social Forestry and Safety	MPhil/PhD Social Forestry and Environmental Governance	2019/2020	3
EEMA 703	Applied and Environmental Microbiology	Civil and Environmental Engineering	MPhil/PhD Environmental Engineering Management	2018/209	3
				Total	18
	Combined Undergraduate and Postgraduate		Total Credit Load		88

(b). SUPERVISION OF STUDENTS' PROJECT WORK/THESIS/RESEARCH THAT WAS NOT PART OF MY LAST PROMOTION

i) Undergraduate Projects — 95 Completed 27 in progress
ii) Masters' thesis — 7 completed
iii) PhD Thesis — 5 completed and 5 in progress

Table 3: BSc. (Undergraduate Thesis/Projects Passed)

Name of Student	Topic	Year Completed	Programme	Department and Institution
1. BRUCE BELINDA ASIEDUA- 2. BDDAE EMMANUEL- 3. DANIEL ANUM AKPOR- 4. AMOAKO NTOW OBED-	Identification and degrading ability of bacteria against polychlorinated biphenyl (PCBS) contamination	2021	Biological Science	Basic and Ap plied Biology /UENR
5. COFFIE BAIDOO RABBI 6. WILLIAMS ISAAC 7. AKOLOGO NYAABA RITA 8. AMPONSAH BAAH DANIELLA	Molecular determination of enteric microbes in drinking water in Agona Swedru, Ghana.	2021	Medical laboratory Science	Basic and Ap plied Biology/ UENR
9. PRISCILLA BANDAH 10. NANCY KONADU SARFO- 11. DORCAS ESSEL	Microbial quality of khebab sold on the street of Sunyani municipality	2021	Biological Science	Basic and Ap plied Biology/ UENR
12. RHODA KWAKYEWAA ANTWI 13. PRINCE ADOMAH NYARKO 14. THEOPHILLUS NTI BABAE	In-vitro analysis of the effect of acetaminophen, ibuprofen and aspirin on the survival and motility of adult O*nchocerca* parasite	2021	Biological Science	Basic and Ap plied Biology/ UENR
15. ADJEI BISMARK- 16. SARPONG EMMANUEL	Morphological and molecular identification of blackflies in selected communities hyperendemic for onchocerciasis	2021	Biological Science	Basic and Ap plied Biology / UENR

17. OWUSU LOUISA 18. OSEI ADDAE RICHARD 19. ERICSSON OSEI-MENSAH 2021. AMPEM KOFI DARKO 21. DJABATEY KYEI JOSEPH	Comparative Efficiency of Different Designs of Sticky Traps in Attracting and Trapping Anthropophilic *Simulium* Vectors of River Blindness.	2021	Biological Science	Basic and Applied Biology / UENR
22. MUSAH JAMAL-DEEN 23. KUDZORDZI PRINCE-CHARLES 24. JOHN ADONGO 25. ABIGAIL KOOMSON [	The Prevalence of Lymphatic Filariasis in Bono Region	2021	Biological Science	Basic and Applied Biology / UENR
26. CARR JEREMIAH: 27. ADJEI ANTWIWAA MABEL: 28. BENJAMIN AMISSAH GYASI: 29. JOFFER ADOMAKO BOATENG	The Prevalence and Concentrations of Cryptosporidium Parvum Oocyst in Sewage Used in Irrigation Farming and In Vegetables.	2021	Biological Science	Basic and Applied Biology/ UENR
30. KPODO BRIGHT 31. ANTWI RICHARD 32. DEMEDEME EMMANUEL 33. AKUAKU MARK	Assessing the efficiency of a waste Stabilization Pond: A case study I Accra Metro Sewage Units waste treatment System at Lego, Ghana,	2016	Environmental Engineering Management	Energy and Environmental Engineering-UENR
34. DESMOND ARHIN 35. MARTIN DZOKOTO 36. ROSEMOND ADU-GYAMFI	Assessing the efficiency of a designed Prototype Macrophyte-Based Ponds in Treating Clinical Wastewater.	2016	Environmental Engineering Management	Energy and Environmental Engineering-UENR
37. SAMUEL TWUMASI AGYEMANG 38. THEOPHILUS ASEIDU SAGOE 39. ADDISON FRANCIS SAMUEL NKETIAH	Ellucidating the energy demand and prototype design of a Biodigester System in Kantro in the Brong Ahafo Region.	2016	Environmental Engineering Management	Energy and Environmental Engineering-UENR

