



Pan African University

Vision

The aim of Pan African University is to develop institutions of excellence in science, technology, innovation, social sciences and governance, which would constitute the bedrock for an Africa pool of higher education and research

Mission and Scope of PAU

To realize the strategic vision, six missions have been assigned to the PAU:

- Develop continental-wide and world-class graduate and post-graduate programmes in science, technology, innovation, human and social sciences
- Stimulate collaborative, internationally competitive, cutting-edge fundamental and development oriented research, in areas having a direct bearing on the technical, economic and social development of Africa
- Enhance the mobility of students, lecturers, researchers and administrative staff between African universities to improve on teaching, leadership, and collaborative research
- Contribute to the capacity building of present and future Africa Union stakeholders
- Enhance the attractiveness of African higher education and research institutions for effective development and retention of young African talent, while attracting the best intellectual capital from across the globe, including the African diaspora
- Invigorate dynamic and productive partnership with public and private sectors

Pan African University/Universite Pan Africaine

The advent of the African Union in 2000 as by product of the defunct Organization of African Unity witnessed a rethinking of the Africa's development agenda and strategy, focusing more on the acceleration of the continent's political and economic integration. At the center of new continental priorities is the promotion of research in all fields, in particular science and technology. The Assembly of Heads of State and Government of the African Union therefore made a decision to establish the Pan African University (PAU) in 2010, and on 14 December 2011, the AUC launched PAU as a flagship continental initiative. The University's Statute was adopted by the Assembly in January 2013.

The PAU was inspired and driven by major policy frameworks of the AUC, including the Vision of the African Union, the Second Decade of Education, and the Consolidated Plan of Action for Science and Technology. Within the same policy frameworks, PAU is embedded as a major instrument of the implementation of Agenda 2063, the Science, Technology innovation Strategy for Africa(STISA 2024),the Plan of Action for the Second Decade of Education for Africa which will give way to the African Continental Education Strategy; as well as the African Common Position on post 2015 Sustainable Development Goals.

Mission of the PAU

PAU has the mission to strengthen African Higher education and research, address quality, intra-African collaboration, innovation and links with industry and social sector. PAU is also a response to the quest to produce a critical mass of high quality intellectual capital for Africa, and make African higher education and research attractive, globally competitive, and locally relevant , as well as serve as a model for quality

education. PAU is a new generation university constituted from educational and research structures already in operation underlay with the idea of establishing world-class research institutes to provide quality education and research, attract leadership and talent, and promote international cooperation. PAU uses a network of such existing structures of five flagship institutes in critical academic areas addressing Africa's cross-cutting developmental issues, challenges and opportunities, mainly in Governance, regional integration water energy, science and technology, health, agriculture, etc.

PAU Structure and Governance

PAU operates under the direction of the AUC Department of Human Resources, Science and Technology, as one managed by a singular Rectorate, with a Senate supervised by a council. The University focuses on five thematic areas, namely: Basic Sciences, Technology and innovation; Life and Earth Sciences(including Health and Agriculture), Governance , Humanities and Social Sciences; Energy and Water Sciences(including Climate Change); and Space Sciences. The thematic areas are assigned to institute hosted by existing Universities of excellence across Africa's five geographic regions as follows:

1. The Institute for Basic Sciences, Technology and Innovation(PAUSTI), hosted by the Jomo Kenyatta University of Agriculture and Technology in Kenya(Eastern Africa)
2. The Institute for Life and Earth Sciences(including Health and Agriculture(PAULESI), hosted by the University of Ibadan in Nigeria(Western Africa)
3. The Institute for Governance, Humanities and Social Sciences(PAUGHSS), hosted by the University of Yaounde II in Cameroon(Central Africa)



4. The Institute for Water and Energy Sciences(including Climate Change(PAUWES) hosted by the University of Tlemcen in Algeria (Northern Africa)
5. The Institute for Space Sciences (PAUSS) to be hosted by a University in the republic of South Africa(Southern Africa).

Each PAU institute is headed by a Director, Staff of PAU Institutes include academic and administrative staff, who work within Departments and other units related to teaching, research extension activities and administration. Each of the related Institute has a Board which is responsible for the supervision of the academic, administrative, and financial management of the institute.

Administration requirements to Masters of Science programs
An applicant should satisfy any of the following requirements:

- i. Hold a minimum of Upper Second Class Honours of a Bachelors degree in the relevant field from a recognized University.
- ii. Any other qualification considered to be equivalent to(i) by the PAU Institute.

Duration

For regular students, the Master of Science course shall extend over a minimum period of eighteen (18) months (one and half year) and not more than twenty-four(24) months(two years).

Structure

- i. The Master of Science shall be done by course work, examination and thesis.
- ii. A candidate shall take mandatory core course units and elective course units, as well as participate in seminars and

internships if required in the curriculum.

- iii. Except for the science courses, the second year of study shall be devoted to carrying out research, participating in seminars, and presentation of thesis.

General Regulation and Policies

Rules and regulation which apply to all PAU students include student discipline, examination regulations, extenuating circumstances, academic appeals and health and safety policy. Queries relating to the general regulations and procedures affecting students should be directed to the Academic Support Office. Students are expected to display courteous behaviour and discipline at all times.

Matriculation and Orientation

All new students will be required to officially register at specific PAU Institute as part of a mandatory orientation program. A schedule of matriculation and orientation, outlining various activities, will be issued to each student at the time of registration.

Students admitted to various programs at PAU will also be register in each academic year of study at the beginning of the semester. Any student who fails to register will be considered to have withdrawn. Such a student will lose all privileges including the scholarship. It is the responsibility of the student to confirm the exact dates for registration during each year.

Foreword

This year book comprises of photo album of sponsors, top management and the graduands of the **fourth set of Ph. D students** of the Pan African University Institute for Life and Earth Sciences (including Health and Agriculture). A total of twenty-four PhD students are graduating on 17th November 2020 in a joint graduation ceremony with the University of Ibadan, the host University. This is a phenomenon and a huge congratulations to the graduands.

The twenty-four students are graduating from four programmes, viz; nine from Reproductive Health Sciences, six each from Environmental Management and Geosciences and three from the Plant Breeding Programme. A total of eight of them hails from the host country, Nigeria, six of them are from Ethiopia, three of them are from Rwanda, two are from Ghana and one each from Uganda, Tanzania, Kenya, Egypt and Cameroon.

These graduating students have worked tirelessly to excel and achieve this feat in their career and we are so delighted with their achievements. They have also been found worthy in character and learning and PAULESI is so proud of them. For some of these graduands, it was the first time they were stepping out of the borders of their home countries while for some, it was the first time experience of being out of the reach of parental guidance and families. Bearing in mind the diverse culture and traditions across the continent, we believe

that the period they have spent in Nigeria studying was worth the while as they have also seized the opportunity to enhance integration and networking with one another making them a round person. We believe that all their fond memories will continue even after departure to their various countries and globally. We also believe that they will continue to relate with their colleagues via the PAU Alumni association.

The opportunity to study through the PAU has been made possible from the culmination of the decision of the Assembly of Heads of State and Governments of the African Union to create the Pan African University (EX.CL/579(XVII)), having an Institute located in each of the five regions of Africa, with each having a specific thematic mandate in Kampala, Uganda in 2009. It is hoped that the vision will continue to be supported by the African Union Commission, the host countries and partners so as to continue to produce graduates of highest level and quality, skilled and knowledgeable in technical and scientific know-how, and to contribute to Africa's capacity building in human resources.

We share in the joy of the graduates and wish everyone of - you greater heights in your career. It is our prayers that God will continue to shower His blessings on you. Remember to continue to nurture quality and exemplify excellence wherever you are.

We celebrate you!

Prof. Esther Titilayo Akinlabi
Director, PAULESI



His Excellency
MATAMELA CYRIL RAMAPHOSA
*President, Republic of South Africa,
Chairperson, African Union (AU) and visitor, PAN African University (PAU)*



MOUSSA FAKI MAHAMAT
*Chairperson, African Union Commission,
Addis Ababa*



His Excellency
MUHAMMADU BUHARI GCFR
President, Federal Republic of Nigeria



H. E. PROF. SARAH AYANG AGBOR
*Commissioner, Human Resources Sciences and
Technology, African Union Commission (AUC), Addis Ababa, Ethiopia*



GEOFFREY ONYEAMA
Hon. Minister of Foreign Affairs, Nigeria



ADAMU ADAMU
Hon. Minister of Education, Nigeria



CHUKWUEMEKA NWAJIUBA
Hon. Minister of State (Education)



DR. MAHAMA OUEDRAOGO
*Director Human Resources, Science and Technology,
African Union Committee (AUC)*



PROFESSOR KASSA BELAY
Rector, Pan African University



PROFESSOR A. I. OLAYINKA, FAS
*Vice Chancellor
University of Ibadan*



PROFESSOR ESTHER T. AKINLABI

Director

*Pan African University, Life and Earth Sciences Institute (PAULESI)
University of Ibadan*

