

## CURRICULUM VITAE

# Dr. Andrew Chibuzor ILOH

Biodiversity and Climate Research Laboratory,  
Biotechnology Advanced Research Centre  
Sheda Science and Technology Complex,  
Km 32 Abuja-Lokoja Express way.  
Abuja, Nigeria.

Email: [REDACTED]

### EDUCATION

2015: Ph.D. Plant Molecular Ecology and Population Genetics, University of Lagos.

2008: M.Sc. Environmental Biology, University of Abuja.

2002: B.Sc. (Hons) Botany, Delta State University, Abraka.

1995: S.S.C.E, St. Charles Special Science School, Onitsha.

### WORK EXPERIENCE

**Deputy Director Research/Principal Research Fellow**, Biodiversity and Climate Research Laboratory  
Jan, 2020 till date

**Adjunct Associate Professor of Molecular Ecology and Population Genetics**, Dept. of  
**Biochemistry and Biotechnology**, IBB University Lapai, Jan, 2018 till date.

**Senior Research Fellow**, Biodiversity and Climate Research Laboratory, Jan 2017 to Dec 2019.

**Research Fellow I** Biodiversity and Climate Research Laboratory, Jan, 2015 to 2016.

**Visiting Scientist**: Alexander von Humboldt Foundation (AvH) Germany: 1<sup>st</sup> Sept.-30<sup>th</sup> Nov, 2015.

**Research Fellow II**: Biodiversity and Climate Research Laboratory, Jan, 2011– Dec, 2014.

**International Climate Protection Fellow**, Alexander von Humboldt Foundation (AvH) Germany: 2011-2012

**Assistant Research Fellow**, Biotechnology Advanced Laboratory, Jan, 2008– Dec, 2011

**Research Fellow**, Biodiversity Development and Conservation Programme (BDGP), Jan, 2006-Dec, 2007

### Selected Administrative/Management Experience

2021 till date: Chair, Publicity Global Genome Biodiversity Network (GGBN).

2019 till date: Senior Technical Assistant (SSA Tech) to the DG/CEO Sheda Science and Technology Complex.

2013 till date: Laboratory Manager, DNA bank.

2007 till date Co-Chair National Biodiversity Information Consortium, NBIC.

2016 till date Member Global Genome Biodiversity Network (GGBN) Bio bank Procedures Task Force.

2007 till date: Facilitator, Biodiversity Education and Resource Centre (BERC).

2014 -2019: Vice President, Biotechnology Society of Nigeria (BSN).

2009 – 2011: Sheda Science and Technology Complex Colloquium Vice Chairman.

2009 – 2010: Secretary General, Biotechnology Society of Nigeria.

2008 – 2011: Biotechnology Advanced Laboratory Seminar Co-ordinator.

2008 – 2009: Assistant Secretary General, Biotechnology Society of Nigeria.

### UNIVERSITY COURSES TAUGHT

S/N	Under Graduate Courses	Credit Units
1.	BCH 305, Molecular Biology	3 Units
2.	BCH 402, Biotechnology and it Applications	3 Units
3.	Seminar	2 Units
4.	Project	6 Units
S/N	Post graduate Courses	Credit Units
1.	BCH 706, Research methods	4 Units
2.	BCH 718, 801 and 820 Molecular Biology, Microbial Genetics and Biotechnology	3 Units
3.	MSc. And PDG Seminar	2 units
4.	Project	6 Units

## **STUDENT SUPERVISION**

- ✚ Undergraduate: 25 Students (Completed).
- ✚ Post graduate  
2016: Co-supervision 1 M.Sc. Student at the Department of Forestry, University of Ibadan, Nigeria (Completed).  
2020: Co-supervision 1 M.Sc. Student at the Department of Biochemistry and Biotechnology, IBB University Lapai. Niger State (completed).  
2021 till date: Co-supervision of 3 M.Sc. Students and 1 Ph.D. Student at the Department of Biochemistry and Biotechnology, IBB University Lapai. Niger State (On-going).

