

Résumé of Prof. ONIFADE, Olufemi Sunday



E-mail: onifadeos@funaab.edu.ng

Organization: Federal University of Agriculture, Abeokuta

College: College of Animal Science and Livestock Production

Department: Pasture and Range Management

Rank: Professor

Prof. Olufemi Sunday Onifade was born sixty six years ago. He grew up in Offa, Kwara state as a child up to 1965 and went to Minna, in Niger state to complete the Primary school education. He proceeded to Baptist High School, Jos for the secondary education up to 1972. Femi attended Ahmadu Bello University (ABU) Zaria for the pre degree and degree programmes in B.Sc. (Agric.). He obtained both the M. Sc. and Ph.D degrees in Animal Science from the same institution.

Prof. Onifade commenced his career in Forage Agronomy and Utilization at the National Animal Production Research Institute (NAPRI), ABU, Shika, Zaria in 1978 after the Youth Service Scheme. While in Zaria he was involved in teaching, research and extension activities within and outside the University. He coordinated many research projects and served in different capacities in the institute / University. Prof. Onifade collaborated with international bodies / organizations such as GTZ, IITA, ILCA/ILRI, African Feed Resource Network (AFRNET), and national agencies: Federal Ministry of Agriculture and Natural Resources (FMARD), states Ministries of Agriculture, among others on different research/ extension projects. In addition, he taught courses and supervised post graduate students of the Faculty of Agric. ABU, Zaria.

In July, 2000, Prof. Onifade transferred his services to the Federal University of Agriculture, Abeokuta and was promoted to the rank of Professor in 2005. He has served as Ag. Head of Department, Pasture and Range Management, Deputy Dean, COLANIM, Dean, Student Affairs, Director, Centre for Entrepreneurial studies and as member of some committees in the university. Prof. Onifade has supervised over 100 undergraduate projects, 25 M.Agric. dissertations and 7 Ph. D theses in areas of forage production, conservation, utilization and ruminant nutrition. He has authored and co authored 47 journal articles and 25 conference proceedings. Prof. Onifade presented his inaugural lecture on April 26, 2017.

Prof. Onifade was the President of the Society for Grassland Research and Development in Nigeria (SOGREDEN) from 2010 to 2017. He represented the Range and Pasture Discipline in the Council of the Nigerian Institute of Animal Scientists (NIAS). He is married to Prof. Comfort Onifade and they are blessed with children and grand children. Apart from scientific endeavours, Prof. Onifade enjoys travelling and as a lover of gospel songs he still ministers as a chorister in the church.

CURRICULUM VITAE

01. PERSONAL

| | |
|--------------------------------|--|
| i. Full name: | ONIFADE, Olufemi Sunday |
| ii. Date of birth: | 5 th June, 1955. |
| iii. Place of Birth. | Ipee, Kwara State |
| iv. Age. | 66 years |
| v. Sex. | Male |
| vi. Marital Status | Married |
| vii. Nationality | Nigerian |
| viii. Town and State of Origin | Ipee, Kwara State |
| ix. Contact address | Department of Pasture & Range Management, College of Animal Science & Livestock Production. Federal University of Agriculture (FUNAAB). Abeokuta, P M B 2240, Abeokuta, Nigeria. |
| x. Telephone No. | +2348037163500, 07060868555 |
| xi. E. mail Adress: | onifadeos@funaab.edu.ng ORCID ID 0000- 0001-5490-9613 |
| xii. Present post and salary | Professor, CONUASS 7/10 |

02. EDUCATIONAL BACKGROUND

i. Educational institutions Attended (with dates)

| | |
|---------------------------------------|-------------|
| Baptist High School, Jos. | 1968 - 1972 |
| Ahmadu Bello University, (ABU) Zaria. | 1973 – 1992 |

ii. Academic and Professional Qualifications (with dates)

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|---|------|
| a) W.A.S.C | 1972 |
| b) B.Sc. Agric. Ahmadu Bello University (ABU). Zaria. | 1977 |
| c) M.Sc. Animal Science, ABU. Zaria. | 1983 |
| d) Ph.D. Animal Science, ABU. Zaria. | 1993 |

03. WORK EXPERINCE

- a. Teaching as a National Youth Services Corps member at Teacher's College, Jada - Yola, Adamawa State. 1977-1978.
- Graduate Assistant, NAPRI, ABU, Zaria. 8th Sept. 1978
- Senior Research Fellow, NAPRI, ABU, Zaria. 1st Oct. 1993
- Reader, FUNAAB, Abeokuta. 3rd July, 2000
- Professor, FUNAAB, Abeokuta 1st Oct. 2005

b. University Teaching (Area of specialization- Forage production and utilization)

i) ABU, Zaria:

- * ANS 446 (3 units): Pasture production, 20 -30 students/session 1991-1998.
- * ANS 711 (3 units): Advance Pasture production, 4 students 1999-2000

ii) FUNAAB:

Post graduate level

- * ANS 805 (3 units): Adv. Techniques in Animal Sci. Research, 15-60 students, 5 lecturers Course coordinator (2006 to 2010) 2000/2001 to 2013
- * CRP 809 (3units): Pasture production, evaluation and utilization 4 -8 students, 2 lecturers, 2016 to date
- * PRM 803 (3 units): Pasture Research Methodology, 2 lecturers 2002/2003 to date
- * PRM 805 (3 units): Pasture Seed Production and Marketing, 2 lecturers 2002/2003 to date
- * PDA 722 (3 units): Pasture Management and Animal Production, 2 lecturers 2000 to 2010
- * PDA 725 (3 units): Principles of forage production, sole lecturer 2000 to 2001

Under graduate level

- * APH 202 (3 units): Introduction to Animal Agriculture, 1000 to 3,000 students, 5 lecturers. 2000/2001 to 2015
- * PRM 201 (2 units): Introduction to Forage Science, 700 - 1500 students, 4 lecturers. 2009/2010 to date
- * PRM 302 (3 units): Introduction to Pasture and Range Management. 3 lecturers. 2016/2017 to date
- * ANS 303 (2 units): Entrepreneurial Skills in Animal Agriculture 500 students, 5 lecturers. 2016/ 2017 to date
- * PRM 505 (3 Units): Principles of Pasture and Range Sciences, 140-250 students, 2 lecturers 2002/2003 to 2012
- * PRM 504 (3Units): Management of Grasslands, 100 students. 2 lecturers. 2002/2003 to date
- * PRM 507 (2 units): Pasture Measurements and Evaluation Techniques 2018 to date

c. Professional experience

- NAPRI (ABU, Zaria); Research, Administration, Lecturing & Extension 1978- 2000.
- FUNAAB, Abeokuta: Research/Lecturing /Administration July 2000 to date.

d. Students Supervision

- i **Undergraduate:** at FUNAAB. 2000 to date. **Total = 134**

04. SPECIAL ASSIGNMENTS/ COMMUNITY SERVICE

- > Member, Executive Council of Calvary Baptist Church, Samaru 1991- 2000.
- >Member, Area G (Staff Quarters) Welfare Association, ABU. Zaria. 1991- 2000.
- >Member, Sam Ewang Estate Welfare Association, Abeokuta 2000 to 2009.
- > Member, Centre for Peace Promotion in Educational Institutions (CEPRO) an NGO 2004 to date.
- > Member, OGD Estate Welfare Association, Asero, Abeokuta 2009 to date.
- > Member, Board of Trustee: Initiative for Peace and Comfort, an NGO. 2010 to date
- > Music Director, Ogun Baptist Conference. Feb 2017 to date
- > Chairman, Local School Board, Bapt. Boys High Sch, (Missions), Abeokuta. Feb. 2018 to date
- > Music ministry, (Choir member) 1968 to date

05. TRAINING PROGRAMMES ATTENDED (with dates)

- (a) Pasture Production & Evaluation Course (ILCA) Addis Ababa, Ethiopia. Oct. 1989
- (b) National Training Workshop on Solar Thermal Applications (Solar Energy Research Centre, Usmanu Dan Fodiyo University, Sokoto), 27- 30 March 1995
- (c) Computer Application for NARIs Scientists, APMEU Hqt. Kaduna. 16-31 June 1997
- (d) African Women in Agricultural Research and Development (AWARD) Mentoring Orientation Workshop (MoW) in Kenya. 2009
- (e) Workshop on writing Grant winning Proposal for Academic staff, FUNAAB 2013, 2018
- (f) Annual Mandatory Continuing Professional Education (MCPE) for Animal Scientists 2015 to date
- (g) FUNAAB/AWARD / GRARD (Gender Responsive Agricultural Research and Development) Mentoring Orientation Workshop (MoW) Abeokuta. 13 – 17 May. 2019

06. COMMENDATION - none

07. MEMBERSHIP OF PROFESSIONAL BODIES

- Nigerian Society for Animal Production, 1989 to date. (MNSAP)
- Africa Feed Resources Network, (AFRNET) 1989 to 1996
- Tropical Grassland Society of Australia, 1993 to 1995
- Indian Society of Seed Technology, 1995 to 1997
- Animal Science Association of Nigeria, 2000 to date.
- International Grassland Congress, 1993 to date
- International Rangeland Congress. 2008 to date
- Society for Grassland Research and Development in Nigeria (SOGREDEN), 2010 to date.
- Nigerian Institute of Animal Scientists (NIAS). July, 2010 to date (RAS 0625)

