

## **CURRICULUM VITAE**

1. NAME: Dr. Sanpha Kallon
2. DATE OF BIRTH: 6<sup>th</sup>December, 1961
3. PLACE OF BIRTH: Kholifa Rowalla Chiefdom, Tonkolili District
4. SEX: Male
5. NATIONALITY: Sierra Leonean
6. MARITAL STATUS: Married with five children
7. MAILING ADDRESS: Animal Science Department, School of Agriculture,  
Njala University, Njala Campus, PMB, Freetown
8. Mobile Phone: +23276416718
9. Email: skallon@njala.edu.sl/kallonsanpha73@gmail.com

9. PRESENT PROFESSIONAL POSITION: Senior Lecturer

### 10. UNIVERSITY EDUCATION

- a. 1984 – 1988; Njala University College, now Njala University, Sierra Leone
- b. 2005- 2006 : Njala University College, now Njala University, Sierra Leone
- c. 2009 – 2013; South China Agricultural University Guangzhou, China

### 11. ACADEMIC QUALIFICATION

- d. 1988 B.Sc. Agricultural Education ; Njala University college, University of Sierra Leone  
B. Sc. Project: The effect of Magbass Sugar Complex on rice and potato farmers in Kholifa Chiefdom.
- e. 2006 M.Sc. Animal Science  
MSc. Thesis: Meat Consumption Pattern of Urban Dwellers ( A case study of Freetown Municipality)
- f. 2013 Ph.D. Animal nutrition and feed science, South China Agricultural University, China.  
PhD Thesis: Ginseng and Astragalus polysaccharides are potential adjuvants for the formulation of avian influenza vaccine.

### 12. PROFESSIONAL SKILLS AND EXPERTISE

- g. Ration formulation of poly-gastric and mono-gastric animals
- h. Animal Breeding technologies
- i. Animal production(poultry, ruminant and non-ruminant)
- j. Computer literate – MS Word, Excel, Power point, etc.
- k. Statistical programs – Statistical Analysis Systems(SAS)

### 13. SCHOLARSHIP, FELLOWSHIPS AND PRIZES

- l. Sierra Leone Government Grant in Aid – Undergraduate scholarship from 1984-1988
- m. Sierra Leone Government Grant in Aid – Undergraduate scholarship from 2005-2006
- n. Chinese Government Scholarship; State Education Commission (Postgraduate from 2009 – 2013)
- o. Public Relation Officer(PRO) – Foreign Students, South China Agricultural University

### 14. WORK EXPERIENCE AND JOB PROGRESSION

- P. October, 2018 to present- Senior Lecturer, Animal Science, NU
- p. November, 2013 to present – Lecturer 1, Animal Science Department, NU
- q. 2009 – Senior Lecturer Milton Margai College of Education and Technology Goderich Campus
- r. September 2005 – Lecturer Milton Margai College of Education and Technology Goderich Campus
- s. January 2003 - Assistant Lecturer Animal Science Department, Milton Margai College of Education and Technology Goderich Campus Freetown Sierra Leone
- t. September, 1999- Methodist Boys High School Kissy Mess Freetown
- u. November, 1991 –1996- Senior Teacher, Government Secondary School Boys Magburaka..

### 15. DETAILS OF TEACHING EXPERIENCE AT UNIVERSITY LEVEL

**Full time teaching:** 2013 to date, Njala University

#### **Undergraduate courses taught**

##### **B.Sc. (Honors) Animal Science**

Animal nutrition 1 and 2  
Grassland Management  
Veterinary Immunology  
Animal diseases  
Introductory Animal biotechnology  
Applied Animal Biotechnology  
Small and large ruminants' production  
Non-ruminant production (Poultry and Pig production)

#### **Postgraduate courses taught**

##### **M.Sc. Animal Science**

Advanced ruminant and non-ruminant production  
Advanced Animal nutrition  
Veterinary immunology  
Advanced Meat Technology

## 16. PROJECTS/DISSERTATIONS/THESIS SUPERVISED

### Calendar Months M. Sc. Dissertations

On-Farm evaluation of Moringa oleifera Leaf Meal (MOLM) in the diet of layer growers in Sierra Leone 2015