DIRECTORS OF PAN AFRICAN UNIVERSITY INSTITUTES



Prof. Gabriel Magoma

*Director
Pan African University Institute for Basic Sciences,
Technology and Innovation, Jomo Kenyatta University of Agriculture
and Technology, Juja, Kenya
PAUSTI*



Professor Esther T. Akinlabi

*Director
Pan African University Institute for Life and Earth Sciences
(Including Health and Agriculture), University of Ibadan, Nigeria
PAULESI*



Prof. Elizabeth Sarange Abenga

*Director
Pan African University Institute for Governance,
Human and Social Sciences,
University of Yaounde II, Soa Cameroon
PAUGHSS*



Prof. Abdellatif Zerga

*Director
Pan African University Institute of Water and Energy Sciences
(including Climate Change), Abou Bekr Belkaid University of
Tlemcen, Algeria
PAUWES*

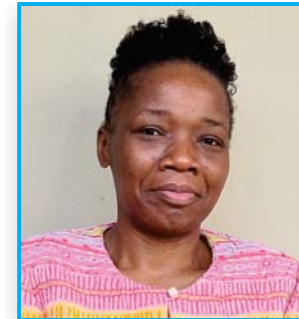
PROJECTS MANAGEMENT UNIT PAULESI



Dr. M. A. Oladunjoye
Deputy Director



Professor Esther T. Akinlabi
*Director, Pan African University,
Life and Earth Sciences Institute
(PAULESI)*



Tchana C. Mbassana
Finance Officer, PAULESI



Morounfoluwa O. Oyebola
*Principal Assistant Registrar/Admin.
Secretary, PAULESI*



Oghenejakpo Daniel
Web Master



R. G. Ebong
Procurement Officer, PAULESI

Programme/Course Coordinators



DR O. J. TAIWO
(Programme Coordinator -
Environmental Management)



PROF A. OLADOKUN
(Programme Coordinator -
Reproductive Health Sciences)



PROF. J. A. FAGBAYIDE
(Programme Coordinator -
Plant Breeding)



PROF. M. A. SONIBARE
(Programme Coordinator - Medicinal
Plant Research and Drug Development)



PROF. O. A. ADEGBESAN
(Programme Coordinator - Sports
Management and Policy Development)



DR. T. O. OMOBOWALE
(Programme Coordinator -
Veterinary Medicine)



PROF. O. A. OKUNLOLA
(Programme Coordinator -
Geosciences)



PROF. R. SANUSI
(Course Coordinator -
Languages)



PROF. V. O. EDO
(Course Coordinator - General History
of Africa, Human Rights & Gender)

The Graduands





ENVIRONMENTAL MANAGEMENT

Graduation Message to the Graduating Students of the Environmental Management Programme

On behalf of the entire faculty of the Environmental Management Programme of the Pan-African University, Life and Earth Sciences Institute (Including Health and Agriculture), I am so happy to share in your graduation excitement as I am so proud of your achievements. You have worked hard to achieve your goals and now you are on your way to seek new vistas, therefore, embrace life with passion and keep reaching for the stars. I am confident that there is no limit to what you can do if you keep believing in yourselves. I hope you feel great about what you have accomplished, and that you will continue to be people who show up day in and day out for those things that are worthwhile and important in life. This graduation will only be the first of many proud and successful moments for you and I cannot wait to see you occupying top managerial environmental positions at national,

regional and global arenas. I sincerely apologize that you have had to let go of the graduation ceremony and celebration that you have been looking forward to since you were admitted into the Environmental Management Programme due to the social distancing policy occasioned by the COVID-19 pandemic. I wish it could have been different, nevertheless, we are still so proud of you and what you have achieved. I bless you with all that you need to earn many more achievements and feats in life ahead. Congratulations and well done. However, remember that whatever you do, never stop learning, exploring, growing and challenging yourself to be your best. You shall always walk the glory road. Happy Graduation.

Dr. O. J. Taiwo
Programme Coordinator



1. PERSONAL INFORMATION

- Name: **KAPINGA, Agnes** Kapinga
- Date of Birth: 30/04/ 1990
- Place of Birth: Mbinga, Ruvuma, Tanzania
- Gender: Female
- Marital Status: Single
- Nationality: Tanzanian
- Contact Department: **Ph.D. Environmental Management**, Faculty of Agriculture and Environmental Engineering, University of Ibadan, Ibadan, Nigeria.

2. QUALIFICATIONS

- ♣ Ph.D. **Environmental Management** at PAULESI, 2016-2019.
- ♣ MSc. Environmental and Natural Resource Economics at Sokoine University of Agriculture, 2013-2015.
- ♣ BSc. Environmental Science and Management at Sokoine University of Agriculture, 2010- 2013.
- ♣ High School education at Ifunda Technical Secondary school, 2008-2010.

3. ACADEMIC/WORK EXPERIENCE

- ♣ **A Visiting lecturer at Department of Environmental Engineering and Management, University of Dodoma, Tanzania (2020-to date)**
- ♣ Research Assistant, Faculty of Forestry and Nature Conservation, Sokoine University of Agriculture, 2014-2016



- ♣ Climatology Assistant at Kilimanjaro International Airport, **July Aug 2012 – October 2012**

4. TITLE OF RESEARCH WORK

“Application of Bio-Cultural and Asset-Based Approaches to Sustainable Utilization of Catchment Resources in Tanzania ”

5. PUBLICATIONS

- ♣ Kapinga, A., Ogunkoya O., Sangodoyin, A., Meta., P and Begashe, B (2018). Combining Biocultural and Asset Based Approach Towards Sustainable Utilization of catchment resources, *American Journal of Bioscience* 6(1):15-22
- ♣ Kapinga, A.G., Sangodoyin, A. and Ogunkoya, O.O. (2019). Traditional Utilization of Aquatic Resources in Eastern Arc Catchments of Tanzania. *Natural Resources*, 10, 153-178.
- ♣ Kapinga, A.G, Sangodoyin, A., Ogunkoya, O.O., Sulley, Mbegallo, J.F., and Madamombe G.T. (2019). The Shift of Traditional Agro-ecosystems in the Eastern Arc Catchments of Tanzania. *Agricultural Sciences* (10):1343-1358.
- ♣ Kapinga, A.G.(2015). Impacts of REDD+ activities to rural communities: livelihood analysis of Kondoa advancing REDD+ in Kolo Hills Forests (ARKFor) Project in Tanzania. Present at www.sua.ac.tz.

6. OTHERSKILLS:

- ♣ Computing Skills: Proficient in Microsoft Word, Excel, Access, and PowerPoint
- ♣ Data analytical tools : SPSS, STATA and R

7. LANGUAGE PROFICIENCY: Swahili & English, and Beginner in French.

8. CONTACT DETAILS

- Mobile number: +234 (0) 70502072 15 or +255 (0) 683794973
- E-mail: agygisys@gmail.com
- Physical address:
 - Nigeria: Olatunde Hall, Ajibode Road, University of Ibadan, Oyo State, Nigeria
 - Tanzania: Department of Environmental Engineering and Management, University of Dodoma, Tanzania.



1. Personal information

- i. Name (Surname last – in bold): Blessing Omovigho **ADEBO**
- ii. Date of birth: 15th March, 1989
- iii. Place of birth: Benin City, Edo State
- iv. Gender: Female
- v. Marital status: Married
- vi. Nationality: Nigerian
- vii. Contact department: Environmental Management

2. Qualifications: B.Agric. (Benin), M.Sc. Soil Science (Ibadan)

3. Academic/Work experience

Academic: Ph.D, Pan African University, Institute of Life and Earth Sciences: *In view*;

M.Sc. (Soil Science), University of Ibadan: 2013-2015;

B.Agric (Soil Science), University of Benin: 2005-2010.

Work: Director, AvecBrio Consult: 2018-present;
Tutor, Young Black entrepreneur: 2015-2017.

4. Title of research work: Potential of some agricultural wastes in soil quality management in farm settlements in Ibadan, Nigeria

5. Publications:

- i) Adebo, B. O., Aweto, A. O., & Ogedengbe, K. (2020). Assessment of soil quality under different agricultural land use systems: A case study of the Ibadan farm settlement. *International Journal of Plant & Soil Science*, 32(4), 89-104. <https://doi.org/10.9734/ijpss/2020/v32i430275>
- ii) Adebo, B. O., Aweto, A. O., & Ogedengbe, K. (2020). Variations in soil properties and okra yield as influenced by different types and forms of organic amendments. *Journal of Agriculture and Ecology Research International*, 21(4), 58-67. <https://doi.org/10.9734/jaeri/2020/v21i430141>

6. Other Skills: Communication, Microsoft proficiency; data analysis.

7. Language proficiency: English

8. Contact details

- i. Mobile number
 - Nigeria Number - +2348063702608
 - Home country -Ditto
- ii. Email –blessingoadebo@gmail.com
- iii. Physical address
 - Nigeria: House 6, Area 2, Providence Estate, Eleyele, Ibadan, Oyo State.
 - Home country – Ditto.