40. SULEMAN SADIQ ABUBAKARI 41. ELIAMO MARIAN ANTOINETTE 42. TANDOH PATRICK 43. NYAMEKYE EDWARD	Investigating ground water quality at Adomako area in Sunyani within the Brong Ahafo Region of Ghana: The role of leachate at the Sunyani dump site.	2016	Environmental Engineering Management	Energy and Environmental Engineering-UENR
44. ADJEI PRECIOUS 45. ANKAMAH YEBOAH FELIX 46. OWUSU KOFI GEORGE 47. YEBOAH MANU EMMANUEL	Assessing solid waste management practices at the University of Energy and natural resources.	2016	Environmental Engineering Management	Energy and Environmental Engineering-UENR
48. MACDONALD BADU AMOAH 49. CLEMENT NYARKO ASASE 50. JEFFREY USSHER 51. ERIC AMO-MESI	Assessing the occupational health hazards of some Hospital workers in relation to clinical waste management at the Brong Ahafo Regional Hospital.	2016	Environmental Engineering Management	Energy and Environmental Engineering-UENR
52. DEKONGMEN BENJAMIN WULLOBAYI 53. YERIBU PATRICK KUBATI ANECHAM 54. YEBOAH KOFI SAEED IBN IDRIS 55. ANSAH EMMANUEL	Elucidating some indicators of water pollution of selected drinking sachet water: A case study of Fiapre (UENR) Sunyani.	2016	Environmental Engineering Management	Energy and Environmental Engineering-UENR
56. Haruna Abdul-Rashid 57. BOAKYE THEOPHILUS 58. ABUGRE RENIE 59. KORDA HENRY KWAME	Assessing the water quality of hand dug wells sited near pit latrines: A case study of Fiapre in the Sunyani West District	2016	Environmental Engineering Management	Energy and Environmental Engineering-UENR
60. LOUIS OSEI-ADJEI, 61. KARIKARI AGYEMANG PIUS, 62. AFUA GYAAMA KISSI AMPOMAH CORNELIA	Assessing the Microbial Quality of Effluent from the Sunyani Regional Hospital.	2016	Environmental Engineering Management	Energy and Environmental Engineering-UENR

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Table 4: MPhil Thesis/Research Supervision

No	Student	Topic	Role	Expected Year of Completion/Ongoing	Department and Institution
1.	MARVIN OSEI	Assessment of the quality of water supplied by Appiadu community water system: A case study and consumer's perception on the quality of water.	Co-Supervisor	Completed-2014	Theoretical and Applied Biology KNUST.
2.	GLADYS OMISI IBHAFIDON-MOMODU	Impact of shared sanitory toilets on candidiasis infection among females in Auchi community, Edo state Nigeria	Co-Supervisor	Completed-2014	Civil Engineering-KNUST
3.	ABIGAIL BOATENG ANTWIWAAH	Prevalence and intensity of malaria and schistosomiasis in some communities within the Bui dam environ	Main Supervisor	Completed-2018	Energy and Environmental Engineering-UENR
4.	BISMARK BOAMAH	Assessment of the drinking water quality of selected streams in banda and bole districts of the post bui power	Main Supervisor	Completed-2018	Energy and Environmental Engineering-UENR
5.	FAISAL ABDULLAH	Investigate diarrheagenic microbes in drinking water: the implication of pathogenic *coli and salmonella typhi* in agona Swedru ghana	Main Supervisor	Completed-2019	Energy and Environmental Engineering-UENR
6.	RICHARD NTIBRI	Reclying greywater to optimize water use to improve sanitation in public senior high schools in Nankanaga municipal and kasena Nankana west district	Co-Supervisor	Completed-2020	Energy and Environmental Engineering-UENR

8	ABOTISUM CHRISTOPHER NSOBBILA	Performance assessment of compost formulated with coconut and cocoa pod husks as a replacement of topsoil in nursery media	Co-Supervisor	Completed-2021	Energy and Environmental Engineering-UENR
7.	ISAAC BANIN	Assessment of haematological and toxicological effects of heavy metals among welders in Bibiani Anhwiaso Bekwai Municipal Assembly, Ghana	Main Supervisor	Completed-2021	Energy and Environmental Engineering-UENR

Table 5: Doctoral Thesis/Research Supervision

	Student	**Topic**	**Role**	**Expected Year of Graduation**	**Department and Institution**
1	ADRIAN MALLORY	Designing sustainable faecal sludge treatment systems for small cities in Sub-Saharan Africa	Co-Supe-visor	Completed, 2018	Civil Engineering University of Edinburgh, Scotland, UK.
2	KENNETH BENTUM OTABIL	Optimizing the Esperanza Window Trap to monitor the transmission dynamics of river blindness in hypoendemic communities	Main Supe-visor	Completed, 2019	Energy and Environmental Engineering, UENR, Ghana
3	DANIEL SARPONG	Biodegradation of Organic solid Waste Using Black Soldier Fly (*Hermetia illucens*) Larvae	Co-Supe-visor	Completed, 2019	Civil Engineering KNUST, Ghana.
4	ROBERT ADU	Design of a filter system incorporating PCB-degrading bacteria for improvement of flue gas quality of hospital incinerators	Main Supe-visor	Completed, 2019	Energy and Environmental Engineering, UENR, Ghana.

5	PRISCILLA ADDO	Valorization of organic solid waste larvae composting	Co-Supe-visor	Completed, 2022	Civil Engineering KNUST, Ghana
6	AMA MBEABA QUASHIE	Management of solid waste in faecal sludge of selected communities in Ghana	Main Supe-visor	Ongoing, 2021.	Energy and Environmental Engineering, UENR, Ghana.
7	PETER ADANU BLANKSON	Investigating the impact of agrochemicals on wetlands along the catchment of tano river basin	Main Supe-visor	Ongoing, 2022	Energy and Environmental Engineering, UENR, Ghana.
8	DORICE AKOSUA BERKO	Effect of vegetable oil consumption on glycemic control in type II diabetics	Co-Supe-visor	Ongoing, 2022	Molecular Medicine, SMS-KNUST, Ghana.
9	BISMARK OFOSU BAMFO	Ecological studies on lianas in Ghana	Co-Supe-visor	Ongoing, 2022	Theoretical and Applied Biology-KNUST, Ghana.
10	ABIGAIL BOATENG ANTWIWAAH	Assessing the potential of indigenous microbes in acid mine waters for biomining and bioremediation.	Main Supe-visor	Ongoing, 2023	Energy and Environmental Engineering, UENR, Ghana.