08. RESEARCH INTEREST OR COMMISSIONED PROJECTS

- * Integrating stylo into crop livestock systems in Giwa LG of Kaduna state. FRNET-ILCA. \$1,500.00 . (1994-1995).
- * Feed, Forage and Seed Production Resources. Sponsored by NARP (₦ 2.5 m). (1994-1996)
- * Evaluation of dual purpose groundnut and cowpea accessions for small holders. ILRI, Ibadan-IAR, Zaria. N 75,000.00. (1997-1999).
- * Screening of forage legumes for fadama land in Plateau and Kaduna states. WARDA-ILRI- Catholic Secretariat. N350,000.00. (1995-1997).
- * RESDEC - FUNAAB (RG 205). N150, 000.00 (2006 - 2008).
- * TETFund project. Mitigating the impact of pastoral grazing on the natural ecosystem and rural livelihoods in Yewa division of Ogun State. (member of research team). (2014 to 2015)
- * TETFund project. Legume based pellets as dry season feed resources for ruminant animals. (TETFund /ESS.D/10/LR - 2017). ₦1.49m (member of research team). (2015 to 2016).
- * Study to Support and Inform the Development, Review and Implementation of Controlled Grazing Policy in Nigeria. Sponsored by Synergos. (Member of Consulting team). Nov. 2017 to Feb. 2018.
- * TETFund project. (member of research team). Exploring commercial year - round hay production and haulage for ex situ feeding of cattle in the livestock transformation plan for Nigeria. (TETFund DR &D/CE/NRF/UNI/ ABEOKUTA/STI/VOL1) N35.0m. July 2020 to date

09. UNIVERSITY EXTENSION ACTIVITIES

a. Brief description of extension activities

- * Resource Personnel at the Monthly Technical Review Meeting (MTRM) of Agricultural Development Project (ADPs) in some states of the country. 1988 to 2000.
- * Core team member of Livestock Diagnostic Survey for Sokoto and Zamfara states. 1994.
- * Introduction and Monitoring of Forage Crops among small holders in Kaduna state. 1993 - 2000.
- * Consultant, Agricultural Extension Services to Pastoralists in Lata and Gidan Magajiya Grazing Reserves in Kwara States. A project executed under the Petroleum Trust Fund (PTF) March –Dec. 1998.
- * Consultant to Synergos on Controlled Grazing Policy in Nigeria. Nov. 2017 to June 2019
- * Consultant to Synergos on the establishment of a ranch in Ondo state Aug. 2019

b. University extension reports presented

c. Resource inputs into training and workshop

1. **Onifade, O. S.** and Alabi, E. F. (1990). Management of pasture for small ruminants. In: The Nigerian Sheep and Goat Production Manual (Eds. O. A. Osinowo and A. A. Abatan), NAPRI, 1990 pp 73-77.
2. **Onifade, O. S.** (1990). Production and Utilization of Browse plants. In: Rangeland-Pasture Development and Management in Nigeria - Training Manual (Eds. M. S. Kallah, *et al.*) NAPRI, 1990 pp. 84-94.
3. **Onifade, O. S.** (1992). *Brachiaria decumbens* and *Leucaena leucocephala* as promising forage species. Paper presented at the National Training on Pastures and Rangeland Management. NAERLS, ABU 18-22nd May, 1992.
4. **Onifade, O. S.** (2004). Grazing management systems. In: Forage Production and Management in Nigeria. A Training Manual. (Eds. J.O. Gefu and J.T. Amodu) NAPRI, Zaria. p 18-22.
5. **Onifade, O. S.** 2018. Entrepreneurial skills for profitable employment. Paper presented at the training programme tagged “Branding FUNAAB graduates for employability and marketability. Held Feb. 28, 2018.
6. **Onifade, O. S.** (2018). Prospect of pasture farming in Nigeria. Paper presented at the 2nd International Exhibition and Conference of Nigerian Poultry and Livestock Expo (NIPOLI) held 4 to 6th April, 2018 at Int. Conf. Center, University of Ibadan, Ibadan.
7. Dele, P. A and **Onifade, O. S.** (2018). Pasture establishment and management. Paper presented at the Training Workshop on Cattle Ranching. Organized by Abass Ranch Opeji. at Wenby Suites, Abeokuta, 12 to 14 April, 2018.
8. **Onifade, O. S.** (2018). Pasture production. Paper presented at the Training of Extension Officers Kaduna, Kogi and Benue states. Organized by Synergos, Abuja at Lokoja from 15th to 17th Nov. 2018.

10. OTHER ACTIVITIES WITHIN THE UNIVERSITY SYSTEM

A. IN FUNAAB, ABEOKUTA

- * Director, Centre for Entrepreneurial Studies, CENTS. April 2013 to April 2015.
- * Dean, Student Affairs Division. May 2012 to April 2013.