1. Personal information

- i. Name: Amare Sisay **TEFERA**
- ii. Date of birth: **27/02/1987**
- iii. Place of birth: **Adigrat**
- iv. Gender: **Male**
- v. Marital status: **Married**
- vi. Nationality: **Ethiopia**
- vii. Contact department: **Environmental Management (PhD)**

2. Qualifications: MSc. In Geo-information; BSc in Production Forestry

3. Academic/ Work experience:

CURRENT POSITION

Current Position: Lecturer in the Department of Natural Resources, College of Agriculture and Environmental Science

Employer: Adigrat University, Adigrat, Tigray, Ethiopia

Employment: Since September 2016

PREVIOUS WORK EXPERIENCE

Earlier Employment: Lecturer in Wondo Genet College of Forestry and Natural Resources, Hawassa University, Hawassa, Ethiopia

Duration of Employment: October 2008 to September 2016

4. Title of research work: Drought Risk Assessment and Management in Tigray Region, Northern Ethiopia

5. Publications

Tefera, AS, J.O. Ayoade, N.J. Bello. (2020). *Analyses of the relationship between drought occurrences and their causal factors in Tigray Region, Northern Ethiopia*. Tellus A: Dynamic Meteorology and Oceanography. 72(1): 1-8 (doi: <https://doi.org/10.1080/16000870.2020.1718937>)

Tefera, AS, J.O. Ayoade, N.J. Bello. (2019). *Comparative analyses of SPI and SPEI as drought assessment tools in Tigray Region, Northern Ethiopia*. SN Appl. Sci. 1:1265 (doi: <https://doi.org/10.1007/s42452-019-1326-2>)

Tefera, AS, J.O. Ayoade, N.J. Bello. (2019). *Analyses of the Spatial Pattern of Drought Risk in Tigray Region, Northern Ethiopia*. J. Appl. Sci. Environ. Manage. 23 (7):1265 - 1272 (doi: <https://dx.doi.org/10.4314/jasem.v23i7.12>)

Tefera, AS, J.O. Ayoade, N.J. Bello. (2019). *Drought Occurrence Pattern in Tigray Region, Northern Ethiopia*. J. Appl. Sci. Environ. Manage. 23 (7): 1341 - 1348 (doi: <https://dx.doi.org/10.4314/jasem.v23i7.23>)

6. Other Skills

7. Language proficiency: Excellent speaking, listening, reading and writing skills

8. Contact details

- i. Mobile number
 - Nigeria Number:
 - Home country: **+251 0904 868847**
- ii. Email: c.amaresisay@gmail.com
- iii. Physical address
 - Nigeria:
 - Home country: **Adigrat, Tigray, Ethiopia**



1. Personal information

- i. Name : Molly Achieng Ochuka
- ii. Date of birth_ 13/9/1986
- iii. Place of birth_ Awasi, Kisumu, Kenya.
- iv. Gender _ Female
- v. Marital status_ Single
- vi. Nationality_ Kenyan
- vii. Contact department_ Geography Department

2. Qualifications

Ph.D. Environmental Management at PAULESI, 2016-2019.
MSc. Environmental Management at PAULESI, 2013-2015
B.A Geography at Moi University

3. Academic/Work experience:

Part time Lecturer at Moi University
Junior Consultant at GIZ Kenya
Research Assistant at Kenya Institute for Public Policy Research and Analysis.

4. Title of research work

“Eutrophication and Its Management in Lake Baringo Basin, Baringo County, Kenya”

5. Publications:

Ochuka, M., Ikporukpo, C., Mijinyawa, Y. and Ogendi, G. (2019) Land Use/Land Cover Dynamics and Anthropogenic Driving Factors in Lake Baringo Catchment, Rift Valley, Kenya. *Natural Resources*, 10, 367-389

M.A. Ochuka, C.O. Ikporukpo, G.M. Ogendi, Y. Mijinyawa, Temporal Variations in Nutrients Loading in Lake Baringo Basin, Kenya. (2019) *Journal of Earth Sciences & Environmental Studies* 4(4) DOI: 10.25177/JESES.4.4.RA.550.

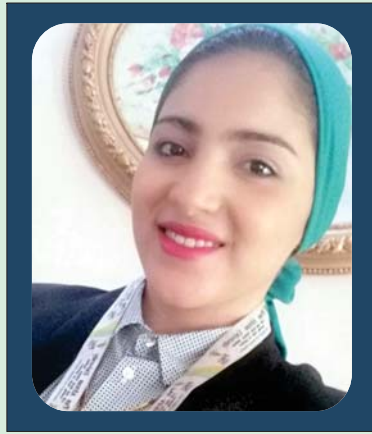
Ochuka M, Ikporukpo C. O, Ogendi G. M, Mijinyawa J. Y. Spatial Variability in Physico Chemical Parameters of Water in Lake Baringo Basin, Kenya. *Curr World Environ* 2019; 14(3).

6. Other Skills: Environmental Impact Assessment Expert, GIS Analyst and computing skills.

7. Language proficiency: English, Kiswahili and Basic in French

8. Contact details

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Nigeria Number: + 234 (0) 9064373047
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- iii. Physical address
Nigeria: Akande Adebayo Hall, Abode Road, University of Ibadan, Nigeria.
Home country: Akwanya. Awasi town, Kisumu County, Kenya,



1. Personal information

- i. Name Asmaa Nasser Mohamed **Eid**
- ii. Date of birth 20/07/1992
- iii. Place of birth: Giza
- iv. Gender: Female
- v. Marital status: Married
- vi. Nationality: Egyptian
- vii. Contact department: Environmental management

2. Qualifications Ph.D. Environmental management

3. Academic/ Work experience

4. Title of research work “Environmental Monitoring and Management of Land Use and Land Cover Change in the Protected Coastal and Inland Wetlands of El-Burullus and Wadi El-Rayan Lakes, Egypt”

5. Publications:

1. Nasser Mohamed Eid, A., Olatubara, C. O., Ewemoje, T. A., Farouk, H., & El-Hennawy, M. T. (2020). Inland wetland time-series digital change detection based on SAVI and NDWI indices: Wadi El-Rayan lakes, Egypt. Remote Sensing Applications: Society and Environment, 100347.
2. Nasser Mohamed Eid, A., Olatubara, C. O., Ewemoje, T. A., Farouk, H., & El-Hennawy, M. T. (2020). Coastal wetland vegetation features and digital Change Detection Mapping based on remotely sensed imagery: El-Burullus Lake, Egypt. International Journal of Soil and Water Conservation, 8 (1), 66-79.

6. Language proficiency: Arabic and English

7. Contact details

- i. Mobile number +201117180156
 - Nigeria Number - +2348117620810
- ii. Email – asmaaa.an@gmail.com
- iii. Physical address
 - Nigeria: Akande Hall, UI, Ibadan
 - Home country: Villa 18, Extension of 15 May City, Section 10, Cairo, Egypt.



1. Personal information

- i. Name : Toyin Aderonke **Oladele**
- ii. Date of birth: 16-12-1980
- iii. Place of birth: Ibadan
- iv. Gender: Female
- v. Marital status: Married
- vi. Nationality: Nigerian
- vii. Contact department: Environmental Management

2. Qualifications : B.Agric. Tech., M.Sc., PhD

3. Academic/ Work experience

- Federal University of Technology, (FUTA) Akure, Nigeria.
- University of Agricultural Sciences, College of Agriculture, Dharwad, India.
- Pan African University Institute of Life and Earth Sciences, University of Ibadan.

4. Title of research work: Socio Economic Influence of the Livelihoods of Forest Based Communities in Omo Forest Reserve, Ogun State.

5. Publications

Oladele Toyin A: Water Resource Management for Sustainable Livelihoods; Proceedings of Nat.l Sem. on Current Concerns in Indian Agriculture

Karnataka University, Dharwad; UAG SAP Press; c2013.31p.

Oladele Toyin A: Trends in Production and Export of Wheat: India In The World Market; Proceedings of the 27th Nat.l Conference on Agricultural Marketing: University of Agricultural Sciences Dharwad; 72-73p

Oladele, Toyin Aderonke and KenAmara, Denis Magnus (2015). Trends in Production and Export of Wheat in India. *International Res. J. Agric. Eco. & Stat.*, **6**(1): 189-192.

Oladele, Toyin Aderonke, Sridhar, M.K.C and Raji O.A. Socioeconomic and Lifestyle Assessment of Selected Forest Based Communities in Omo Biosphere Reserve, Ogun State, Nigeria. *J. Appl. Sci. Environ. Manage.* Vol. 24 (3) :403-409 March 2020 DOI:<https://dx.doi.org/10.4314/jasem.v24i3.1>

Oladele, Toyin Aderonke, Sridhar, M.K.C and Raji O.A. Assessment of Current Livelihoods of the Communities in Ogun Forest Reserve. *IOSR Journal of Environmental Science, Toxicology and Food Technology (IOSR-JESTFT)* Volume 14, Issue 3 Ser. II (March. 2020), PP 01-11 www.iosrjournals.org

6. Other Skills

Use of MS Office & Statistical software Packages (both for analysis and Reporting)

7. Language proficiency: English Language and Yoruba

8. Contact details

- i. Mobile number :
 - Nigeria Number - +234 803 427 6641
 - Home country - +234 803 427 6641
- ii. Email – toyaderon.2013@Gmail.com
- iii. Physical address Nigeria: 1, Peace Park, Quarry Idi-Ishin Oluyole Ext. Ibadan, Oyo State, Nigeria.