(3.0a) DETAILS OF RESEARCH OR PROJECTS UNDERTAKEN

(3.0b) PUBLICATION ARISING OUT OF RESEARCH AND PROJECTS TAKEN

1. **Gyasi Samuel Fosu,** Esi Awuah, JA. Larbi, G.A. Kuffuor & O.O. Afriyie **(2012)**. Clinical, haematological and histopathological responses to arsenic toxicity in ICR mice using arsenic levels synonymous to Buruli Ulcer endemic communities in the Amansie West District of Ghana. **European Journal of Experimental Biology, 2012, 2 (3):683-689.**

2. **Gyasi S.F,** E. Awuah, J.A. Larbi, G.A. Kuffuor (2012) Arsenic in water and soil: A possible contributory factor to *M. ulcerans* Infection in Buruli Ulcer Endemic Communities**. Asian Journal of Biological Sciences.** ***Scialert.net/abstract/?doi=ajbs.2011.483.497.***

3. **Gyasi S.F,** E. Awuah & J.A. Larbi (2011) Association of perceived risk factors to the development of Buruli Ulcer in the Amansie West Districts, **Asian Journal of Biological Sciences. 4 (6): 483-497.**

4. **Gyasi S.F,** E. Awuah, J.A. Larbi, Y.A. Debrah & N.Y. Awua-Boateng **(2012**) Temporal relationships of environmental arsenic and *M. ulcerans* infections in the Amansie West District of Ghana (**Pharmacolgia, UK**)/DOI: 10.5567/pharmacologia.2013.320.326.

5. **Gyasi S.F,** E. Awuah, J.A. Larbi, G.A. Kuffuor & O.O. Afriyie **(2012)**. Susceptibility of arsenic exposed ICR mice to the development of Buruli Ulcer in the Amansie West District of Ghana. (**Pharmacolgia, UK**)/DOI: 10.5567/pharmacologia.2013.264.

6. **Gyasi S. F.**, Awuah E, Ofosu E. A., Kotei D and Abbas K M., **(2014).** Environmental sanitation Attitudes in Buruli Ulcer Communities and its Potential Impacts in the Asanti Akim North District, Ghana. Research journal of Environmental Science, 8: 78-89. DOI: 103923/rjes.2014.78.89

7. **Gyasi S.F.,** Awuah E.**,** Koffour G. A., Sampson D. K., Debrah A Y. **(2014)**. Comparative analysis of environmental arsenic and other heavy metals in 2 Buruli Ulcer endemic districts in the Ashanti Region, Ghana JENRM, Vol. I, No. 1, 56-62, 2014, Research Article.

8. Awuah E., **Gyasi S.F.**, Anipa H. K. and Adjei A, (2014). Microbial Quality of Sachet and bagged Drinking water: A case Study in Kumas, Ghana. Research Journal of Microbiology, 9: 199-207 DOI: 10.3923/jm.2014.199.207.

9. Appiah-Effah E, Nyarko K. B., **Gyasi S. F.,** and E. Awuah **(2014).** Faecal sludge management in low income areas: a case study of three districts in the Ashanti region of Ghana, IWA Publishing 2014 Journal of Water, Sanitation and Hygiene for Development | 04.2 | 2014, Doi: 10.2166/washdev.2014.126.

10. Bosompem M. O., Agyapong E. A., **Gyasi S. F.** and E. Awuah **(2014).** An Empirical Perspective of Water Quality in Appeadu: A suburb of Kumasi in the Ashanti Region, Ghana. Trends in Applied Sciences Research, 9:144-152 DOI: 10.3923/tasr.2014.144.152, URL:http://scialert.net/abstract/?doi=tasr.2014.144.152.

11. Bosompem M. O., Agyapong E. A., **Gyasi S. F. (2014).** Elucidating Microbial Pollution Markers of Drinking Water in Appiadu within the Ashanti Region of Ghana International Journal of Current, Research. Vol. 6, Issue, 11, pp.944-9450, November, 2014.

12. Awuah E & **Gyasi S.F., (2014**). Role of Protozoa on Faecal Bacteria Removal in Macrophyte and Algal Waste Stabilization Ponds, Microbiological Journal, 2014, ISSN 2153-0696/DOI: 10.3923/MJ.2014.

13. Awuah E**,** Amankwaah-Kuffour R, **Gyasi S.F.**, Lubberding H. J., & Gijzen H. J**., (2014).** Characterization and Management of Domestic Wastewater in 2 Suburbs of Kumasi, Ghana. Research Journal of Environmental Science. ISSN 1819-3412 / DOI: 10.3923/RJES.2014.

14. Awuah E**, Gyasi S F**, Anipa H..M.K & K. E. Sekyiamah **(2014)**. Assessment of rainwater Harvesting as a Supplement to Domestic Water Supply: Case Study in Kotei-Ghana, International Research Journal of Public and Environmental Health, Vol.1 (6), pp. 126-131, August 2014.