- * Ag. Head, Dept. of Pasture and Range Management. August 2000 to 2004.
- * Member, Curriculum Committee, 2001-2004; 2017 to date.
- * Member, University Publication Committee 2017 to date.
- * Assessor for three academic staff of Ahmadu Bello University to Professorial cadre. 2015 – 2018
- * Assessor for one academic staff of Usmanu Dan Fodiyo Univ. Sokoto to Professor 2016
- * Assessor for one academic staff of Tai Solarin Univ. of Education to Reader Aug. 2019
- * Assessor for one academic staff of Federal Univ. of Agric. Makurdi to Professor Oct. 2019
- * Assessor for one academic staff of Ahmadu Bello University to Reader cadre. Oct. 2021
- * External examiner for Ph.D students of the Dept of Agronomy, Univ. of Ibadan. Dec. 2003 and 2009.
- * External examiner for M. Agric. student of the Dept of Animal Science, ABU, Zaria. 2012
- * External examiner for M. Agric. student of the Dept of Animal Science, Fed.Univ. of Agric.Makurdi. October, 2016
- * Reviewer, Book for TETFund academic manuscript/ book development. April, 2017.
- * Deputy Dean, COLANIM. Nov. 2005 to 2009.
- * Chairman, University Loans Committee. 2007 to 2008.
- * Coordinator, PG Studies. COLANIM. 2005 to 2009.
- * Member, Postgraduate Board, FUNAAB. 2000 -2004; 2005 to 2009.
- * Member, Admissions Committee. 2006 to 2010.
- * Member, College Board, COLANIM. August 2000 to date.
- * Member, College Board, COLPLANT. 2001 to 2003.
- * Member, Senate of FUNAAB. 2000 to 2004; 2008 to date.
- * Leader, Pasture Management Technical Committee (PAMTEC). 2001 to 2009; 2014 to 2017
- * Member, Small Ruminant Technical Committee (SRTEC). Aug. 2000 to 2009.
- * Member, Cattle Management Technical Committee. (CAMTEC). 2001 to 2009.

B. IN NAPRI, ABU, ZARIA

- * Member, NAPRI Management Committee. 1991 to 2000.
- * Member, NAPRI Professional and Academic Boards. 1991 to 2000.
- * Member, Local Organizing Committee of National Forage Seed Workshop. Nov.1992.
- * Leader, Forage & Crop Residue Research Programme Committee. 1991-2000.
- * Member, Small Ruminant Research Programme Committee, NAPRI. 1993-2000.
- * Member, Cattle Research Programme Committee, NAPRI. 1994-2000.
- * Member, Livestock Systems Research Programme Committee, NAPRI. 1995-2000.
- * Ag Programme Leader: Forage and Crop Residue Research Programme (FCRRP) June 1991 -1993.
- * Programme Leader, FCRRP. Feb.1993 to 2000.
- * Thrust Coordinator: Feed, Forage and Seed Production Resources (A sponsored National Agric. Research Project). 1994 to 1996.

11. PUBLICATIONS

A. Thesis / Dissertation / Inaugural lecture

1. **Onifade, O.S.** 1977. Comparison of dry matter digestibility of six roughages using the one stage versus two stage *in-vitro* technique. Project submitted in partial fulfillment for the **B.Sc. (Agric.)** ABU. Zaria.

2. **Onifade, O.S.** 1983. Effect of seeding ratio, sowing method and nitrogen level on the growth of Rhodes grass (*Chloris gayana* cv. Callide/stylo (*Stylosanthes guianensis* cv. Cook) in Northern Nigeria. **M.Sc.** Dissertation, ABU, Zaria.
3. **Onifade, O.S.** (1992). Effect of stocking *Chloris gayana* - *Stylosanthes guianensis* pastures with Sheep on plant and animal performance. **Ph.D.** Thesis, ABU, Zaria.
4. **Onifade O S** (2016). Grasses: Production and management for sustainable livestock industry. **53rd Inaugural lecture** Presented 26th April, 2017 at Federal University of Agriculture. Abeokuta.