GEOSCIENCES

CONGRATULATORY MESSAGE

On behalf of the staff of the Geology Department hosting the PAULESI Geoscience Program, we heartily congratulate all our Graduating M.Sc and PH.D Petroleum Geoscience and Mineral exploration students.

It has been years of hard work, diligence and painstaking study. No doubt you have availed yourself very well, both academically and morally. We are very proud of you and we wish you well as you prepare to impact the world in your various countries with the knowledge acquired.

Congratulations!

Prof. Olugbenga Okunlola
Geosciences Programme Coordinator



1. Personal information

- i. Name (Surname last – in bold): **MARVINE NZEPANG TANKWA**
- ii. Date of birth: 11/02/1990
- iii. Place of birth: Tombel
- iv. Gender: Female
- v. Marital status: Married
- vi. Nationality: Cameroonian
- vii. Contact department: Department of Geology, University of Ibadan.

2. Qualifications: Bsc, Msc

3. Academic/ Work experience: PhD student / Database Manager at Mississauga Mining and Exploration

4. Title of research work: Petrology and geochronology of greenstones belt and supracrustal rocks in Messondo area, Nyong group, SW cameroon, implications for Fe, Cu and Au exploration.

5. Publications:

- Nzepang Tankwa, M., Ganno, S., Okunlola, O.A., Tanko Njiosseu, E.L., Soh Tamehe, L., Kamguia Woguia, B., Motto Mbita, A.S., Nzenti, J.P., 2020. Petrogenesis and tectonic setting of the Paleoproterozoic Kelle Bidjoka iron formations, Nyong Group greenstones belt, southwestern Cameroon: constraints from petrology, geochemistry and LA-ICP-MS zircon U-Pb geochronology. *International Geology Review* <https://doi.org/10.1080/00206814.2020.1793423>.
- Nzepang Tankwa, M., Okunlola, O.A., Ganno, S., Kouankap Nono, G.D., Moudioh, C., Fossi, D.H., Nzenti, J.P. Geochemistry and petrogenesis of Fe-Cu sulphide-Au bearing metamorphosed mafic to ultramafic rocks and associated metasediments of Messondo area, Ntem Complex, Southwestern Cameroon. *Ore Geology Reviews* (*Under Review*).

6. Other Skills: Geological and Mineral Exploration; Database Management

7. Language proficiency: French (excellent speaking, reading, writing); English (very good speaking, reading, writing)

8. Contact details

- i. Mobile number
 - Nigeria Number: +2348173029911
 - Home country: +237676041833
- ii. Email: marvineasean@yahoo.fr
- iii. Physical address
 - Nigeria: House 2, Road 203, Oba Abimbola, Agodi GRA, Agodi, Ibadan, Oyo state.
 - Home country: Cité Verte, Yaoundé, Cameroon. P.O. Box: 3870, Yaoundé, Cameroon.



1. Personal information

- i. Name – **TOMBRA SUSAN AKANA**
- ii. Date of birth- **06/03/1984**
- iii. Place of birth- **KANO STATE**
- iv. Gender- **FEMALE**
- v. Marital status- **MARRIED**
- vi. Nationality-**NIGERIAN**
- vii. Contact department- **DEPARTMENT OF GEOLOGY, UNIVERSITY OF IBADAN.**

2. Qualifications – **BSc. GEOLOGY, MSc. PETROLUEM GEOLOGY.**

3. Academic/ Work experience- **2008 -DATE- LECTURER, NIGER DELTA UNIVERSITY.**

4. Title of research work - **GEOBODY MAPPING, CHANNEL MIGRATION PATTERNS AND DEPOSITIONAL SETTINGS OF SEDIMENTS IN THE MODERN NIGER DELTA BASIN.**

5. Publications

1. Akana, T.S and Adeigbe, O.C (2019) *Channel characteristics and planform dynamics of the lower Niger River, Niger Delta Basin (1985–2015)*. Geology, Geophysics and Environment. Vol. 45 (4): 291–304.
2. Akana, T.S and Adeigbe, O.C (2019) *Geometric characterization of Point Bar Deposits in the lower River Niger, Niger Delta*. Journal of Earth Sciences and Geotechnical Engineering, Vol.9(2), pp. 13-21.
3. Akana, T.S and Adeigbe, O.C (2019) *Channel Planform Dynamics along Distributary Channels: Case Study of the River Nun a Major Distributary of the River Niger*. Journal of Geography, Environment and Earth Science International. Vol 22(1): pp.1-11.

6. Other Skills- **COOKING, SWIMMING.**

7. Language proficiency – **ENGLISH**

8. Contact details

- i. Mobile number
 - Nigeria Number - +2348038660115
- ii. Email – brossatombra@gmail.com

Physical address - Nigeria- #10 'A' CLOSE, 21 ROAD, 2ND AVENUE, FEDERAL HOUSING ESTATE RUMUEME MILE 4, PORT HARCOURT, RIVER STATE.



1. Personal information

- i. Name: Dorcas Sekemi **Eyinla**
- ii. Date of birth: January 22
- iii. Place of birth: Nigeria
- iv. Gender: Female
- v. Marital status: Married
- vi. Nationality: Nigerian
- vii. Contact department: Geology

2. Qualifications:

Pan African University	PhD Petroleum Geosciences	2017-2020
University of Ibadan, Nigeria	Msc. Applied Geophysics	2013-2015
Adekunle Ajasin University, Nigeria	B.Sc. Geophysics	2007-2010

3. Academic/ Work experience

2019-2020: VISITING RESEARCHER

Department of Geology, University of Aberdeen, Aberdeen, UK.

2013 till date: UNIVERSITY LECTURING AND RESEARCH

Adekunle Ajasin University, Akungba Akoko, Nigeria

2005-2007: HIGH SCHOOL MATHEMATICS TEACHER

Oxford Model College, Owo, Nigeria

4. **Title of research work:** Impacts of Geomechanical Controls on Fracture System Stimulation in Pre-Stressed Rocks from Niger Delta Basin

5. **Publications:** 12 scientific publications

https://www.researchgate.net/profile/Dorcas_Eyinla/publications

<http://scholar.google.com/citations?user=7x70FrUAAAAJ&hl=en>

6. **Other Skills:** Music, writing, drama, and public speaking

5. **Language proficiency:** English

6. **Contact details**

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- Nigeria Number: +2348032771621
- Home country: +2348032771621

- ii. Email: eyinladorcas@yahoo.com

- iii. Physical address

- Nigeria: 51 Aralepo Street, Owo, Nigeria
- Home country: Block AH Plot 6, new Ijebu Owo community layout, Ikare /Owo express road, Owo Nigeria



1. Personal information

- i. Name: Janet Olaide Ayorinde
- ii. Date of birth: 8th December 1991
- iii. Place of birth: Ibadan
- iv. Gender: Female
- v. Marital status: Married
- vi. Nationality: Nigerian
- vii. Contact department: Department of Geology University of Ibadan.

2. Qualifications:

- i. 2017-2020. PhD in Petroleum Geoscience. Institute of Life and Earth sciences (Including Health and Agriculture) - University of Ibadan, Ibadan, Nigeria
- ii. 2014 - 2016. MSc in Petroleum Geoscience. Pan African University, Institute of Life and Earth sciences (Including Health and Agriculture) - University of Ibadan, Ibadan, Nigeria
- iii. 2008- 2012. BSc (Hons) in Geology University of Ibadan, Ibadan, Nigeria

3. Academic/ Work experience

- i. Lecturer (Assistant Lecturer)
University of Ilorin, Ilorin, Kwara State, Nigeria
- ii. Visiting Scholar Colorado School of Mines, Center for Rock Abuse, Colorado, USA
- iii. Research Intern
ExxonMobil Cooperation, Lagos State, Nigeria
- iv. Research Intern
Chevron Nigeria Limited, 2 chevron drive Lekki Lagos Nigeria

4. Title of research work: The effect of mineralogy, grain size, and fluids on Nuclear

Magnetic Resonance relaxation time using standard materials and shales from Niger Delta