15. Awuah Esi**, Gyasi Samuel Fosu,** Nettey W, Attiogbe F, Lubberding H. J. & H. J. Gijzen **(2014).** Atmospheric air pollution associated with macrophyte and algal-based wastewater stabilization ponds in Kumasi, Ghana**.** JENRM, Vol. No. 2, 88-92, 2014, ISSN: 2026-6189.

16. **Gyasi Samuel Fosu**, Appiah-Effah E and A. Nkansah **(2014)**. Microbial Impacts of Brewery Effluent Discharge on Sissa River: A Case Study of Kaase in Kumasi Ghana. Research Journal of Microbiology. DOI: 10.2923/jm.2014.

17. Jerry Lawrence Authur, **Samuel Fosu Gyasi**, Amos T. Kabo-Bah and Esi Awuah **(2015).** Rainfall Variability and its Impact on Reported OPD Cases of *Salmonella Typhii* in Sunyani, Ghana, Research Journal of Environmental sciences, 9: 39-47, DOI: 10.3923/rjes.2015.39.47

18. Jacob Kwadwo Amponsah Abebrese, **Samuel Fosu Gyasi,** Margaret Gyapong **(2015).** Assessing the Reporting System of Maternal Mortality: A Case Study of a Health Care Centre in the Asuogyaman District, Ghana, Journal of Biology, Agriculture and Healthcare www.iiste.org, ISSN 2224-3208 (Paper) ISSN 2225-093X (Online), Vol.5, No.4, **2015.**

19. Jacob Kwadwo Amponsah Abebrese, **Samuel Fosu Gyasi,** Margaret Gyapong **(2016).** Maternal Mortality, Proteinuria and Pregnancy Induced Hypertension: Case Study of a Regional Hospital in Brong Ahafo Region, Ghana. Journal of Biology, Agriculture and Healthcare www.iiste.org ISSN 2224-3208 (Paper) ISSN 2225-093X (Online), Vol.6, No.14. 2016.

20. **Samuel Fosu Gyasi,** Bismark Boamah, Esi Awuah and Kenneth Bentum Otabil **(2018).** A Perspective Analysis of Dams and Water Quality: The Bui Power Project on the Black Volta, Ghana**.** Journal of Journal of Environmental and Public Health, Volume 2018, Article ID 6471525, 10 pages, https://doi.org/10.1155/2018/6471525.

21. Kenneth Bentum Otabil**, Samuel Fosu Gyasi,** Esi Awuah, Daniels Obeng-Ofori, Mario A. Rodríguez-Pérez, Charles R. Katholi, Thomas R. Unnasch (2018). The Search for an Efficient Black Fly Trap for Xenomonitoring of Onchocerciasis, Journal of Parasitology Research, Volume 2018, Article ID 5902367, 10 pages, DOI:10.1155/2018/5902367.

22. **Samuel Fosu Gyasi**, Abigail Antwiwaa Boateng, Esi Awuah & Eric Ofosu Antwi (2019). Ellucidating the incidence and the prevalence of Schistosomiasis spp infection in riparian communities of the Bui dam, Journal of Parasitic Diseases, Issue 43 Vol. 4, DOI: 10.1007/s12639-019-01089-4.

23. Kenneth Bentum Otabil, Samuel **Fosu Gyasi**, Esi Awuah, Daniels Obeng-Ofori, Robert Junior Atta-Nyarko, Dominic Andoh, Beatrice Conduah, Lawrence Agbenyikey, Philip Aseidu, Comfort Blessing Ankrah, Abdul Razak Nuhu & H. D.F.H. Schallig (2019). Prevalence of Onchocerciasis and Associated Clinical Manifestations in Selected Hypoendemic Communities in Ghana following Long-Term Administration of Ivermectin, BMC Infectious Disease, volume 19, article number: 431 (2019), doi https://doi.org/10.1186 /s12879-019-4076-2.

24. D. Sarpong,S. Oduro-Kwarteng, **Samuel Fosu Gyasi,** R. Buamah, E. Donkor, E. Awuah, M. K. Baah (2019). Biodegradation by composting of municipal organic solid waste into organic fertilizer using the black soldier fly (Hermetia illucens) (Diptera: Stratiomyidae) larvae, International Journal of Recycling of Organic Waste in Agriculture, Vol 8, Issue 26.

25. Robert Ohene Adu, **Samuel Fosu Gyasi**, David Kofi Assumang, Kenneth Bentum Otabil (2020). Behavioural Pattern on Medical Waste Management in 5 Hospitals in Ghana. Journal of Environment and Public Health Hindawi Journal of Environmental and Public Health Volume 2020, Article ID 2934296, 14 pages, https://doi.org/10.1 155/ 2020/2934296.

26. Kenneth Bentum Otabil, **Samuel Fosu Gyasi**, Esi Awuah, Daniel Obeng Ofori, HDFH Schallig (2020). Optimized Prototypes I Ezperanza window Traps are effective as human landing Collectors in capturing host-seeking blackflies in a community of low vector density in Ghana. Hindawi, Journal of Parasitology Research Volume 2018, Article ID 5902367, 10 pages https://doi.org/10.1155/2018/5902367.