Current trends in livestock development in Sierra Leone - 2014

**Undergraduate (B. Sc.) Project:**  
**Supervised many projects since 2013**

## 17. DETAILS OF ADMINISTRATIVE EXPERIENCE AND SPECIAL RESPONSIBILITIES

- i External Examiner, EBKUST( 2018 to present)
- ii .Agriculture Cluster Lead, AQHED/SL SPHEIR Project
- iii. Member, Curriculum Review Committee, NU
- iv. Head, Examination committee (2015- to now)
- v. Farm Practice coordinator (2015- to now)
- vi Member Animal Production Division Njala University(2014 to now)
- vii. Team Leader West Africa Examination School Certificate Examination(2009 to now)
- viii Assistant Marshall Njala University(2014 to now)
- ix. Member Disciplinary Committee School of Agriculture Njala University
- x Member investigation committee
- xi Member Welfare committee

## 18. UNIVERSITY/PUBLIC SERVICE

- a Adviser – Muslim Students’ Association (MSA), Njala University
- b. External Examiner, EBKUST( 2018 to present)

## 19. RESEARCH

### Completed

- a. Conduct a trial on use of Moringa as feed supplement for poultry production in Bombali and Kenema district.
- b. Train CAFOD and partners’ staff and beneficiaries on the research procedures, feeding and watering regime, record keeping etc.

## 20. PUBLICATIONS:

### ARTICLES PUBLISHED IN LEARNED JOURNALS

1. Alhaji Mohamed Hamza Conteh, Brima Gebge, **Sanpha Kallon**. Using Multinomial Logistic Regression Model (Mlrm) To Assess The Factors Influencing The Selection Of Farming Business By Cassava And Rice Farmers In Bombali District, Sierra Leone. International Journal of Advanced Research and Publications ISSN: 2456-9992. Volume 5 Issue 11, November 2022 [www.ijarp.org](http://www.ijarp.org).
2. Alhaji Mohamed Hamza Conteh, Brima Gebge , **Sanpha Kallon**. Employing. The Ordinary Least. Square (Ols) Technique To Assess The Effect Of Weather Parameters On Rice .Cultivation In Sierra Leone. International Journal of Advanced Research and Publications ISSN: 2456-9992. Volume 5 Issue 11, November 2022 [www.ijarp.org](http://www.ijarp.org)
3. Abdul Rahman Sesay, **Sanpha Kallon**, Mahmud Emkay Sesay. Analysis of the Awareness, Perception, and Adoption of Biosecurity Measures by Slaughterhouse Workers in Koinadugu District, Sierra Leone. International Journal of Agriculture and Animal Production. ISSN 2799-.0907 Vol: 02 , No. 06, Oct-Nov 2022. <http://journal.hmjournals.com/index.php/IJAAP> DOI: <https://doi.org/10.55529/ijaap.26.1.12>
4. Ibrahim Robinson Kargbo, Sumaila Moiwo Sieyeh, **Sanpha Kallon**, Abdulia Barrie. Effects Of Wood Defects On Domestic Sawn Timbers And Its Implications On Market Value In Kenema City Eastern Sierra Leone. International Journal of Advanced Research and Publications ISSN: 2456-9992. Volume 5 Issue 10, October 2022 [www.ijarp.org](http://www.ijarp.org).
5. **Sanpha Kallon**, Abdul Rahman Sesay, Saidu Kanu, Foday .Y. Koroma. Comparism Of Growth Of Local, Hybrid And Exotic Chickens On Different Management Systems At Njala University Sierra Leone West Africa. International Journal of Advanced Research and Publications ISSN: 2456-9992. Volume 5 Issue 8, August 2022
6. Abdul Rahman Sesay\*, Abdul Rahman Sesay, **Sanpha Kallon**. Livestock farmers' perception, perceived impacts, and adaptations to climate change in Koinadugu district, Sierra Leone. Journal of Applied and Advanced Research 2022, 7: 25-34 Doi: 10.21839/jaar.2022.v7.7675.
7. Abdul Rahman Sesay a\*, Abdul Rahman Sesay and **Sanpha Kallon**. Analysis of Backyard Poultry Farmers' Awareness, Perceptions, and Adaptability to Climate Change in Tonkolili District, Sierra Leone. Asian Journal of Advances in Agricultural Research 19(1): 6-17, 2022; Article no.AJAAR.90146 ISSN: 2456-8864.
8. .Abdul Rahman Sesay, **Sanpha Kallon**, Victor Patrick Bagla , Juliana Nyanda Squire Morphological Characteristics of the Indigenous West African Dwarf Goat