5. Publications

- i. Osinowo, O. O., Ayorinde, J. O., Nwankwo, C. P., Ekeng, O. M., & Taiwo, O. B. (2017): Reservoir description and characterization of Eni field Offshore Niger Delta, southern Nigeria. *Journal of Petroleum Exploration and Production Technology*, 1-17. Published by Springer International Publishing AG. Available online at <https://link.springer.com/article/10.1007/s13202-017-0402-7>.
- ii. Ayorinde, J.O, Adeigbe, O., & Emmanuel, S. (2018): Petrography and Biostratigraphic Studies of Campano-Maastrichtian Sequences of Anambra Basin Southeastern Nigeria. *Current Journal of Applied Science and Technology*, 27(2), 1–24. Published by Science domain. Available online at doi:10.9734/cjast/2018/39413.
- iii. Ayorinde, J. O., Osinowo, O. O., & Nwankwo, P. (2019): Integrated Approach to Reserve Estimation and Reservoir Simulation of ENI Offshore Field, in Niger Delta Nigeria. *Current Journal of Applied Science and Technology*, 38(6), 1-14. Published by Science domain. Available online at <https://doi.org/10.9734/cjast/2019/v38i630425>
- iv. Ayorinde, J.O., Ehinola, O. and Durogbitan, A. (2020): The Application of 4D Seismic in Niger Delta Basin: A Review. *Advances in Physics Theories and Applications*, 83,25-30. Published by International Institute for Science, Technology and Education (IISTE). Available online at <https://doi.org/10.7176/APTA/83-05>.
- v. Osuya, N.E., and Ayorinde, J. O. (2020): Hydrocarbon Reservoir Characterization of 'UDI' Field, Western Niger Delta. *Journal of Geography, Environment and Earth Science International*, 24(2), 12-21. Published by Science domain. Available online at <https://doi.org/10.9734/jgeesi/2020/v24i230198>
- vi. Ayorinde, J.O., Ehinola, O. and Durogbitan, A. (2020). A Review of the Application of Nuclear Magnetic Resonance in Petroleum Industry. *International Journal of Geosciences*, 11, 145- 169. Published by Scientific Research. Available online at <https://doi.org/10.4236/ijg.2020.114009>
- vii. Ayorinde J. O., Livo K., Prasad M., Ehinola O., Durogbitan A. (2020). Laboratory study of the effect of grain size, mineralogy and fluid on Nuclear Magnetic Resonance T₂ distribution. Extended abstract in 3rd CAJG conference proceedings, 2nd to 5th November, Tunisia.

6. Language proficiency

English- Excellent in writing, reading and speaking

7. Contact details

- i. Mobile number: +2347066537587
- ii. Email: lovelyjane91@yahoo.com
- iii. Physical address: No 9 Road C Balogun Estate Iyana Agbala, Ibadan. Oyo state Nigeria.



1. Personal information

- i. Name (Surname last – in bold): Jean de Dieu **Ndikumana**
- ii. Date of birth: 06 July 1987
- iii. Place of birth: Huye/Ngoma
- iv. Gender: Male
- v. Marital status: Married
- vi. Nationality: Rwandese
- vii. Contact department

2. Qualifications: BSc, Hon; MSc; Ph.D.

3. Academic/ Work experience: Gemmologist at Rwanda Mines, Petroleum and Gas Board.

4. Title of research work: Geological and Geochemical studies of Pegmatite in relation to Niobium-Tantalum and Tin mineralisation in Gitarama-Gatumba and Musha-Ntunga Areas, Rwanda.

5. Publications:

- Ndikumana, J., Nguimatsia, D.F.W., Bolarinwa, A.T. and Nambaje, C., 2018. A perspective view of origins and occurrences of Niobium-Tantalum, Tin and Tungsten mineralisation in Rwanda: A review

paper. Int. Res. J. Earth Sci. Vol.6(1),20-29.

- Ndikumana, J., Bolarinwa, A.T. and Adeyemi, G.O., 2019. Li, Cs, Ta and Rb enrichment in metasedimentary intrusive body: A marker of rare metal potential mineralisation of pegmatite in origin, Musha-Ntunga area, Eastern Province, Rwanda. Int. Res. J. Earth Sci. Vol.7(1),1-12.
- Ndikumana, J., Bolarinwa, A.T. and Adeyemi, G.O., 2019. Neoproterozoic Rare Element Pegmatites from Gitarama and Gatumba Areas, Rwanda: Understanding Their Nb-Ta and Sn Mineralisation. Open Journal of Geology, 9(13), pp.1069-1083.
- Ndikumana, J., Bolarinwa, A.T. and Adeyemi, G.O., 2020. A Study on Geology and Geochemistry of Pegmatites in Relation to Niobium-Tantalum and Tin Mineralisation, Gitarama and Gatumba Areas, Rwanda. International conference paper, Goldschmidt 2020.
- Ndikumana, J., Bolarinwa, A.T., Adeyemi, G.O., Olajide-Kayode, J., Nambaje, C., 2020. Geochemistry of feldspar and muscovite from pegmatite of the Gatumba area, Karagwe Ankole Belt: Implications for Nb-Ta-Sn mineralisation and associated alterations. SN Applied Sciences, Springer, DOI: 10.1007/s42452-020-03370-1.

6. Other Skills: Rough diamond grader, polished diamond grader and colored stone grader.

7. Language proficiency: English, French and Kinyarwanda

8. Contact details

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 - Nigeria Number: +2348158717126
 - Home country: +250788471307
- ii. Email: ndijado@yahoo.fr
- iii. Physical address
 - Nigeria: Adebayo Akande Hall, Ibadan city, Oyo State, Nigeria.
 - Home country: N0 27, KN 4 Avenue, Kigali City, Rwanda.



1. Personal information

- i. Name: Theophile MUGERWA
- ii. Date of birth: 10/10/1987
- iii. Place of birth: Ngororero, Rwanda
- iv. Gender: Male
- v. Marital status: Married
- vi. Nationality: Rwanda
- vii. Contact department: Department of Geology, University of Ibadan

- 2. Qualifications:** M.Sc. in Geology (AU, India); PGDip in Petroleum Exploration (AU, India); B.Sc. in Environmental Sciences (UR, Rwanda)

3. Academic/ Work experience:

Current position: Assistant Lecturer, School of Mining and Geology, University of Rwanda
 Previous: Petroleum Geologist at Rwanda Mines, Petroleum and Gas Board

- 4. Title of research work:** Organic Petrography and Geochemistry

of Peat Deposits in Western Province, Rwanda

5. Publications

1. Theophile Mugerwa, O.A Ehinola, I.A Oladosu, Digne Rwabuhungu, Jean de Dieu Ndikumana, Donatille Nkunzi. Source rock evaluation of peat deposits in Southwest, Rwanda (in press)
2. Theophile Mugerwa, Olugbenga A. Ehinola, Ibrahim A. Oladosu, 2020. Assessment of peat resources in Rwanda (*Accepted-Journal of Geoscience and Environmental Protection*)
3. Theophile Mugerwa, Digne Edmond Rwabuhungu Rwatangabo, O.A. Ehinola, I.A.Oladosu (2018) Rwanda Peat deposits in Rwanda; an alternative to energy sources. *Energy Reports 5 (2019) 1151–115, Elsevier(SCIIF: 3.83)*
4. Theophile Mugerwa, Digne Rwabuhungu, O.A. Ehinola, I.A. Oladosu, 2019. Peat deposits in Rwanda: Potential and Development (Proceeding of 17th International Geological Society of Africa, July 21-30, 2018. Aveiro, Portugal)

- 6. Other Skills:** Project management skills

- 7. Language proficiency:** Kinyarwanda, English and French

8. Contact details

- i. Mobile number
Nigeria Number -
Home country: +250788676746
- ii. Email: luanmugerwa@gmail.com
- iii. Physical address
Nigeria: UI, Adebayo Akande Hall
Home country: KN 67 st, Nyarugenge, Kigali



PLANT BREEDING

CONGRATULATORY MESSAGE TO THE PAU-PLANT BREEDING PROGRAMME GRADUANTS

Hearty congratulations to our PAU-Plant breeding programme Graduates I am sure you had a very exciting time and experiences during the course of learning the rudiments of plant breeding as a special field of Agriculture.

The skills the programme taught you is a foundation to grow and develop the future plant breeders in your Countries as well as in Africa in general.

We in the Department of Crop and Horticultural Sciences (Formerly Agronomy) and the Pan African University Life and Earth Science including Agriculture (PAULESI) would be proud to follow your progressive contributions to the future development of humanity.

Once again, I say Congratulations.

Professor Julius Akinyemi FAGBAYIDE,
Programme Coordinator



1. Personal information

- i. Name (Surname last – in bold): Gbemisola Oluwayemisi **IGE**
- ii. Date of birth: 20/03/1989
- iii. Place of birth: Jericho Nursing Home, Ibadan, Nigeria
- iv. Gender: Female
- v. Marital status: Married
- vi. Nationality: Nigerian
- vii. Contact department: Agronomy Department, University of Ibadan

2. **Qualifications:** PhD Plant Breeding, M.Agric. (Plant Breeding), B.Agric. (Plant Breeding and Seed Technology).

3. **Academic/ Work experience:** Assistant Lecturer (August 2019-Date), Federal University of Agriculture, Abeokuta, Ogun State, Department of Plant Breeding and Seed Technology,

4. **Title of research work:** MARKER-ASSISTED SELECTION OF SOYBEAN RUST-RESISTANT LINES AND GENETIC ANALYSIS IN SOYBEAN [*Glycine max* (L.) Merrill].