27. **Samuel Fosu Gyasi**, H. Abdul-Rashi, T. Boakye, R. Abugre and H. K. Korda (2017). Microbial Contamination of Hand Dug Wells and Pit Latrines in Fiapre in the Sunyani, Ghana. JENRM, Vol. 4, No. 3, 85-92, 2017, Research Article.

28. Kenneth Bentum Otabil, **Samuel Fosu Gyasi**, Esi Awuah3, Daniels Obeng-Ofori, Seth Boateng Tenkorang5, Justice Amenyo Kessie6 and Henk D. F. H. Schallig2 Biting rates and relative abundance of Simulium flies under different climatic conditions in an onchocerciasis endemic community in Ghana, Parasites Vectors (2020) 13:229 https://doi.org/10.1186/s13071-020-04102-5.

29. Richard Agbo Kwabena Ntibrey, **Samuel Fosu Gyasi** and Francis Atta Kuranchie **(2020).** Water shortages and poor sanitation in senior high schools; the potential of greywater reuse as a mitigating measure**,** Water and Environment Journal, doi:10.1111/wej.12622 Print ISSN 1747-6585

30. Richard Agbo Kwabena Ntibrey, Francis Atta Kuranchie and **Samuel Fosu Gyasi** (2020). Antimicrobial and coagulation potential of *Moringa oleifera* powder coupled with sand filtration for treatment of bath wastewater from public senior high schools in Ghana, Heliyon 6 (2020) e04627, www.cell.com/heliyon, http://crossmark.crossref.org/dialog/?Doi=10.1016/j.heliyon.2020.e04627&domain=pdf

31. Dorice Akosua Berkoh, W.K.B.A. Owiredu, **Samuel Fosu Gyasi**, E.T. Donkoh and R.A. Ngala (2019), Factors Associated with Patient Compliance Behaviour in a Peri-Urban Diabetic Clinic Using A Mixed-Methods Approach, *Book of Abstracts, Ghana Science Association, 31st Biennial Conference, pp 46-47.* **Submitted online for publication *in Porto Biomedical Journal PBJ-D-19-00061***(Paper Accepted for Publication 2020).

32. **GYASI, Samuel Fosu,** Kpodo B.2, Antwi R., Demedeme E., Akuaku M. 2 (2019). Pathogenic Vibrio cholera contaminated wastewater discharge into urban receiving waters in Ghana; the performance of a biological wastewater stabilization pond, JENRM, Vol. 5, No. 1, 1-6, 2019, Research Article.

33. Ama Mbeaba Quarshie, **Samuel Fosu Gyasi**, Francis Atta Kuranchie , Esi Awuah and Eugene Darteh (2021). Conceptual Behaviour Underpinning the Occurrence of Non-faecal Matter in Faecal Sludge in Some Urban Communities, Ghana. Hindawi, Journal of Environmental and Public Health, Volume 2021, Article ID 2672491, 10 pages, https://doi.org/10.1155/2021/2672491

4.0 Exhibitions (NOT APPLICABLE)

5.0 Conferences/Seminars and Workshops at which papers were read

(i) List all other Publications

1) Giving details of books and articles and stating exact references

2) Indicating my contribution if co-authored

3) Copies of selected articles and other Publication (not exceeding 10) for external assessment. (For promotion to professorship, two copies each should be supplied).

(2021)**Details of International Conferences Attended and Stating Exact Reference**

i. **Abstract:** A socio-economic analysis of different approaches to faecal sludge treatment in Sunyani, Ghana, 2018. 39th WEDC International Conference, Ghana, 2016, Ensuring availability and sustainable management of water and sanitation for all. Mallory, M. Crapper., **SF Gyasi** and B Boamah. (As PhD Co supervisor)

ii. **Abstract:** Factors Associated with Patient Compliance Behaviour in a Peri-Urban Diabetic Clinic Using A Mixed-Methods Approach, *Book of Abstracts, Ghana Science Association, 31st Biennial Conference, pp 46-47;* D. A. Berkoh, W.K.B.A. Owiredu, **S.F. Gyasi**, E.T. Donkoh and R.A. Ngala (2019), (As Phd Co-supervisor)

iii. **Abstract:** Adaptation of Nanotechnology Bio-diagnostic for detecting NTDs, **Conference theme:** Diagnostics, drug discovery and Development, by ISNTD at Welcome Trust, London, May 20 to 21, 2019. **Samuel Fosu Gyasi**

iv. **Abstract:** Influence of climatic variations to the development of Buruli ulcer in Ghana. **Conference theme:** Buruli Ulcer Control Programme Meeting at WHO Headquarters

(HQ), Executive Board Room, Geneva, Switzerland, March, 2019. **Samuel Fosu Gyasi**, Esi Awuah and James Ampofo

v. **Abstract:** Adaptation of Nanotechnology Bio-diagnostic for detecting NTDs, **Conference theme:** Diagnostics, drug discovery and Development, by ISNTD at Welcome Trust, London, May 20 to 21, 2015.