B. Articles in Learned Journals

1. **Onifade, O.S.** and Akinola, J.O. (1986). Effect of seeding ratio and sowing method on the production of Rhodes grass/stylo swards in the Northern Guinea Savanna of Nigeria. *J. Anim. Prod. Res.* 6: 29-37.
2. **Onifade, O.S.**, de Leeuw, P.N. and Kera, B.S. (1990). Effects on forage yields of oversown *Stylosanthes* spp. in sown pastures at Shika, Nigeria. *J. Animal Prod. Res.* 10:31-39.
3. **Onifade, O.S.** and Akinola, J.O. (1990). Effects of nitrogen and cutting management on the performance of Rhodes grass/stylo swards. *J. Anim. Prod. Res.* 10:41-48.
4. Omokanye, A.T. and **Onifade, O.S.** (1993). Effect of storage and scarification time on seed germination of Centro (*Centrosema pubescens*). *Seed Research (India)* 21: 21-25.
5. Omokanye, A.T., Amodu, J.T. and **Onifade, O.S.** (1995) Effect of post scarification storage period on seed germination of *Leucaena leucocephala*. *Seed Res. (India)* 23:88-90.
6. Omokanye, A.T., Amodu, J.T. and **Onifade, O.S.** (1996). Effects of phosphorus and harvest time on dry matter yield, nitrogen and phosphorus contents of horsegram (*Macrotyloma uniflorum*). *Tropicultura (Belgium)* 14: 73-76.
7. Kaleja, V., Tarawali, S.A., Peters, M., **Onifade, O.S.** and Schultze Kraft R (1996). Collecting indigenous forage legumes in northern Nigeria. *Plant Genetic Resources Newsletter.* 107, 31-35.
8. Lakpini C A M, Balogun B I, Alawa J P, Onifade **O. S** and Otaru, S.M. (1997). Effects of graded levels of sun dried cassava peels in supplement diets fed to Red Sokoto goats in the first trimester of pregnancy. *Animal Feed Science & Tech.* 67:197-204.
9. **Onifade, O.S.**, Adamu, A.M. and Agishi, E.C. (1999). The effect of time of initial cutting on forage yield and quality of three pasture grasses at Shika, Nigeria. *Nig. J. Animal Prod.* 26:93-97.
10. Omokanye, A.T., **Onifade, O.S.**, Amodu, J.T. & Balogun, R.O. (2000). Effect of phosphorus application on seed production of horsegram (*Macrotyloma uniflorum*). *Seed Research (India)* 28:145-148.

11. Amodu, J.T., Omokanye, A.T., **Onifade, O.S.** (2000). The effect of hot water and acid treatment on early establishment of *Leucaena leucocephala*. Seed Research (India) 28:226-228.
12. Omokanye, A.T., **Onifade, O.S.**, Olorunju, P.E., Adamu A.M., Tanko, R.J. and Balogun R.O. (2001). The evaluation of dual purpose groundnut (*Arachis hypogaea*) varieties for fodder and seed production at Shika, Nigeria. J. Agric. Sci. (Camb) 136: 75-79.
13. Omokanye A.T., **Onifade, O.S.** Amodu J.T. and Kallah, M.S. (2001). **Research note:** The performance of forage germplasm in a screening trial at Shika, Nigeria. Trop. Grasslands. 35:48-52.
14. **Onifade, O.S.** Omokanye and Amodu J.T. (2001). The influence of seed rate and fertilizer type on growth of *Tridax procumbens* in sub humid Nigeria. Tropicultura (Belgium) 19:70-74.
15. Omokanye, A.T. Balogun R.O. **Onifade O.S.**, Afolayan R.A. and Olayemi M.E. (2001). Assessment of preference and intake of browse species by Yankasa sheep at Shika, Nigeria. Small Ruminant Research 42: 203-210.
16. Amodu, J.T., Kallah, M.S. **Onifade, O.S.**, Omokanye A.T. and Adeyinka I.(2001). The effect of harvesting at different growth stages on yield and quality of three late maturing pearl millet accessions in Northern Nigeria. Tropical Grasslands 35:175-179.
17. **Onifade O.S.**, Adu I.F. and Akinola J.O. (2002). Effect of stocking rate on Rhodes grass/stylo pasture in Northern Guinea Savanna Zone of Nigeria. 2. Plant and animal performance. Nig. J. Anim. Prod. 29: 55- 63.
18. Omokanye A.T., Olorunju P E, **Onifade O. S.** and Olaosebikan, I (2002). On-farm assessment of selected dual purpose groundnut cultivars for food and feed. Nig. J. Anim. Prod. 29: 299- 307.
19. Omokanye, A. T., **Onifade, O. S.**, Adeyinka, I. A. and Tanko, R. J. (2002). Effect of seeding rate and sowing method on seed yield and yield components of horsegram (*Macrotyloma uniflorum*). Seed Res. (India) 30: 51-55.
20. Omokanye, A. T., **Onifade, O. S.**, Amodu, J. T., Balogun, R. O. and Kallah, M. S. (2003) Evaluation of dual-purpose cowpea (*Vigna unguiculata*) varieties for grain and fodder production at Shika, Nigeria. Tropicultura (Belgium) 21: 42-46.
21. Amodu, J.T. **Onifade, O.S.**, Kallah, M.S., Adeyinka I. A., and Alawa, J.P. (2003). Sowing date and spacing influence on fodder and seed yields of lablab in northern guinea savanna of Nigeria. ASSET Series A. 3: 53-58.
22. Omokanye A.T., Amodu J.T. and **Onifade O.S.** (2004) Influence of intra-row plant spacing, phosphorus application and growth stage on the forage, seed yields and quality of phasey beans (*Macroptilium lathyroides*) in subhumid area of Nigeria. Nig. J. Anim. Prod.31: 45-50.
23. **Onifade, O. S.**, Jolaosho, A. O., Arigbede, O. M., Fageyinbo, O.O and Oyeladun, A.M. (2005). Effects of seed rates and sowing methods on the growth and forage

production of *Tephrosia bracteolata* in South West Nigeria. Trop. J. Anim. Sci. 8: 63-68.