5. **Publications:** Chander S, Ortega-Beltran A, Bandyopadhyay R, Sheoran P, **Ige G.O.**, Vansconcelos M.W, and Garcia-Olivera A.L. 2019. Prospects for Durable Resistance Against an Old Soybean Enemy: A Four-Decade Journey from Rpp1 (Resistance to *Phakopsora pachyrhizi*) to Rpp7. *Agronomy* 9: 348- 371.

Ige G.O., Godfree Chigeza, Subhash Chander, Abush Tesfaye Abebe, David Kolawole Ojo, Malachy Akoroda. 2020. Genetic assessment of combining ability for seed-yield and related traits in soybean [*Glycine max* (L.) Merrill]. *Legume Research*, DOI 10.18805/LR-542.

Gbemisola Ige, G. Chigeza, S. Chander, A. T. Abebe, D. K. Ojo, M. O. Akoroda. 2020. Combining ability of selected Soybean [*Glycine max*(L.) Merrill] parental lines. In press with *Indian Journal of Genetics and Plant Breeding*.

C. Olusanya Alake and **G. Oluwayemisi Otusanya**. 2020. Selection criteria for seed yield improvement in multi-species of *Amaranthus* genotypes. *International Journal of Vegetable Science*, DOI 10.1080/19315260.2020.1712631.

6. **Other Skills:** Teaching, Reading

7. **Language proficiency:** English, Yoruba

8. Contact details

- i. Mobile number: +2347034563427
Nigeria Number - +2347034563427
- ii. Email : igegbemi@gmail.com, igegbemisola@yahoo.com,
- iii. Physical address:
Nigeria: Alako Ijeun Community, off Abeokuta-Sagamu Expressway, Abeokuta, Ogun State, Nigeria



1. Personal information
 - i. Name (Surname last – in bold): Kwabena **Darkwa**
 - ii. Date of birth: 26th December 1989
 - iii. Place of birth: Accra, Ghana
 - iv. Gender: Male
 - v. Marital status: Married
 - vi. Nationality: Ghanaian
 - vii. Contact department: Agronomy

2. Qualifications

- I. BSc Agriculture Education, University of Education, Winneba, Ghana (2012)
- ii. MSc Plant Science (Breeding), Hawassa University, Hawassa, Ethiopia (2015)
- iii. PhD Plant Breeding, PAULESI, UI, Ibadan, Nigeria (2020)

3. Academic/ Work experience

- i. Teaching and Research Assistant; Department of Crop and Soil Sciences, University of Education, Winneba, August 2012- July 2013; September 2015- May 2016
- ii. Seed and Production Agronomist; International Potato Center (CIP) Ghana, July 2016 – November 2016

- iii. Research Fellow; Yam Breeding Unit, IITA Ibadan, March 2017 to January 2020
- iv. Breeder and Foundation Seed Production Officer – IITA Ghana, February 2020 to date

4. Title of research work: Linkage Analysis, Association Mapping and Prediction of Breeding Values of Quantitative Traits in Yam (*Dioscorea* Spp.)

5. Selected Publications

- i) **Darkwa, K.**, Agre, P., Olanmi, B., ... & Asfaw, A. (2020) Comparative assessment of genetic diversity matrices and clustering methods in white Guinea yam (*Dioscorea rotundata*) based on morphological and molecular markers, Scientific Reports 10:1-14
- ii) **Darkwa, K.**, Agre, P., Olanmi, B., ... & Asfaw, A., (2020). A SNP-Based Linkage Map and QTL Identification for Resistance to Yam Anthracnose Disease (YAD) in Water Yam. PREPRINT (Version 1) available at Research Square <https://doi.org/10.21203/rs.3.rs-26806/v1>
- iii) **Darkwa, K.**, Olanmi, B., Asiedu, R. and Asfaw, A. (2020) Review of empirical and emerging breeding methods and tools for yam improvement: status and prospects, Plant Breeding Journal, 139:474–497. DOI: 10.1111/pbr.12783

6. Other Skills: Data analysis

7. Language proficiency: English, Twi

8. Contact details

- i. Mobile number
 - Nigeria Number - +234 7018436001
 - Home country - +233 242076572
- ii. Email – kwabenadarkwa@gmail.com
- Physical address
 - Nigeria: IITA, Ibadan, Oyo state, Nigeria
 - Home country: Kade, Eastern Region, Ghana



1 PERSONAL INFORMATION

- i. Name: PIERRE COBES GATARIRA
- ii. Date of birth: 11 October 1988
- iii. Place of birth: Kigali- Rwanda
- iv. Gender: Male
- v. Marital status: Single
- vi. Nationality: Rwandan
- vii. Contact department: Agronomy

2 QUALIFICATIONS:

2016-2020: PhD. in Plant Breeding at PAULESI, UI, Nigeria
 2013-2015: M.Sc. in Agronomy at Annamalai University, India
 2009-2013: BSc in Agronomy at University of Rwanda, Rwanda

3 ACADEMIC/WORK EXPERIENCE

2016-2020: Research fellow, Bioscience and yam breeding units, IITA, Ibadan



2018: Flow cytometry, Metaphase chromosome preparations for ploidy analysis in plants at IEB Institute of Experimental Botany, Czech Republic.

4 TITLE OF RESEARCH WORK:

PLOIDY DETERMINATION, FLOWERING BEHAVIOR AND GENOME WIDE ASSOCIATION STUDIES IN DIOSCOREA SPECIES

5 Publications: 4 in peer-reviewed journals

6 **Other Skills:** Statistical analysis using R, ability to use Microsoft Excel, Microsoft word, and Microsoft PowerPoint, Data management, Good communication and leadership skills

7 **Language proficiency:** (French, English, Kinyarwanda and beginner in Swahili)

8 Contact details

- i. Mobile number: Nigeria Number: +2348158717117; Home country: +25088656782
- ii. Email – cobesgatarira@gmail.com / pgatarira@yahoo.com
- iii. Physical address in Nigeria: IITA, Ibadan, Oyo state, Nigeria
- Home country: Nyarugenge, Kigali Rwanda.



REPRODUCTIVE HEALTH SCIENCE

Congratulatory Message ***from the*** **REPRODUCTIVE HEALTH SCIENCES PROGRAMME**

On behalf of the staff of department of Obstetrics and Gynaecology, the coordinating department for the Reproductive Health Science and Reproductive Biology programmes of PAULESI, I congratulate our graduating students who have successfully completed their academic programmes.

It has been a great learning opportunity for us all interacting with these set of highly motivated students with diverse background from different parts of Africa.

I am particularly delighted at the number of PhD

graduands from our programmes. They will strengthen the research landscape in Reproductive Health in African. This is an indication that the programmes of PAULESI are contributing immensely to Africa's development.

It is hoped that the experience gained by the graduands in their various programmes will help them tremendously as they advance in their chosen career.

Once again, congratulation to you all.

Professor Adesina Oladokun

Reproductive Health Sciences Programme Coordinator



1. Personal information

- i. Name (Surname last – in bold) = Getachew Mullu Kassa
- ii. Date of birth = 29 January 1989
- iii. Place of birth = Alamata, Ethiopia
- iv. Gender = Male
- v. Marital status = Married
- vi. Nationality = Ethiopian

2 Contact department: Reproductive Health Sciences Program, Department of Obstetrics and Gynecology, University College H, Ibadan, Nigeria¹. **2. Qualifications** = Bachelor of Science (BSc) in Nursing from Arba Minch University, Ethiopia (2010), Master of Science (MSc) in Reproductive and Maternal Health Nursing from Addis Ababa University, Ethiopia (2013).

3. Academic/ Work experience: Lecturer in College of Health Sciences, Debre Markos University (from September 11, 2010 to March 16, 2020) and Assistant Professor of Reproductive and Maternal Health (from March 17, 2020 to now).

4. Title of research work: Adolescent Pregnancy: Magnitude, Factors, and Adverse Maternal and Neonatal Outcomes in Ethiopia.

5. Publications: 3 publications

- i. Adverse neonatal outcomes of adolescent pregnancy in northwest Ethiopia; Published in PLOS ONE Journal
 - ii. Prevalence and determinants of adolescent pregnancy in Africa: a systematic review and meta-analysis; Published in BMC Reproductive Health Journal
 - iii. Trends and determinants of teenage childbearing in Ethiopia: evidence from the 2000 to 2016 demographic and health survey; Published in BMC Italian Journal of Pediatrics
- 6. Other Skills:** Computer skill, quantitative data analysis using SPSS, STATA, R-software, qualitative data analysis using ATLAS.ti, NVivo, OpenCode, Impact Evaluation design and analysis, systematic review and meta-analysis

7. Language proficiency: Native in Amharic, Fluent in English

8. Contact details

- i. Mobile number
 - Nigeria Number - +2348066222289
 - Home country - +251920174029
- ii. E m a i l – g e c h m 2 0 0 5 @ g m a i l . c o m / getachew_kassa@dmu.edu.et
- iii. Physical address
 - Nigeria = Adebayo Akande Hall, University of Ibadan
 - Home country = Debre Markos University, Debre Markos, Amhara region, Ethiopia



Personal information

- i. Name: Shallon **ATUHAIRE**
- ii. Date of birth: 28/01/1983
- iii. Place of birth: Kanungu, Uganda.
- iv. Gender: Female.
- v. Marital status: Married.
- vi. Nationality: Ugandan.
- vii. Contact department: Department of Obstetrics and Gynecology, University College Hospital, University of Ibadan, Ibadan, Nigeria.