vi. **Abstract:** Environmental Sanitation Attitudes and Its Potential Impact on BU infections in the Asanti Akim Agogo, Ghana, Conference theme. **Conference theme:** Buruli Ulcer Control Programme Meeting at WHO Headquarters (HQ), Executive Board Room, Geneva, Switzerland, March, 2017. **Samuel Fosu Gyasi** and Esi Awuah

vii. **Abstract:** Comparative analysis of environmental arsenic and other heavy metals in 2 Buruli Ulcer endemic districts in the Ashanti Region, Ghana, Conference theme. **Conference theme:** Buruli Ulcer Control Programme Meeting at WHO Headquarters (HQ), Executive Board Room, Geneva, Switzerland, March, 2015.

viii. **Poster Presentation: Abstract-** Clinical, haematological and histopathological responses to arsenic toxicity in ICR mice using levels synonymous to Buruli Ulcer endemic communities in the Amansie West District of Ghana- **Conference theme:** Bites2015, ISNTD-London, March 2015.

ix. **Abstract-** Susceptibility of arsenic exposed mice to the Development of Buruli Ulcer in the Amansie West District of Ghana –**Conference theme:** Buruli Ulcer Control Programme Meeting at WHO Headquarters (HQ), Executive Board Room, Geneva, Switzerland, March, 2015.

x. **Abstract-** Clinical, haematological and histopathological responses to arsenic toxicity in ICR mice using levels synonymous to Buruli Ulcer endemic communities in the Amansie West District of Ghana- **Conference theme:** Buruli Ulcer Control Programme Meeting at WHO Headquarters (HQ), Executive Board Room, Geneva, Switzerland, March, 2013.

xi. **Abstract-** Arsenic in water and soil: A possible contributory factor to *M. ulcerans* Infection in Buruli Ulcer Endemic Communities- **Conference theme:** Buruli Ulcer Control Programme Meeting at WHO Headquarters (HQ), Executive Board Room, Geneva, Switzerland, March, 2013.

xii. USAID Sponsored African- US Network of Centre of Excellence for Young Scientist by University of Tuskegee, USA-2IE Summer School, Burkina Faso (**June, 10-20, 2012).**

xiii. **Abstract-** Association of perceived risk factors to the development of Buruli Ulcer in the Amansie West Districts- **Conference theme: WHO Headquarters (HQ), Geneva, Switzerland, March, 2011**.

xiv. **Abstract-** Clinical, haematological and histopathological responses to arsenic toxicity in ICR mice using levels synonymous to Buruli Ulcer endemic communities in the Amansie West District of Ghana- **Conference theme: Water and Health Conference, University of North Carolina, USA (Abstract has been selected for oral presentation – Scholarship awarded) [O**ctober 14-18, 2013, in Chapel Hill, NC]

6.0 RECORDS OF SERVICE TO THE COMMUNITY

Table 6: Table 10: Assessment of my Service to Community after my last Promotion

Year	Role	Activity
(a) Administrative Experience		
2019 to date	Head of Department	Basic and Applied Biology
2017 to 2019	Head of Department	Basic and Applied Biology
2021 to date	Head of Department	Center for Research in Applied Biology
2022 to date	Dean,	School of Science
(b) Acting Positions		
22nd January to 1st February 2018	Acting Dean,	School of Science
(ii) Membership of Committees/Societies		
Statutory		
2017-2019	Representative	Convocation on Welfare
2017-2018	Member	Research, Conference and Scholarship Committee
2017-2019	Member	Academic Board
2019-date	Member	Academic Board
	Member.	Convocation Rep. for Health and Sanitation
2018 -2020	Member	Research Ethics Policy Draft Committee
2020	Member	Curriculum Review Committee for NCTE document of BSc. Medical Laboratory Sciences
2020	Member	UTAG Rep. GUSSS Management Board
2018	Member	Joint Committee for the establishment of Medical School in UENR
2017	Member	Undergraduate Admission Committee
(iii) Membership of Committees/Societies		
Non-Statutory		
2020	Member	Curriculum Review Committee for NCTE document of BSc. Medical Laboratory Sciences

2020 to date	Member	School of Science Postgraduate Board
2020 to date	Member	School of Science Town and Gown Committee
2017	Member	Steering Committee on MSc. Applied Informatics.
2017	Member	Member, A Committee to develop a paper on Ghana beyond Aid
2017	Member	Initiative to conductive UENR Diagnostic Services
February 2018	Chairman	Mini Tender Opening and Evaluation Committee
Sept 2017 to Dec 2018	Member	School of Science Welfare Committee
Sept 2017 to Dec 2018	Member	School of Science Weekend Top-up Committee
Sept 2017 to Dec 2018	Chairman	Undergraduate Project Committee, School of Science
Sept 2017 to Dec 2018	Chairman	Seminar Committee, School of Science
Sept 2017 to Dec 2018	Chairman	Laboratory Management Committee, School of Science
2017 to date	Member	School of Science Postgraduate Committee
2017-2018	Member	Research Committee, School of Science
2017-2018	Representative	Examination Committee, School of Science
2017-2018	Representative	Industrial attachment committee
2017-2018	Member	Webometric Committee
2018	Member	Students' Vacation Practical Fee negotiation committee
2018	Member	Initiative to levy students to purchase a bus
2020	Chairman	Committee developing Infectious Disease Research Center
2017-to date	Member	School's appointment and promotions committee
2018	Member	School of Science Budget and Estimates Committee
2019 to date	Vice President	UTAG Local Executive Committee