24. Jolaosho, A. O.; Arigbede, O. M., **Onifade, O. S.**; Olanite, J. A. and Akinola, T.O. (2005). Population viability and size of seeds recovered from the faeces of ruminant animals in the early rainy season. Trop. J. Anim. Sci. 8: 109-114.

25. Olanite, J. A.; Arigbede, O. M.; Jolaosho, A. O. **Onifade, O. S.**; and Alabi, B.O. (2006). Effect of cutting intervals on the dry matter yield and nutritive quality of two varieties of *Panicum maximum* in the humid zone of Nigeria. ASSET. Series A 6: 171-180.

26. Jolaosho, A. O., Oduguwa, B O., **Onifade, O S.**, Babayemi, J O (2006). Effects of ingestion by cattle and immersion in hot water and acid on the germinability of rain tree (*Albizia saman*) seeds. Trop. Grassl. 41: 244-253.

27. Amodu, J T., **Onifade, O S**, Adeyinka, I A., Jegede, J O and Afolayan, S B (2007). The effect of stock length, stock diameter and planting angle on early establishment of *Gliricidia sepium*. Pakistan J. Biol. Sci. 10: 632-636.

28. Anele, U Y, Arigbede, O M, Olanite, J A , Adekunle, I O , Jolaosho, A O , **Onifade, O S** and Oni, A O (2008). Early growth and seasonal chemical composition of three indigenous multipurpose tree Species MPTS in Abeokuta, Nigeria. Agroforest Systems. 73: 89-98.

29. Arigbede, O M, Anele, U Y, Jolaosho, A O, Olanite, J A, **Onifade O S** and Wahab, T A (2008). Chemical composition and *in vitro* gas production of African Breadfruit (*Treculia africana*) ar. Decne. Archivos de Zootecnia 57:113-121.

30. Arigbede, O M , Anele, U Y, Oduguwa, B O Jolaosho, A O , Olanite, J A and **Onifade, O S** (2008). Replacement value of soybean haulms meal in the diets of West African Dwarf goats. Archivos de Zootecnia 57:369-372.

31 Oni A O, Onwuka, C F I, Oduguwa, O O, **Onifade O S** and Arigbede, O M (2008). Utilization of citrus / Pulp based diets and *Enterolobium cyclocarpum* (Jacq.Griseb) foliage by West African Dwarf goats. Livestock Science. 117:184-191.

32. Olanite, J A , Anele, U. Y., Arigbede, O M, Jolaosho, A O and **Onifade, O S** (2010) Effect of plant spacing and nitrogen fertilizer levels on the growth, dry matter yield and nutritive value of Columbus grass (*Sorghum almum* stapf) in southwest Nigeria. Grass and Forage Science, 65:369 - 375.

33. Akinola, J O, Iji, P A and **Onifade, O S** (2010) Effects of seeding rates, row spacing and nitrogen and phosphorus fertilizer on forage yield and quality of *Stylosanthes scabra* cvv. Seca and Fitzroy in south - western Nigeria. Tropical Grasslands, 44: 282 - 288.

34. Oni, A. O., Onwuka, C.F.I., Arigbede, O.M., Anele, U.Y., Oduguwa, O.O. **Onifade, O.S.** and Tan, Z.L. (2011). Chemical composition and nutritive value of four varieties of cassava leaves grown in South-Western Nigeria. Journal of Animal physiology and Animal Nutrition. 95: 583 - 590.