## **KEY ENVIRONMENTAL/ BIODIVERSITY DEVELOPMENT RESPONSIBILITIES**

- ✚ Research and Development in areas of Biodiversity (Plant) genomics, Populations/DNA based Assessments and Ecological Niche Modeling.
- ✚ Provision of training and data analysis to support Biodiversity and Climate Research.
- ✚ Collaboration with Communities to develop Ecosystems based adaptation for biodiversity Conservation.
- ✚ Securing the genetic base of Indigenous Plants in Nigeria.
- ✚ Developing Cost Effective Community Seed/Gene banks for Effective Conservation of Crop Genetic Resources.
- ✚ Agro Ecological Assessment and adaption for Women Small holder famers towards Climate resilience.
- ✚ Natural Capital Accounting for the Ekuri Community Forest in Cross-Rivers State.
- ✚ Development of Legislature models for Community forest for Eleme Community, Rivers State.

## **KEY AGRICULTURAL BIOTECHNOLOGY AND BIOSAFETY RESPONSIBILITIES**

- ✚ Provide technical support for Agricultural Biotechnology Strategies for agricultural related Project's for the Federal Ministry of Science, Technology and Innovation in Nigeria.
- ✚ Environment Safeguard and Standards for GMO applications in Nigeria.
- ✚ Developing backstopping technical expertise that crease inter-dependences across relevant government agencies (Biosafety, Biotechnology, Federal Ministry of Science, Technology and Innovation, Federal Ministry of Agriculture on Biotech related policies and practice in fostering integrated and comprehensive.
- ✚ Citizen awareness and advocacy on the safety of Agricultural Products developed from Modern Biotechnology Practices in partnership with the Open Forum for Agricultural Biotechnology (OFAB), Nigerian chapter.
- ✚ Capacity Building and Curriculum development of Modern Biotechnology Tools and Applications.
- ✚ Providing technical support to the Nigerian Biotechnology- Biosafety implementation drive on agricultural biotechnology including research & development, product development and commercialization (PBRCowpea, Tella Maize).
- ✚ Member of the Nigerian Biosafety Technical Subcommittee providing support in the work of the biotechnology and biosafety on issues of regulation, GM approvals and genome editing science and practices.
- ✚ Engage Non-Governmental Organizations and CSOs on various platforms to increase awareness and to disabuse the Anti GMO interest while building an effective capacity for stakeholder engagements around issues of Biosafety and biotechnology for Nigeria.
- ✚ Member of the National Biosafety committee to review GM applications for Nigeria.
- ✚ Development of an Environmental and Social Management System (ESMS) for GMOs and GMO related issues in Nigeria.
- ✚ Collaboration with Stakeholders in Biotechnology and Biosafety on actionable risk management plan and strategy for protection of human, biological diversity and the environment.

## **CURRENT RESEARCH STUDIES**

- ✚ DNA based authentication of raw and processed herbal products in Nigeria
- ✚ Identifying phylogeographic patterns of *Pterocarpus mildbraedii* in West African forest.
- ✚ Understanding the status and threats to *Hymenostegia talbotii* Baker, f. family LEGUMINOSAE: an IUCN classified endangered Nigerian plant.
- ✚ Assessing genetic diversity of pearl millet (*Pennisetum glaucum* 1. R. Br) in Nigeria for drought tolerance.
- ✚ Marker assisted selection for drought tolerance: a case for the underutilized “grain of life” food crop Fonio: *Digitaria exilis* (Kippist) and *Digitaria iburua* (Stapf) in Nigeria.

## **KEY M and E EXPERIENCE**

- ✚ Jan 2010 till date The Global Environmental Facility (GEF) Small grants Programme (SGP) M&E Volunteer.
- ✚ June, 2008: Evaluation of Natural Capital Accounting for the Ekuri Community Forest in Cross-Rivers State.
- ✚ Jan-Dec. 2008: Bioresources, Development and Conservation Programme (BDCP) Evaluator for the BDCP/UNIDO Replanting Mangrove in Oron, Akwa Ibom State.
- ✚ Jan-Dec. 2007: Bioresources, Development and Conservation Programme (BDCP) Representative for Edo, Delta and Cross Rivers States in the BDCP/UNIDO Study on Infestation of Nypa Palm and mangrove depletion Study in the Coastal areas of Nigeria.
- ✚ Sept. 2006: Field Evaluation for the Energy Commission of Nigeria (ECN) on renewable energy technologies in South Eastern Nigeria
- ✚ March-Aug. 2006: Evaluator for the Niger basin Authority/GEF-Impart Plus Burkina Faso, Study on the Sustainable living around the Niger River.