2017 to 2019	Member	University; Undergraduate Admissions Committee
2019	Member	School of Science Strategic Plan Development Committee
2018	**RESOURCE MOBILIZATION: SP 63 (i)Prime Funding Sponsor:** PATH (A Washington Non-Profit Corporation) **Dates of Proposed Project Period:** January 1, 2019 – June 30, 2021. Total Project for Ghana (UHAS/UCC/UENR/KNUST) $ 1 million (ii) TyTheGha Typhoid Vaccine Project	Site PI/Coordinator
Service to the International Community		
2020	Speaker	Organization for Women in Science for Developing World
2017 to 2019	Member	Secretary as UTAG, National Executive Committee
2019 to Date	Member	Vice President as UTAG, National Executive Committee
2017-2019	Examiner	External Examiner for PhD Viva, KNUST (Daniel Sarpong)
2015-Date	Speaker	Radio and TV Advocate on Infectious Disease Control
Service to the International Community		
2019 to Date	Reviewer	Journal of Geography, Environment and Earth Science
2017-2020	Co-Supervisor	Adrian Mallory, University of Edinburgh, UK
2020	Speaker	Next Einstein Forum, an AIMS initiative
2020	Speaker	Pan Africa Community of the City of New York, USA

7.0 Selected Special Initiatives and Achievements to Enhance the Image of School of Science and UENR at Large

No.	Date	Initiative	Achievement
1	2016	International Award Winner	I was a recipient of the globally-recognized International Society for Neglected Tropical Diseases (ISNTD) Water Award in London, Russel's Square, UK. This award brought international visibility to both the School of Science, UENR and Ghana as a whole.
2	2017	Foundation Head	I successfully initiated and established the Department of Basic and Applied Biology with the support of UENR Management to increase the number of Departments in the School of Science to shore up student numbers to raise IGF. The Department has now grown into three independent departments and one research centre
3	2017	Initiated and led the development of proposals and curriculum documents Embarked on radio-to-radio visits in Sunyani and Kumasi at no cost to the University	I successfully developed proposals to NCTE and NAB for accreditation for BSc biological Science. I further saw to the successful accreditation of the programmes and enrolment of the first batch of BSc. Biological Science students. Resulted in the enrolment of 75 students at a time that the University was struggling to get students for a number of its programmes.
4	2017	Initiated and led the development of proposals and curriculum documents Embarked on radio-to-radio visits in Sunyani and Kumasi at no cost to the University	I successfully developed proposals to NCTE and NAB for accreditation. This led to the accreditation and enrolment of the first batch of BSc Medical Biodiagnostic Science students. Resulted in the enrolment of 125 students at a time that the University was struggling to get student numbers for a number of its programmes
5	2017	Initiated and led the production of the supporting documents of BSc Medical Laboratory Science to the Allied Health Professionals Council (AHPC)	I successfully secured a change of name from BSc Medical Biodiagnostic to BSc Medical Laboratory Science. This paved the way for professional accreditation from the Allied Health Professionals Council.

6	2017	Initiated and led the production of the supporting documents to obtain NCTE approval from GTEC, at a time the Council threatened to discontinuous the BSc Medical Laboratory programme.	With the help of my colleagues, former Dean of the School of Sciences and Management, I successfully obtained NCTE approval to continue running BSc Medical Laboratory Science in the School of Sciences. This has seen the programme grow from 125 to over 500 students in the BSc Medical Laboratory Science in 4 years.
7	2017	Initiated and incubated the BSc Nursing programme	With the help of my colleagues, former Dean of the School of Sciences and Management, I successfully established the BSc General Nursing programme in the School of Sciences.
8	2017	Initiated and led the establishment of the Nursing Skills Laboratory	Under my leadership and with the support of Management, an ultra-Modern Nursing skills laboratory has been built in UENR, Sunyani Campus for use by BSc General Nursing students to give the School of Science more visibility and make it a preferred training institution
9	2017	Initiated and established a Laboratory	Through my initiative, the UENR Clinical Diagnostic Laboratory was established. This laboratory has been generating IGF (from both staff and the general public) for the University since it was established. Thanks to this laboratory, medical examinations for freshmen and newly appointed staff are conducted in-house and this has been saving the University a lot of revenue yearly.
10	2018	Initiated and led the equipping of the Nursing Skills laboratory	Under my leadership and with the support of Management, the Nursing Skills laboratory was filled with state-of-the-art equipment, for use by BSc Nursing Students
11	2018	Initiated the levying of students	I successfully managed to reason with student groups such as SRC, NUGS, Course Reps, Selected Media houses and some parents to agree to a yearly levy of Gh499. Through this levy, a brand new air-conditioned 66-seater bus has been procured. This is being