- in the Four Agro-Ecological Zones in Sierra Leone. American Academic Scientific Research Journal for Engineering, Technology, and Sciences ISSN (Print) 2313-4410, ISSN (Online) 2313-4402.
9. **Dr.Sanpha Kallon** , Prof.Abdul Rahman Sesay, Abdulrahman Sesay, Dr. Victor Patrick Bagla , Dr. Jesse Joseph Nyandeboe , Juliana Nyanda Squire. Biosecurity Measures in Meat and Milk Value Chains A Case Study in Koinadugu District, Northern Sierra Leone. American Academic Scientific Research Journal for Engineering, Technology, and Sciences ISSN (Print) 2313-4410, ISSN (Online) 2313-4402
  10. Jesse Patrick Joseph Nyandebo, Magdalene Umoh, Saidu Kanu, Victor Patrick Bagla1 , **Sanpha Kallon** , Abigail Muana. Loss Assessment and Quantification of Indigenous Chickens under Extensive Free-Range Management System Case Study of Host Communities of Njala University Main Campus, Sierra Leone. International Journal of Research Publication and Reviews Vol 3, no 5, pp 1606-1612, May 2022. Journal homepage: www.ijrpr.com ISSN 2582-7421
  11. Jesse Patrick Joseph Nyandebo, Victor Patrick Bagla, Saidu Kanu, Abigail Muana, **Sanpha Kallon**, Magdalene Umoh. Hunting Practice and the Risk of Rabies Transmission from the Wild to Humans in Sierra Leone. International Journal of Research Publication and Reviews Journal homepage: www.ijrpr.com ISSN 2582-7421. Vol 3 no4. Pp830-836. 2022
  12. **Dr.Sanpha Kallon**, Dr. Abdul Rahman Sesay, Dr. Tamba S. Sonda, Juliana Nyanda Squire. Dietary Behavioural Patterns of Urban Women Dwellers and Health Risk of Obesity (A Case Study of Freetown Municipality) International Journal of Science and Research (IJSR) ISSN: 2319-7064 SJIF (2022): 7.942
  13. Jesse Patrick Joseph Nyandebo , Victor Patrick Bagla , Francis Ejobi , Roland Suluku, **Sanpha Kallon**. Assessment of Facilities and Operations in Cattle Abattoirs in Kampala, Uganda. International Journal of Science and Research (IJSR) ISSN: 2319-7064 SJIF (2020): 7.80.
  14. .Abdulai Mahmood Conteh, **Sanpha Kallon**, Jesse P.J. Nyandebo and Mahmud E. Sesay.  
Livestock production: purposes, practices, and challenges in Sierra Leone.International Journal of Animal Science, Husbandry and Livestock Production ISSN: 2141-5191, Vol. . .7(6), pp. 402-414, September, 2021. Available online at www.advancedscholarsjournals.org . © Advanced Scholars Journal
  15. **Dr. Sanpha Kallon**, Dr. Tamba. S. Sonda , Abdul Rahman Sesay , Dr. Jesse Patrick Joseph Nyandebo. Broiler, Layer Production Costs and Returns at Animal Production Division (APD) Njala University, Sierra Leone West Africa. International Journal of Science and Research (IJSR) ISSN: 2319-7064 SJIF (2020): 7.803