## **NATIONAL AD- HOC COMMITTEE PARTICIPATION**

- ✚ 2012: Member, Nigeria/South Africa Binational Committee on Capacity Building and Technology Transfer (Federal Ministry of Foreign Affairs).
- ✚ 2013: Chair Ad-hoc Sub Committee on Bio-ethics in relation to the Silicon Valley Project (Federal Ministry of Science, Technology and Innovation).
- ✚ 2019: Member, National Committee on the Review of the 2001 national Biotechnology Policy (Federal Ministry of Science, Technology and Innovation).
- ✚ 2018: Member, National Ad-hoc Committee of the Review of the Application for Commercial Release of PBR cowpea (National Biosafety Management Agency (NBMA)).
- ✚ 2020: Member, National Ad-hoc Committee of the Review of the Application for Confined Field trial GM Cassava (National Biosafety Management Agency (NBMA)).
- ✚ 2021: Member, National Ad-hoc Committee of the Review of the Application for General release of GM maize (National Biosafety Management Agency (NBMA)).
- ✚ 2021: Member, Committee on the National Biosecurity Policy and Action Plan (National Biosafety Management Agency (NBMA)).
- ✚ 2021: Member, Committee on the review of the National Biosafety Management Agency (NBMA) policy on stacked genes in GMOs.
- ✚ 2021: Member, National Committee on DNA fingerprinting of Nigeria Crude Oil in collaboration with the National Biotechnology Development Agency (NABDA) (Federal Ministry of Science, Technology and Innovation).
- ✚ 2022: Member, National Committee on the Blue Economy (Bioresources and Food Security Sub-Committee) (Federal Ministry of Science, Technology and Innovation).

## **AWARDS/GRANTS**

- ✚ 2022: Regeneration of Crop Diversity and Safety Duplication at the Svalbard Global Seed Vault, Crop Trust, Germany.
- ✚ 2021: Global Biodiversity Information Facility (GBIF) grant in Collaboration with the University of Lagos.

- ✚ 2021: Sustainable exploration and utilization of Ocean Biological Resources: New Frontiers for economic growth/ recovery post Covid 19 Nigeria (Fed. Ministry of Science, Technology and Innovation/ AIR Portugal project)
- ✚ 2019: Global Genome Biodiversity Network (GGBN) National DNA banking Grant.
- ✚ 2018: Global Genome Biodiversity Network (GGBN) National DNA banking Grant.
- ✚ 2018: Global Environmental Facility (GEF), Small Grant Programme (SGP).
- ✚ 2017: TETFund National Research Fund Grant in Collaboration with the University of Lagos.
- ✚ 2016: TETFund National Research Fund Grant in Collaboration with the University of Lagos.
- ✚ 2015: Alexander von Humboldt Foundation International Climate Protection Return Fellowship.
- ✚ 2014: West African Agricultural Research Program (WAAPP) Competitive Agricultural Research Grant. (World Bank Assisted Grant).
- ✚ 2013: JRS Biodiversity grant to attend the Ecological Niche Modelling Training Course of the Biodiversity Informatics Training Curriculum, University of Kansas, USA.
- ✚ 2011: International Climate Protection Fellowship, Alexander von Humboldt Foundation (AvH) Germany.

### PROFESSIONAL ASSOCIATIONS

- ✚ Global Genome Biodiversity Network (GGBN).
- ✚ Systematics Association, UK.
- ✚ World Academy of Young scientists (WAYS).
- ✚ Biotechnology Society of Nigeria (BSN).
- ✚ Ecological Society of Nigeria. (ECN).