			used to assist with students in-school and vacation attachment.
12	2018	Initiated the levying of students	I successfully managed to reason with student groups such as SRC, NUGS, Course Reps, Selected Media houses and some parents to agree to a yearly levy of Gh499. Through this levy, a 4-storey building will be built for the students paying this levy.
13	2018	Supervised the First MPhil Candidate, in the history of UENR	As the main supervisor, I successfully supervised the passing of the oral examination of the first MPhil Environmental Engineering Management candidates from the Dept of Energy and Environmental Engineering. The candidates were: **Miss Abigail Aninwaah Boateng** **Mr Bismark Boamah**
14	2018	Supervised the First PhD Candidate, in the history of UENR	As the main supervisor, I successfully supervised the passing of the oral examination of the first PhD Environmental Engineering Management candidate from the Dept. of Energy and Environmental Engineering. The candidate was: **Dr Kenneth Bentum Otabil**
15	2018	Initiated the signing of MoU	I successfully initiated and completed an MoU between the Department of Basic and Applied Biology (UENR) and the **Bono Regional Hospital** for the in-school attachment of BSc Nursing, BSc Medical Laboratory Science and BSc Biological Science students.
16	2018	Initiated the signing of MoU	I successfully initiated and completed an MoU between the Department of Basic and Applied Biology (UENR) and the **Sunyani Municipal Hospital** for the in-school attachment of BSc Nursing, BSc Medical Laboratory Science and BSc Biological Science students.
17	2018	Initiated the signing of MoU	I successfully initiated and completed an MoU between the Department of Basic and Applied Biology (UENR) and the **SDA Hospital Hospital** for the in-school attachment of BSc Nursing, BSc Medical Laboratory Science and BSc Biological Science students.

18	2018	Initiated the signing of MoU	I successfully initiated and completed an MoU between the Department of Basic and Applied Biology (UENR) and the **Holy Family Hospital** for the in-school attachment of BSc Nursing, BSc Medical Laboratory Science and BSc Biological Science students.
19	2018	Initiated the signing of MoU	I successfully initiated and completed an MoU between the Department of Basic and Applied Biology (UENR) and the **Duayaw Nkwata Hospital** for the in-school attachment of BSc Nursing, BSc Medical Laboratory Science and BSc Biological Science students.
20	2019	Initiated and led the production of the supporting documents to Nursing and Midwifery Council (NMC)	I successfully managed to secure Nursing and Midwifery Council Professional Accreditation with the support of other colleagues after the Council visited our premises.
21	2019	Initiated the establishment of an Ethics Review Board	With the help of my colleagues and the outgoing Dean of the School of Sciences, I successfully established the Committee for Human Research and Ethics for the School of Science and the University at large. With this introduction, both post graduate and under graduate students are able to receive the Ethical Consent for human related research.
22	2019	Resource mobilization	**Prime Funding Sponsor:** PATH/WHO MVIP-HUS RTSS Malaria Vaccine funded Project. Total Project for Ghana (UHAS/UCC/UENR/KNUST) was $1 million Project Total: $211,543.10 (KNUST & UENR), **$105,771.55 (UENR for the Project.**
23	2019	Establishment of Research Centre	With part of the over-head cost from my PATH RTSS, S Malaria project, and with the help of the outgoing Dean and Management, the Centre for Research in Applied Biology (CeRAB) was established in the School of Science.
24	2020	Initiated and led the production of the supporting documents for (for BSc Nursing) to obtain NCTE approval from GTEC, at a time when the Council	With the help of other faculty members and the University management, I managed to present the appropriate documents to the GTEC to obtain approval to continue running the BSc Nursing programme when the Commission threaten to discontinue same.

		threatened to discontinuous the programme.	
25	2020	Donation of Equipment	By leveraging on my personal networks, a fully automatic Codex F2,400 device for detecting viral/and other microbial antigen (Costing $30,000) has been donated to CeRAB, School of Science.
26	2021	Donation of Equipment	By leveraging on my personal networks, a fully automatic DNA extraction device (RAD Prep Plus) and a RT-PCR (RAD PCR-96) thermal cycler (Costing $35,000) has been donated to CeRAB, School of Science
27	2021	Resource Mobilization	With the help of my colleagues, a grant in the form of Instrumental Access was won. This led to the donations of state-of-the-art equipment, worth about $1million to CeRAB and the School of Science.
28	2021	Supervised and assisted in preparing students for Regional Quiz	With the help of other colleagues, I led a team of level 200 and level 300 BSc Nursing students to win the maiden Zonal Nursing and Midwery Quiz competition beating Catholic University, UDS and Valley View University to qualify for the grand finale.
29	2021	Supervised and assisted in preparing students for National Quiz	With the help of other colleagues, I led a team of level 200 and level 300 BSc Nursing students to place 2nd in the National Maiden Nursing and Midwery Quiz competition beating UG and losing to KNUST with ONLY a SINGLE point.
30	2022	Donation of Vehicle	By leveraging on my personal network, a brand-new pick-up will be donated to CeRAB, School of Science for sample collection. This donation is due by the 30th of June, 2022
31	2022	Organization of research dissemination Meeting	With funding from my PATH-sponsored RTSS Malaria Vaccine project, a dissemination programme was organized with high profile distinguished guests attending visiting UENR from all over the country. Both print and electronic media covered the programme extensively. This gave the School of Science and the University very high visibility

32	2022	Inauguration of Centre for Research in Applied Biology (CeRAB)	With funding from my PATH-sponsored RTSS Malaria Vaccine project, CeRAB was ceremoniously inaugurated with high profile distinguished guests attending from all over the country. This programme was widely covered by the various print and electronic media. This gave the School of Science and the University very high visibility

REFEREE: I will produce on request.