16. Abdulai Mahmood Conteh , Sheku Kenway Moiforay, Mahmud Emkay Sesay, **Sanpha Kallon**. Prevalence of Newcastle Disease Virus Antibodies in Apparently Healthy Chickens in Sierra Leone *Animal and Veterinary Sciences* 2020; 8(5): 99-103 <http://www.sciencepublishinggroup.com/j/avs> doi: 10.11648/j.avs.20200805.12 ISSN: 2328-5842 (Print); ISSN: 2328-5850 (Online)
17. Abdulai Mahmood Conteh\*,**Sanpha Kallon**, Sheku K. Moiforay & Abdul Rahman Sesay. Knowledge, Attitudes and Practices of Goat and Sheep Farmers towards Mange Disease and Control Measures (A Rural Survey in the Moyamba District, Southern Sierra Leone.  *. Middle East Journal of Applied Science & Technology (MEJAST) (Peer Reviewed International Journal) Volume 3, Issue 1, Pages 63-74, January-March 2020*
18. **Kallon. S**, Moiforay. S .K, Kamara. A.H & Sonda. T.S,( 2017). Effect of Ebola on meat consumption patterns of rural dwellers of Tonkolili District Northern, Sierra Leone West Africa. *International Journal of Science and Research (IJSR)*,6(2),903-909,. Paper ID: ART2017688 DOI: 10.21275/ART2017688.
19. .Moiforay. S. K, **Kallon. S**, Sesay. A. R, & Sonda.T.S.(2017).Acceptability of *Gliricidia sepium* as protein supplement to *Panicum maximum* by West African Dwarf (WAD) Goats in Sierra Leone. *International Journal of Science and Research (IJSR) 6(2)*,910-918. Paper ID: ART2017742 DOI: 10.21275/ART2017742
20. Sonda. T. S, & **Kallon. S**. (2016). Functional Properties of peanut protein isolates. *Food Science Research Journal. Volume 7/Issue 2/October, 2016/345-347.* DOI:10.15740/HAS/FSRJ/7.2/345-347 (
21. . Kamara .A. H, Koroma. I, & **Kallon. S** (2016).Assessing Bushmeat Trade in Bo, Southern Sierra Leone. *International Journal of Science and Research (IJSR) Volume 5 Issue 10, . October 2016.* Paper ID: ART20162063 DOI: 10.21275/ART20162063
22. .Moiforay. S. K, **Kallon. S**, Sesay .A .R,& Sonda. T .S. (2016). On-Farm Evaluation of *Moringa oleifera* Leaf Meal (MOLM) in the Diet of Pullets in Sierra Leone. *International Journal of Science and Research (IJSR) 5(10)*.PaperID: ART20161679.DOI: 10.21275/ART20161679
23. .Sonda. T. S, **Kallon. S.**, & Moiforay. D. (2016). Comparative Analysis of the Effects of Enzymatic Hydrolysis on the Physico-chemical and Functional Characteristics of Peanut Protein Isolates Extracted from Defatted Cold Pressed Peanut Meal Flour (*Arachis hypogaea* L.) *Asian Journal of Agriculture and Food Sciences*(ISSN: 2321-1571) Volume 04-Issue 05,
24. A.Y. Abdullahi<sup>1,2</sup>, X.G. Yu<sup>1</sup> , Y.Q. Fu<sup>1</sup> , M.W. Wang<sup>1</sup> , N.S. Qi<sup>1</sup> , M.H. Xia<sup>4</sup> , S. Kallon<sup>3,4</sup>, W.D. Pan<sup>1</sup> , X.L. Shi <sup>1</sup> , Y. Fang<sup>1</sup> , S. Wu<sup>1</sup> , W. Hu<sup>1</sup> , L.P. Tan<sup>1</sup> , K.X. Li<sup>1</sup> , Z. Wang<sup>1</sup> , J.J. Zuo<sup>4</sup> , D.Y. Feng<sup>4</sup> and G.Q. Li<sup>1</sup>. Effects of Dietary Supplement of Organic Acids Induced Protective Immunity against Coccidiosis. *Iranian Journal Animal Science* (2020) 10(1), 119-129. Received