### PUBLICATIONS

- ✚ **ILOH AC**, Onwukwe AA, Falusi AO and Onyenekwe PC (2022) Genetic Diversity of Tomato (*Solanum lycopersicum*) accessions using Chloroplast DNA and Random Amplified Polymorphic DNA markers. *African Journal of Food, Agriculture, Nutrition and Development (AJFAND)*. (**Accepted for publication**).
- ✚ Onyemaobi1 E.M, Okwute OL and **ILOH AC** (2022) Molecular Identification of *Escherichia coli* isolates from river Tauga and surrounding wells associated with abattoir effluent in Karu, FCT. Abuja. *FUW Trends in Science and Technology Journal 2* (1): 788-796.
- ✚ **ILOH AC** and Adukwu E (2022). Ethnobotanical Survey of Medicinal Plants used to manage Diabetes by the Indigenous Gwari people of Bwari area council of the F.C.T, Abuja. *Science Journal* (**Accepted for publication**).
- ✚ Musa AD, Ganiyu SA., Osuji C, Egwim CE and **ILOH AC** (2021). Detection of Genetically Modified Maize and Soybean in Some Food Products from selected Super and Local markets in Minna Metropolis, Niger state, Nigeria. *2<sup>nd</sup> Faculty of Natural Sciences. Annual Conference. IBB University Lapai*. 30<sup>th</sup> August to 2<sup>nd</sup> September 2021. Pp 358-370.
- ✚ **ILOH AC** and Musa, AD (2021). Testing for Genetically Modified (GM) maize and soybeans in poultry feeds: implications for GM traceability in Nigeria. *Journal of Scientific Research and Development* 20(1):170-180.
- ✚ **ILOH AC**, Ude, G and Onyia, C (2021) Securing the genetic base of indigenous food plants: their role in promoting sustainable food systems. In: Obembe, O. *et al.* (eds.) *Multidisciplinary Applications and Advances in Biotechnology - II: Agricultural Biotechnology, Biodiversity and Bio-resources Conservation and Utilization*, Taylor and Francis Publishers, USA.
- ✚ **ILOH AC**, Musa, DA (2020). COVID-19: Indigenous Food Plants as Sources of Micro-Nutrients for Supportive Immunity Boost Against the Severe Acute Respiratory Syndrome Coronavirus-2 (SARSCoV-2) Infection. In: Evans *et al.* (Eds) *Book of Readings on the novel coronavirus disease (COVID-19)*. Biotechnology Society of Nigeria, North Central Zone. pp 30-51.
- ✚ Leonald-Emeka EL, Aransiola EF, Ibrahim TH, Oyedele JO, Gidado, RM, **ILOH AC** and Solomon, BO (2020). Comparative performance of different yeast strains in the production of bioethanol using simultaneous liquefaction saccharification and fermentation (SLSF). *African Journal of Biotechnology*, 19(12), 858-867.