35. Adedire, A.O., Oduguwa, O.O., Edema, M.O., **Onifade, O.S.** and Onwuka, C.F.I. (2012). Performance and nutrient utilization of rabbits fed diets based on crop residues fermented with *Rhizopus oligosporus*. Nigerian Journal of Animal Production. 39 (1): 114 - 121.
36. Oni, A O, Arigbede, M O, Sowande, O S, Anele, U Y, Oni, O O, Onwuka, C.F. I, **Onifade, O S**, Yusuf, K O, Dele, P A and Aderinboye, R Y. (2012). Heamatological and serum biochemical parameters of WAD goats fed dried cassava leaves based concentrate diets. Trop. Animal Health & Production. 44: 483 - 490.
37. Olanite, J. A, Ewetola, I. A, **Onifade, O S**, Oni, A .O, Dele, P A, Sangodele, O. T. (2014). Comparative residual effects of some animal manure on the nutritive quality of three tropical grasses. International J of Science, Environment and Technology, 3 : 1131 - 1149. (www.ijset.net/India).
38. Olanite, J A, Arigbede, O M , **Onifade, O S**, Jolaosho, A O, Dele, P A, Anele U Y and Ojo, V O A (2014). Growth, botanical composition, dry matter yield and persistence of Panicum- Chaemacrista mixture in the derived Savanna of Southwest Nigeria. International Journal of Agriculture and Crop Sciences, 7 :630 -639. Publisher: Science Explorer Publication, Bangladesh. Available online at www.ijages.com.
39. Ojo V O A., Ogunsakin A O., Dele P A., Olanite J A., Adeoye S A., Amole T A., Adelusi O O and **Onifade O S** (2015). Yield and chemical composition of Pennisetum hybrid fertilized with animal manures and harvested at different intervals. Malays Journal of Animal Science 18: 65- 80. Publisher: Malaysian Society of Animal production. www.msap.my/pdf/mjas_18_2/7.Ojo-yield_r4.pdf.
- 40. Ojo,V.O.A., Jolaosho, O.A., Onifade, O.S., Amodu, J. T.,** Olanite, J. A., Arigbede, O. M., Anele, U. Y., Adeoye. S A., Dele, P.A. and Amole, T.A. (2016). Dry matter yield, botanical and chemical composition of natural forages of the South Western Nigeria as influenced by topography, land use and season. J. Animal Production Research. 28: 138 -150.
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41. Ojo, V. O. A., Oyebanjo, E. D., Opayemi, O. T., Mustapha, S. O., Adelusi, O. O., Adeoye, Anele, U. Y., Ogunsakin, A. O., Jolaosho, A. O. and **Onifade, O. S.** (2016). Effects of seasonal changes on the nutritional quality of *Moringa oleifera* and *Panicum maximum* silage. Slovak J. Animal Science 49; 76 -84.
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C. BOOK / CHAPTER IN BOOK

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D. PATENT

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E. TECHNICAL REPORT

1. Momale, S., Aminu, A. and **Onifade, O.** (2018). *Study to Support and Inform the Development, Review and Implementation of Controlled Grazing Policy in Nigeria*. Submitted to Synergos Nigeria. 89 pages. Publication of Synergos Nigeria.

F. ARTICLES IN REFEREED CONFERENCE/WORKSHOP PROCEEDINGS.

1. **Onifade, O.S.** and Agishi, E.C. (1990). A review of forage production and utilization in Nigeria Savanna. Proceedings of the 4th PANESA/ARNAB Workshop on "Utilization of Research Results on Forage and Agricultural by-products in Africa" *Eds.* Dzewela, B.H; Said A.N., Asrat, Wendem - Agenehu and Kategile, J.A. Dec. 1988, at Lilongwe, **Malawi**. pp 114-125.

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3. **Onifade, O.S.**, Adu, I.F. and Akinola, J.O. (1992). An evaluation of stylo as a ley legume in the subhumid zone of Nigeria. Proceedings of the workshop on *Stylosanthes* held in Kaduna, Nigeria Oct., 1992. Leeuw, P.N. de. *et al* (Eds) ILCA, Addis Ababa, **Ethiopia**. p. 175-180.
4. **Onifade, O.S.**, Adu, I.F. and Akinola, J.O. (1993). The effect of stocking rate on Rhodes grass - stylo pasture in the Northern Guinea Savanna zone of Nigeria I. Herbage Yield. Proc. XVII International Grassland Congress, **New -Zealand/Australia**, 8-21 Feb. 1993. p. 863-864.
5. Osinowo, O.A., Abubakar, B.Y., Olayemi, M.E., Balogun, R.O. **Onifade, O.S.**, Adewuyi, A.A., Trimmell, A.R. and Dennar, F.O. (1994). Preweaning performance of Yankasa sheep under semi-intensive management. In: Small Ruminant Research and Development in Africa. Proc. of the 2nd Biennial Conf. Of Africa Small Ruminant Research Network, Arusha, **Tanzania** 7-11 Dec., 1992. ILCA/CTA.
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16. **Onifade, O. S.**; Olanite, J. A.; Jolaosho, A. O., Arigbede, O. M.; and Tijani N.K.(2005) Response of guinea grass (*Panicum maximum* Jacq) to application of cowdung in south west Nigeria. Offered paper at XX Int. Grassland. Congress in **Ireland and UK**. 26 June -July 1, 2005. Grasslands- a global resource. p 396.
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18. Jolaosho A O, Oduguwa, B O., Arigbede, O M., Olanite, J A., **Onifade O S.**, Anele, U Y and Amole, A T. (2008). Effects of ingestion by cattle on degradability of seeds of three browse plants. Offered paper at the joint XXI. Int. Grassl Cong. And VIII Int. Rangeland Cong. Held in **Hohhot, P R China**. 29 June - July 5, 2008. Multifunctional Grasslands in a Changing World. p 552.
19. Olanite, J A, Jolaosho, A O, Arigbede O M., **Onifade O S** and Anele, U Y.(2008) Persistence of *Chamaecrista rotundifolia* (Wynn) in *Panicum maximum* (Ntchisi) under varying spacing and legume planting methods. Offered paper at the joint XXI Int. Grassl Cong. And VIII Int. Rangeland Cong. Held in **Hohhot, P R China**. 29 June - July 5, 2008. Multifunctional Grasslands in a Changing World. p729.
20. **Onifade, O S et al.** (2011). Response of guinea grass to animal manure. Offered paper at the joint IX. Int. Rangeland Cong. Held in **Rosario. Argentina**. 2nd to 8th April, 2011. Diverse Rangeland for a Sustainable Society. P329.
21. Amole, T A, **Onifade, O S et al.** (2011). Herbage yield in intercropping forage legumes with cereals system.. Offered paper at the joint IX Int. Rangeland Cong. Held in **Rosario. Argentina**. 2nd to 8th April, 2011. Diverse Rangeland for a Sustainable Society. P448.