- on: 1 Feb 2019 Revised on: 9 May 2019 Accepted on: 15 May 2019 Online  
Published on: Mar 2020.
25. .Abdullah.A.Y, **Kallon.S.** , Yu. X, Zhang.Y. L. & Li. G. (2016). Vaccination with Astragalus and Ginseng Polysaccharides Improves Response of Chickens against H5N1 Avian Influenza Virus. Hindawi Publishing Cooperation Biomed Research International, Volume 2016, Article ID 1510264. (DOC 033)
  26. Tamba. S. Sonda and Sanpha Kallon. Analysis of Functional Properties of Peanut Protein isolates as affected by oil extraction methods. Foo Science Research Journal. Volume 7/issue2/October 2016/ 148-155. DOI 10.15740/HAS/FSRJ/7/2/148-155
  27. **Kallon.S.** & .Abdullahi.A.Y. (2015).Immunity against Avian Influenza Virus panax Ginseng Polysaccharide (GPS) Can Improve Immunity. Iranian Journal of Applied Animal Science, Iranian Journal of Applied Animal Science (2015)5(3), 715-72264.
  28. **Kallon. S.**, Li. X, Ji .J., Chen.C. , Xi.Q. , Chang.S. , Xue.C. , Ma.J. Xie. Q.,& Zhang.Y. (2013). Astragalus Polysaccharide enhances immunity and inhibits H9N2 avian influenza virus in-vitro and in-vivo. Journal Of Animal Science and Biotechnology2013,4:22 .BioMed Central.
  29. .Ye,S.R, Xi, Y. Qien, Q, Cheng X. Ting C. Li, H, **Kallon S.**, Shu G, ,Bo. S, Wang, Qing-Yan, Jiang Zhang T. L (2013).Differentially Expressed miRNA after GnRH Treatment and Their Potential Roles in FSH Regulation in porcine Anterior Pituitary Cell. PloS ONE 8(2):e57156.doi:10.1371/journal.pone.0057156
  30. .Xie Q., Li,X, **Kallon S.**, J. Ji, Q.Xi, C. Xue, J. Ma and. Zhang. Y.(2012).Pinon shell polysaccharide enhances immunity against H9N2 Avian Influenza Virus in Chickens..PoultryScienceAssociationINC91:2767-2773.  
<http://dox.doi.org/10.3382/ps:2012-02431>

#### Chapters in referred book

1. **Kallon. S.**, Moiforay. Sesay. A. R. & Sonda. T. S., (2015). In- Vivo Antiviral effect of Ginseng Polysaccharide in Chickens infected with H9N2 Avian Influenza Virus Book: New Dimensions in Microbiology. Publisher: Lenin Media Private Limited, Delhi, India Editors: Khan, M.A.A, et al, 2015. ISBN; 978-93-85160-84-4. Chapter 23.
  2. **Kallon. S.** , Moiforay S. K, Sesay. A. R & Tamba. S. Sonda (2015). Book: New Dimensions in Microbiology. Publisher: Lenin Media Private Limited, Delhi, India Editors: Khan, M.A.A, et al, 2015. ISBN; 978-93-85160-84-4. Chapter 24
21. MAJOR CONFERENCES/WORKSHOPS ATTENDED WITH DATES AND
1. National Consultant - Sierra Leone country report validation workshop 26<sup>th</sup> July, 2013 –Current status of livestock/meat and milk value chains) “Support to policy initiatives for the development of livestock/meat and dairy value chains in West Africa project (TCP/SFW/3402”

2. .Surveillance of Human-Animal Disease in West Africa. Conducted by the Centre for Control and Prevention of Zoonoses(CCPZ) University of Ibadan, Nigeria and Njala University, Sierra Leone November 2015
3. Team Building and Grant Writing Workshop. Njala University Society For Academic Advancement 2015
4. Fellowship on Animal nutrition and feed science. University of Nairobi Kenya February – April 2018

22. **REFEREES**

- 1Prof. Abdulrahman Sesay: Dean School of Post Graduate Studies Njala University
2. Prof. Mohamed Fofanah: Deputy Vice Chancellor Bo Campus Njala University
3. Prof. Alieu Mohamed Bah: Dean School of Agriculture Njala University

SIGNED



Dr. Sanpha Kallon (1<sup>st</sup> August, 2023)