- ✚ **ILOH AC**, Onyenekwe, PC and Opeolu, OO (2018). Detection of genetically modified DNA in processed Maize and Soybean products in Nigeria. *African Journal of Biotechnology*. 17(35): 1090-1098.
- ✚ Ogunkanmi LA. **ILOH AC**, Dachi S, Onuminya TO, Osundinakin MI, Ajikah LB, Rotimi OT Abdul SD and Ogundipe OT (2018). Screening for Drought-Tolerance in Some Species of Acha. *Nigerian Journal of Botany* 31(2): 227-242.
- ✚ Ogunkanmi LA. **ILOH AC**, Dachi S, Onuminya TO, Osundinakin MI, Ajikah LB, Rotimi OT Abdul SD and Ogundipe OT (2018). Diversity Study of a Neglected and Underutilized Crop Species: A Case Study of Acha (*Digitaria* spp) (Kippist) (Stapf). *Nigerian Journal of Genetics*. 33(1): 48 -55.
- ✚ Abdul SD, Eheies XA, Ogunkanmi LA, **ILOH AC**, Dachi S, Onuminya TO, Osundinakin MI, Ajikah LB, Rotimi OT and Ogundipe OT. (2018) Variations in Acha (*Digitaria* species) grain characteristics. *Proceedings of 42nd Genetics Society of Nigeria Annual Conference NDA, Kaduna 2018*.
- ✚ **ILOH AC**, Paule J, Ogundipe OT and Muellner-Riehl, AN. (2018). Genetic diversity of the “Threatened” Liana *Chasmanthera dependens* (Menispermaceae) using Amplified Fragment Length Polymorphism (AFLP): implications for conservation in West Africa. *Nigerian Journal of Botany*. 30(2): 295-309.
- ✚ **ILOH AC**, Schmidt M, Muellner-Riehl AN, Ogundipe OT, Paule J (2017) Pleistocene refugia and genetic diversity patterns in West Africa: Insights from the liana *Chasmanthera dependens* (Menispermaceae). *PLoS ONE* 12(3): e0170511.
- ✚ **ILOH AC**, Orosun BO, Akinyele, OA and Onyenekwe, PC (2017). Genetic assessment of the shrub *Syncepalum dulcificum* (SCHUMACH & THONN.) DANIELL in Nigeria using the Randomly Amplified Polymorphic DNA (RAPD). *International Journal of Genetics and Genomics* 4(6): 45-50.
- ✚ Gidado RSM, Etim, VA, Nweke, O, **ILOH, AC**, Isu RN, Solomon, BO (2016). Isolation and Identification of Local Ethanol Tolerant Yeast Populating Distillation and Milling Sites in Nigeria. *American Journal of BioScience* 4(5): 58-63.
- ✚ **ILOH AC** and Ogundipe, OT (2016). Using ecological niche models to plan conservation in a changing environment: A case for the plant *Chasmanthera dependens* Hochst (Menispermaceae) in West Africa. *Journal of Ecology and Natural Environment* 8(1):1-8.
- ✚ Nweke O, Osuji C, **ILOH A.C**, Abarshi, M. M, Afolabi, AS, Inuwa H. M, Nok JA, and Onyenekwe, PC (2015) Optimization of PCR Protocol for RAPD Analysis of Selected Varieties of Pearl Millet (*Pennisetum glaucum* L. R. Br.) from Nigeria. *Intentional Journal of Current Biotechnology* 3(12):1-5.
- ✚ **ILOH AC**, Omatta, G, Ogbadu, GH and Onyenekwe, PC (2014). Effects of elevated temperature on seed germination on three cereal crops in Nigeria. *Scientific Research and Essays* 9(18): 806-813.
- ✚ **ILOH AC**, Isu, NR and Kuta, DD (2013). Explant Establishment for Callus initiation of a Nigerian “endangered” leafy vegetable, *Gnetum africanum* (WILLD). *African Journal of Biotechnology* 12 (28): 4473-4476.
- ✚ Ojianwuna CC, Edafemakor AG and **ILOH, AC** (2011). Toxicity of *Ocimum suave* (wild basil) leaf oil on adult housefly (*Musca domestica*) *International Research Journal of Agricultural Science and Soil Science* 1(10):417-420.
- ✚ **ILOH AC**, Isu, NR and Kuta, DD (2009). *In vitro* regeneration of an “endangered” leafy vegetable *Gnetum africanum*. *International Journal of Biodiversity and Conservation*. 1(4):081-086.
- ✚ Ilondu EM and **ILOH, AC** (2007) Inhibition of three fungi isolates from sorrel drink (zobo) using Hurdle technology. *World Journal of Agricultural Science* 3(3):339-343.
- ✚ Ilondu EM, Eguyanga, A and **ILOH, AC** (2005). The efficacy of *Ocimum suave* (Wild basil) leaf dust as grain protectant against the cereal weevil *Rhyzopetha dominica*. *Journal for the National Academy for the Advancement of Science* 3:12-16.