1. Qualifications:

	Date
PhD in Reproductive Health Sciences (PAULESI)	2017 - 2020
UNESCO/Great Wall Fellow (ECNU)	2016 - 2017
Mater of Public Health (UCU)	2011 - 2014
HIV/AIDS Counseling (TASO Uganda)	2010
Bs. Ed [(Biology and Chemistry) (Mak)]	2004 - 2007

2. Academic/ Work experience: Tutor: Department of TIET, Ministry of Education and Sports, Kampala, Uganda (2009 - To date), Lecturer: Cavendish University (2014-2016), Volunteer HIV/AIDS Counselor: Rubaga Hospital (2010-2011), Teacher: Makerere S.S (2006-2009).

3. Title of research work: Self-fulfilling prophecies and Self-efficacy: Association with Effective Community Reintegration and Rehabilitation of Obstetric fistula Patients at St. Joseph Kitovu Hospital, Uganda.

4. Publications: 13 in Peer reviewed International Journals including seven from the PhD thesis.

5. Other Skills: Critical thinking, Research skills, Effective communication, Computer literacy, Data analysis, Life skills, Counseling, Teamwork, Problem-solving, and E-Learning.

6. Language proficiency: Runyakitara, English, Luganda, Kiswahili, Chinese, French

7. Contact details

- i. Mobile number
 - Nigeria Number: +2348024273182
 - Home country: +256774636127
- ii. Email: shallonatuhairtaremw@gmail.com
- iii. Physical address
 - Nigeria: Akande Hall, University of Ibadan.



1. Personal information

- i. Name (Surname last – in bold): Onome Bright Oghenetega
- ii. Date of birth: April 21, 1985
- iii. Place of birth: Agbor, Nigeria
- iv. Gender: Male
- v. Marital status: Married
- vi. Nationality: Nigerian
- vii. Contact department: Reproductive Health Science, Department of Obstetrics and Gynaecology, College of Medicine, University of Ibadan, Ibadan, Nigeria

2. **Qualifications:** B.Sc. Science Lab. Tech. (Biomedical Tech), M.Sc. Physiology (Reproductive and foetal programming), PGDE
3. Academic/ Work experience
 - a. Laboratory Scientist at Glonome Laboratories Limited, Ibadan, Nigeria
 - b. Science Teacher – Orogun grammar school, Ibadan Oyo State, Nigeria; and Classical International school, Warri, Delta, Nigeria
 - c. Project Analyst at Help Consult, Nigeria, Abraka, Delta State, Nigeria
4. Title of research work: The effects of maternal exposure to oil pollution on pregnancy outcomes in the Niger Delta region of Nigeria

5. Publications

Oghenetega OB, Ana GR, Okunlola MA, Ojengbede OA. Miscarriage, Stillbirth and Infant Death in Oil-polluted Region of Niger Delta, Nigeria: a Retrospective Cohort Study. *Int J Gynecol Obstet* 2020; 150: 361–367

Oghenetega OB, Ojengbede OA, Ana GR. Perception Determinants of Women and Healthcare Providers on the Effects of Oil Pollution on Maternal and Newborn Outcomes in the Niger Delta, Nigeria. *International Journal of Women's Health*. 2020;12:197

Oghenetega OB, Ana GR, Okunlola MA, Ojengbede OA. Oil Spills, Gas Flaring and Adverse Pregnancy Outcomes: A Systematic Review. *Open Journal of Obstetrics and Gynecology*. 2019 Dec 25;10(1):187-99

Oghenetega OB, Ojengbede OA, Okunlola MA, Ana GR (2020). Oil Pollution and Its Impact on Communities in The Niger Delta: A Qualitative Research Approach. *Afr. J. Med. med. Sci. (In Press)*.

6. **Other Skills:** Technical presentations and report writing skills, statistical/Analytical skills, project management skills, effective communication and problem solving skills

7. **Language proficiency:** Fluent oral and written English proficiency, Basic French

8. Contact details

- i. Mobile number
 - Nigeria Number - +2348165148214
 - Home country - +2348165148214
- ii. Email – tegabonome@gmail.com
- iii. Physical address
 - Nigeria: 2 Immanuel College Estate, Orifield Agbowo, Ibadan, Oyo State, Nigeria
 - Home country: 2 Immanuel College Estate, Orifield Agbowo, Ibadan, Oyo State, Nigeria



1. Personal information

- i. Name (Surname last – in bold): Dr. Nkechi Martina **ODOGWU**
- ii. Date of birth: 23rd April.
- iii. Place of birth: Lagos State, Nigeria
- iv. Gender: Female
- v. Marital status: Single
- vi. Nationality: Nigerian
- vii. Contact department: Department of Obstetrics and Gynecology, University College Hospital

2. Qualifications: DVM, MSC

3. **Academic/ Work experience:** Veterinary Officer (2013-2014), Teaching and Research Assistant (2015-2016), Assistant Lecturer (2017-2019), Doctoral researcher (2017-2020).

4. **Title of research work:** *A Metagenomic Approach to the Characterization of the Vaginal Microbiomes during Pregnancy and the Puerperium in Nigerians*

5. Publications:

1. *Comparative Evaluation of The Development of Recurring Natural Fowl Pox Infection in Broilers and Cockerels Under the Same Experimental Conditions.*
2. *Depression and Its Screening Programs Among Voluntary African Migrants Within Africa. A Systematic Review.*
3. *The Vaginal Microbiome of Sub-Saharan African Women: Revealing Important Gaps in the era of Next-Generation Sequencing.*
4. *Protocol for a Longitudinal Analysis of the Vaginal Microbiome from a Pregnant Cohort of African Women in Nigeria.*
5. *Predominance of Atopobium vaginae at Mid-trimester: A Potential Indicator of Preterm Birth Risk in a Nigerian cohort.*

6. **Other Skills:** Molecular Biology Wet Lab Hands-on Skills, Writing Skills, Software skills (Competent in Python Software for Bioinformatic Analysis and R custom scripts for Biostatistics), Excellent Client-facing Skills, Project Coordination & Management skills, Hair dressing and Craft Skills.

7. **Language proficiency:** English, French and Igbo Language

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1. Personal information

- i. Name (Surname last – in bold) - Gedefaw Abeje **Fekadu**
- ii. Date of birth - April 27, 1984
- iii. Place of birth – Estie, Ethiopia
- iv. Gender – Male
- v. Marital status – Married
- vi. Nationality – Ethiopian
- vii. Contact department – Reproductive Health Sciences Program, Department of Obstetrics and Gynecology, UCH, Ibadan, Nigeria

2. **Qualifications** – Completed Bachelor of science in Nursing on 2006 and Master of Public health in Reproductive and Child health on 2010 (now PhD candidate in Reproductive Health Sciences)

3. **Academic/ Work experience** – Working in Bahir Dar University with the academic rank of associate professor effective from August 2020, and worked with academic rank of assistant professor and lecturer from 2011 to July 2020 in the same University.

4. **Title of research work** - Factors Associated with the Use of Long-Acting or Permanent Contraceptive Methods and the Discontinuation of Long-Acting Reversible Contraceptives among Women of Reproductive Age in Ethiopia.

5. Publications – publications from the thesis

- I. Factors associated with early long-acting reversible contraceptives discontinuation in Ethiopia: evidence from the 2016 Ethiopian demographic and health survey.
- II. Determinants of change in long-acting or permanent contraceptives use in Ethiopia; A multivariate decomposition analysis the Ethiopian demographic & health survey data.
- III. Factors associated with long acting & permanent contraceptive methods use in Ethiopia.

6. **Other Skills** – Computer skill, data analysis using STATA, SPSS and excel; Demographic and Health survey data analysis skill

7. **Language proficiency** – Fluent in English and native in Amharic

8. Contact details

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- iii. Physical address
 - Nigeria – Adebayo Akande Hall, Nigeria (Now living in Ethiopia)
 - Home country – Bahir Dar University, College of Medicine and Health Sciences, School of Public Health, Department of Reproductive Health and Population Studies, Bahir Dar, Ethiopia.



1. Personal information

- i. Name (Surname last – in bold): Nurilign Abebe **Moges**
- ii. Date of birth: 29, August, 1988
- iii. Place of birth: Dangila, Ethiopia
- iv. Gender: Male
- v. Marital status: Married
- vi. Nationality: Ethiopian
- vii. Contact department: Reproductive Health Sciences Program, Department of Obstetrics and Gynecology, University College Hospital, Ibadan, Nigeria

2. **Qualifications:** Bachelor of Science (BSc) in Nursing from Arba Minch University, Ethiopia (2010), Master of Public health from Debre Markos University, Ethiopia (2013).