## CONFERENCE PRESENTATIONS

- ✚ **ILOH AC.** African Plant Diversity. *Paper presented at the faculty Natural Sciences and Mathematics, Department Ecology and Evolutionary Biology Post Graduate Seminar Series Kansas University Biodiversity Institute, Kansas State USA, February, 2021.*
- ✚ **ILOH AC.** Sustainable exploration and utilization of Ocean Biological Resources: New Frontiers for economic growth/ recovery post Covid 19 Nigeria. *Paper presented at the working Group: Genetic Resource Conservation and Enhancement at the 33<sup>rd</sup> Conference of the Biotechnology Society of Nigeria (BSN), Abakiliki. March, 2021.*
- ✚ **IIOH AC,** Onyenekwe, PC and Opeolu, OO. Detection of genetically modified DNA in processed Maize and Soybean products in Nigeria *Paper presented at the 3<sup>rd</sup> Global Genome Biodiversity Network (GGBN), Vienna Austria. June, 2018*
- ✚ **ILOH AC** and Ogundipe, OT *Paper presented at the 3<sup>rd</sup> Global Genome Biodiversity Network (GGBN) Vienna Austria. June, 2018.*
- ✚ **ILOH AC** and Paule, J. Identifying phylogeographic patterns of *Pterocarpus mildbraedii* in West African forest: Implications for understanding the status and threats to African Forest trees. *Paper presented at the 2016 Beijing Forum, Beijing China. 3<sup>rd</sup> to 10<sup>th</sup> November, 2016.*
- ✚ **ILOH AC** and Onyenekwe, PC. DNA sequence banking of medicinal plants and its use in authentication of raw and processed herbal medicines in Nigeria. *Paper presented at the 2<sup>nd</sup> Global Genome Biodiversity Network (GGBN) at the Natural History Museum, Berlin, June 2016*
- ✚ **ILOH AC** and Onyenekwe, PC. DNA based authentication of raw and processed herbal medicines in Nigeria. *Paper presented at the 28<sup>th</sup> Annual conference of the Biotechnology Society of Nigeria (BSN) August 2015. GO University Enugu Nigeria.*
- ✚ Nweke O, Osuji, C, **ILOH, AC,** Abarshi, MM., Inuwa, MH, Nok, AJ and Onyenekwe, PC. Assessing genetic diversity of pearl millet (*Pennisetum glaucum* 1. R. Br) in Nigeria for drought tolerance using rapid markers. *Paper presented at the 28<sup>th</sup> Annual conference of the Biotechnology Society of Nigeria (BSN) August 2015. GO University Enugu Nigeria.*
- ✚ **ILOH AC** and Ogundipe, OT. Using Ecological Niche Modelling (ENM) to plan conservation in a changing climate: A case for *Chasmanthera dependens* Hochst (Menispermaceae) in West Africa and the Cameroons. *Poster presented at the 9<sup>th</sup> Unilag Conference and Fair 8<sup>th</sup> – 10<sup>th</sup> October, 2014.*
- ✚ **ILOH AC,** Paule J, Ogundipe OT and Muellner-Riehl, AN. Genetic diversity of the “threatened” Liana *Chasmanthera dependens* (Menispermaceae) using amplified fragment length polymorphism (AFLP): implications for conservation in West Africa. *Paper presented at the 1<sup>st</sup> Global Genome Biodiversity Network (GGBN) in Kew gardens, London, U.K. 30<sup>th</sup> June-2<sup>nd</sup> July, 2014.*
- ✚ **ILOH AC,** Paule J, Ogundipe, OT and Muellner-Riehl, AN. cpDNA based Genetic Structure in *Chasmanthera dependens* (Menispermaceae), a “threatened” Liana reveals evidence of Pleistocene climatic differentiation in West Africa. *Poster presented at the 1<sup>st</sup> Global Genome Biodiversity Network (GGBN) in Kew gardens, London, U.K. 30<sup>th</sup> June-2<sup>nd</sup> July, 2014.*
- ✚ **ILOH AC,** Isu, NR, Ogundipe, OT and Onyenekwe PC. Enhancing Community based home gardens via improved Indigenous knowledge and adaptation to new technologies; a case for the optimal utilization of NUS in Nigeria *Poster presented at the 3<sup>rd</sup> International Conference on Neglected and Underutilized Species for Food Secure Africa, 25-27<sup>th</sup> September 2013, Accra, Ghana.*
- ✚ Nweke O, Osuji, CE, **ILOH, AC,** Afolabi, AS and Onyenekwe, PC. Investigation for Drought Tolerant Pearl Millet in Nigeria. *Paper presented at the 26<sup>th</sup> Annual conference of the Biotechnology Society of Nigeria (BSN), August 2013. Abuja, Nigeria.*
- ✚ **ILOH AC,** Paule J, Ogundipe OT, Onyenekwe PC and Muellner-Riehl, AN. Genetic Structure and evidence of Pleistocene climatic differentiation in West Africa; a case for the West African “threatened” Liana: *Chasmanthera dependens* (Menispermaceae). *Paper presented at the 26<sup>th</sup> Annual conference of the Biotechnology Society of Nigeria (BSN), August 2013. Abuja, Nigeria.*

- ✚ **ILOH AC**, Paule J, Ogundipe O and Muellner, A.N. Assessing genetic diversity and divergence within and among populations of the threatened plant *Chasmanthera dependens* (Menispermaceae) in West Africa. *Paper Presented at the 21st International Symposium "Biodiversity and Evolutionary Biology" of the German Botanical Society (DBG) September, 2012. Mainz, Germany.*
- ✚ **ILOH AC**, Isu N, Bahal, M and Onyenekwe PC. Community perception towards conservation and adaptation to conservation new methods in a changing environment, a case of the Umuanunu Community of Obinze, Imo State, Nigeria. *Poster presented at the Planet under Pressure 2012 25<sup>th</sup> – 29<sup>th</sup> March 2012, Excel London, UK.*
- ✚ **ILOH AC** and Ogundipe OT. Post 2010 biodiversity conservation targets: The role of DNA barcoding in conservation of Neglected and Underutilized plants (NUP) in Nigeria. *Poster presented at the Fourth International Barcode of Life Conference, 28<sup>th</sup> November- 3<sup>rd</sup> December, 2011. University of Adelaide, Australia.*
- ✚ **ILOH AC**, Omatta, G and Ogbadu, GH. Preliminary investigation of the effects of elevated temperature on some Nigerian Cereal crops. *Paper presented at the 23<sup>rd</sup> conference of the Biotechnology Society of Nigeria, Aug. 22<sup>nd</sup> -26<sup>th</sup>, 2010, Nuskka Enugu State.*
- ✚ **ILOH AC**, Ayegna, C, Onyenekwe, PC, and Ogbadu, GH. Biodegradation of Diesel oil using a modified respirometric method *Paper presented at the 23<sup>rd</sup> conference of the Biotechnology Society of Nigeria, Aug. 22<sup>nd</sup> -26<sup>th</sup>, 2010, Nuskka Enugu State.*
- ✚ Ogbadu, GH, Onyenekwe, PC and **ILOH, AC**. Improving the Nigerian conservation strategy of medicinal plants using DNA barcoding. *Paper presented at the 2<sup>nd</sup> biannual conference of the Ecological Society of Nigeria, 20<sup>th</sup> -24<sup>th</sup> Oct. 2009, Calabar, Cross Rivers State.*
- ✚ Isu, N.R., Kuta, D.D. and **ILOH, AC**. Preliminary *in vitro* regeneration of an “endangered” leafy vegetable *Gnetum africanum* (Wilw). *Paper presented at the 21<sup>st</sup> conference of the Biotechnology Society of Nigeria. 17<sup>th</sup> -19<sup>th</sup> July 2008, Abeokuta, Ogun State.*
- ✚ **ILOH AC** and Shettu GH. Micropropagation in desertification control: an afforestation option for Nigeria. *Paper presented at the 1<sup>st</sup> faculty of science national Conference of the University of Abuja Nigeria. 18<sup>th</sup>-20<sup>th</sup> July 2006, Abuja, Nigeria.*
- ✚ Ilondu EM and **ILOH, AC**. Fungi toxic activity of aqueous extracts of *Ocimum suave* on *Alternaria solani*: causal organism of leaf spot disease of *Jatropha cactus* in Abraka, Delta State. *Paper presented at the 4<sup>th</sup> International conference of the Nigerian society for Experimental biology. 15<sup>th</sup>-18<sup>th</sup> march 2006, Abraka, Delta State.*

### **BOOK PUBLICATION**

- ✚ Book of Readings on the novel coronavirus disease (COVID-19). Biotechnology Society of Nigeria, North Central Zone. (Year of Publication: 2020).
- ✚ Action Plan for Sustainable Food Systems in a COVID 19 Pandemic Era: Opportunities for Nigeria (Year of Publication: 2020).

### **PAPERS UNDER PEER-REVIEW**

- ✚ Genetic Diversity Assessment of Kidney Beans (*Phaseolus vulgaris*) accessions using Chloroplast DNA.
- ✚ DNA Based Authentications of Moringa based Herbal remedies soled in Abuja Metropolis.
- ✚ Biodegradation of Phenanthrene and Diesel oil using a modified Respirometric method.

### **HOBBIES**

- ✚ Reading books, Travelling, Meeting people, Learning new languages and Environmental/Biodiversity Conservation advocacy.

## REFEREES

✚ Prof. O.T. Ogundipe, FAS.  
Vice Chancellor, University of Lagos Nigeria.

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✚ Dr. Rufus Ebegba,  
Director General/CEO  
National Biosafety Management Agency  
Nigeria.

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✚ Dr. Rose Suniso Maxwell Gidado  
Director, Agricultural Biotechnology Department  
National Biotechnology Development Agency  
Country Coordinator Open Forum for Agricultural Biotechnology (OFAB) Nigerian Chapter.

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