3. **Academic/ Work experience:** Lecturer in College of Health Sciences, Debre Markos University (from September 11, 2010 to March 16, 2017) and Assistant Professor of Public health (from March 17, 2017 to date).

4. **Title of research work:** Treatment Uptake and Clinical Outcomes of Newly Diagnosed HIV Positive People in Test and Treat Approach in Northwest Ethiopia

5. Publications: 3 publications

- i. Same-day antiretroviral treatment (ART) initiation and associated factors among HIV positive people in northwest Ethiopia: Baseline characteristics of prospective cohort: Archives of Public health (BMC)
- ii. Risky sexual practice, sexually transmitted infection and associated factors among newly diagnosed HIV positive people in Northwest Ethiopia: In Dove medical press
- iii. HIV Patients Retention and Attrition in Care and Their Determinants in Ethiopia: A Systematic Review and Meta-Analysis (**BMC infectious disease**)

6. **Other Skills:** Computer skill, quantitative data analysis using SPSS, STATA, qualitative data analysis using ATLAS.ti, and OpenCode,

7. **Language proficiency:** Native in Amharic, Fluent in English

8. Contact details

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 - Home country: Debre Markos University, Debre Markos, Amhara region, Ethiopia



1. Personal information

- i. Name: Abadi Kidanemariam **Berhe**
- ii. Date of birth: 27 August 1985
- iii. Place of birth: Ahiferom, Tigray, Ethiopia
- iv. Gender: Male
- v. Marital status: Married
- vi. Nationality: Ethiopian
- vii. Contact department: Reproductive Health Sciences Program, PAULESI, Department of Obstetrics & Gynaecology, UCH, UI

2. Qualifications

- ✓ Bachelor of Science in Nursing from Hawassa University awarded in 2006
- ✓ Master of Science in Maternity and Reproductive Health Nursing from Mekelle University in 2013

3. Academic/Work experience

- ✓ Over all 13 Years' experience in different organizations; 1 year in Hospital as clinical nurse, 6 years in Health Science College as assistant lecturer and lecturer and 6 years in Adigrat University (3 years as lecturer and 3 years as Assistant professor in maternity and reproductive health nursing)

4. Title of research work

Determinants and Outcomes of Pregnancy Induced Hypertension among Pregnant Women in Tigray Regional State, Ethiopia

5. Publications

- ✓ Effect of pregnancy induced hypertension on adverse perinatal outcomes in Tigray regional state, Ethiopia: a prospective cohort study published in BMC pregnancy and Childbirth
- ✓ Awareness of pregnancy induced hypertension among pregnant women in Tigray Regional State, Ethiopia published in Pan African Medical Journal
- ✓ Adverse maternal outcomes of pregnancy induced hypertension among pregnant women in Tigray regional state, Ethiopia: a prospective cohort study (Under review)
- ✓ Determinants of pregnancy induced hypertension in Tigray regional state, Ethiopia (Under review)

6. Other Skills

- ✓ Good skills in Microsoft excel, data base and data analysis using EPI-info and SPSS, STATA software, quantitative and qualitative research

7. Language proficiency

Tigrigna, Amharic, English

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 - Home country : College of Medicine & Health Sciences, Adigrat University, Tigray, Ethiopia



1. Personal information

- i. Name: Achenef Asmamaw **Muche**
- ii. Date of birth: 14th December 1987
- iii. Place of birth: Simada, Ethiopia
- iv. Gender: Male
- v. Marital status: Married
- vi. Nationality: Ethiopian
- vii. Contact department: Reproductive Health Sciences Program,
Department of Obstetrics and Gynecology, UCH, Ibadan, Nigeria

2. **Qualifications:** Completed Bachelor of science in Nursing by 2006, Master of Public Health in Epidemiology and Biostatistics by 2014, and Master of Health Science in Reproductive Health Science by 2015, now PhD candidate in Reproductive Health Sciences.

3. **Academic/ Work experience:** I served as junior faculty staff to assistant lecturer at Debre Tabor health science college from 2006 to 2013 and working in University of Gondar with the academic rank of lecturer effective from September 2015 to date.

4. **Title of research work:** Epidemiology of Gestational Diabetes Mellitus, Its Effects on Maternal and Newborn Health Outcomes among a Cohort of Pregnant Women in Gondar Town, Northwest Ethiopia.

5. **Publications:** The Ph.D. thesis is based on the following five published articles;

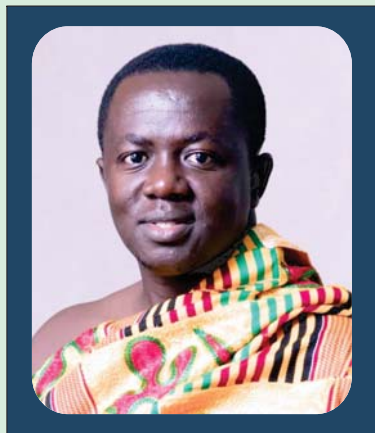
- I. **Muche AA**, Olayemi OO, Gete YK. Prevalence and determinants of gestational diabetes mellitus in Africa based on the updated international diagnostic criteria: a systematic review and meta-analysis. Archives of Public Health. 2019;77(1):36.
- II. **Muche AA**, Olayemi OO, Gete YK. Prevalence of gestational diabetes mellitus and associated factors among women attending antenatal care at Gondar town public health facilities, Northwest Ethiopia. BMC pregnancy and childbirth. 2019;19(1):334.
- III. **Muche AA**, Olayemi OO, Gete YK. Effects of gestational diabetes mellitus on risk of adverse maternal outcomes: a prospective cohort study in Northwest Ethiopia. BMC pregnancy and childbirth. 2020;20(1):73.
- IV. **Muche AA**, Olayemi OO, Gete YK. Gestational diabetes mellitus increased the risk of adverse neonatal outcomes: A prospective cohort study in Northwest Ethiopia. Elsevier Midwifery. 2020;87:102713.
- V. **Muche AA**, Olayemi OO, Gete YK. **Predictors** of postpartum glucose intolerance in women with gestational diabetes mellitus: A prospective cohort study in Ethiopia based on the updated diagnostic criteria. BMJ Open 2020;10:e036882.

6. **Other Skills:** Computer skill, data analysis using STATA, SPSS and R-software

7. **Language proficiency:** Fluent in English and native in Amharic

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 - Home country: University of Gondar, College of Medicine and Health Sciences, Gondar, Ethiopia.



1. Personal information

- i. Name: Seth Christopher Yaw **Appiah**
- ii. Date of birth: 15th August, 1986
- iii. Place of birth: Amansie Hiakose, Ghana
- iv. Gender: Male
- v. Marital status: Married
- vi. Nationality: Ghanaian
- vii. Contact department: **Department of Obstetrics and Gynecology, College of Medicine** University of Ibadan/Department of Sociology and Social Work, Kwame Nkrumah University of Science and Technology, Kumasi, Ghana.

2. **Qualifications:** Ph.D. Reproductive Health Sciences (University of Ibadan), MPhil Sociology (Kwame Nkrumah University of Science and Technology, Kumasi, Ghana, Nigeria), BA Sociology and Social Work (Kwame Nkrumah University of Science and Technology, Ghana).

3. **Academic/Work experience:** I am currently a lecturer in Population, Sexual and Reproductive health at the Kwame Nkrumah University of Science and Technology, Kumasi. I have additionally taught at various levels of Ghana's educational structure, lectured at the St. Magareth University Kumasi and at the Sociology and Social Work

Department of the Kwame Nkrumah University of Science and Technology as Graduate Research Assistant. I am AU-India ICMR International Research Fellow, DAAD research Fellow and also served as Save the Child International SUPER Research Fellow in 2015 in Ethiopia and served as Co- principal investigator several research studies funded by AO-Alliance in Switzerland, DANIDA and Save the Children USA and UNICEF.

4. **Title of research work:** The effect of **pediatric HIV and AIDS disclosure on the social protection and vulnerability of HIV and AIDS infected children in the Ashanti and Brong Ahafo regions of Ghana.**

5. Publications (out of the Ph.D. research project):

1. **Appiah, SCY**, Adekunle A.O, Oladokun A, Dapaah J M, Karikari, NM (2019) Parental Disclosure of own HIV Status to Children in two Ghanaian regions; examining the determinants within a child vulnerability context. *Health*, 11, 1291-1311. <https://doi.org/10.4236/health.2019.8204747>
2. **Appiah, SCY**, Adekunle, A.O, Oladokun, A, Karikari, NM, Dapaah, J M (2019) Designing a need based social protection intervention package for children and adolescents living with HIV and AIDS in Ghana- An eclectic perspective on desired social protection intervention package/framework. *Health*, 12, 1373-1396. <https://doi.org/10.4236/health.2019.82047478>

6. **Other Skills:** Conversant with MS Office including word, PowerPoint and excel and software programme for analyzing data specifically SPSS and QS-NVIVO

7. **Language proficiency:** Asante Twi (mother tongue), English,

8. Contact details

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