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23. Jolaosho, A O , Olanite J A , **Onifade, O S** *et al.* (2011). Effects of storage conditions and scarification methods on seed germination. Offered paper at the joint IX Int. Rangeland Cong. Held in **Rosario. Argentina**. 2nd to 8th April,2011. Diverse Rangeland for a Sustainable Society. P503

24. Ojo,V.O.A.,Bakare, B, Adelusi, A. and **Onifade,O.S.** (2017). Effects of cassava peel mash on chemical composition, nutrient intake and rumen fermentation parameters of West African Dwarf rams supplemented with dried *Ficus thonningii* foliage. A paper presented at the Cassava Expo in Lagos.

25. **Onifade, O. S.** (2019). Emerging issues in ranching, pastoralism, and pasture production in a diversifying economy. A Plenary paper presented at the 44th Annual Conference of Nigerian Society for Animal Production (NSAP) held in UNIABUJA, Abuja, March, 2019.

(E) Unpublished Conferences, Seminars/Workshop Attended and Papers Presented

1. **Onifade, O. S.** and Eduvie, L. O. (2000) Forage seed production and trade in Nigeria. A paper presented at the National Workshop on `Biotechnology, Seed Development and Trade in Nigeria held at NACGRAB, Moor Plantation. Ibadan, 17-18 May 2000.

12. MAJOR CONFERENCES ATTENDED WITH PAPERS READ

13. INFORMATION ON FELLOWSHIP, MASTERS PROJECTS AND Ph. D THESES SUPERVISED

Post graduate Diploma in Agriculture

1. **Adetona, A (PDA). Major supervisor, completed 2007.**

M.Sc. / M.Agric. (ABU, Zaria and FUNAAB)

1. **Nasiru Mohammed (2002).** Effect of grass-legume seeding ratios and phosphorus levels on growth and production of grass-legume mixtures. (**Major supervisor**). ABU. Zaria.

2. Ayeni, A. O. (2004). Performance and nutrients utilization by rabbits fed diets based on crop residues incubated with *Rhizopus oligosporus*. Member, supervisory committee.

3. Ojo, V O A. (2006). The growth and organic nutrient degradability of *Tephrosia bractelata* and *Gmelina arborea* prunings using fistulated sheep. Member, supervisory committee.

4. Ayo-Ajasa, O. Y. (2007). Microbial Assay of imported old layer chickens for residues of Streptomycin antibiotic and stability of residues to household cooking methods. Member, supervisory committee.

5. **Iroanya, C. O.** (2007). Effect of intra -row spacing on growth, yield and chemical composition of grass planted in alleys of browse plants. **Major supervisor,**
6. **Amole, T A.** (2008). Effect of time of undersowing maize with forage legumes on cob and forage yields and quality of their silage. **Major supervisor,**
7. Akinola, T O. (2008). Quality of silage made from guinea grass, cassava peel and pineapple waste. Member, supervisory committee,
8. **Ike, K A.** (2009). Effect of storage period on the chemical composition and *in vitro* gas production of selected forages. **Major supervisor.**
9. Adeoye S A. (2010). Effect of grass spacing and time of sowing legume on growth, forage and seed production of *Brachiaria decumbens* and *Tephrosia bracteolate* pasture. Member, supervisory Committee.
10. Ogunlolu, B. T. (2011). Evaluation of selected pearl millet genotype for forage production in Abeokuta, southwestern, Nigeria. Member, supervisory committee.
11. **Adekeye, A.B.** (2012). Biomass yield and nutritive quality of two grasses in the natural pastures as affected by cutting height and interval in Abeokuta. **Major supervisor.**
12. Adeosun, I A. (2012). Evaluation of the nutritive quality of silage from forage mixtures of pearl millet genotype and mucuna. Member, supervisory committee.
13. Ewetola, I. (2013). Effect of residual animal manure on regrowth potential, dry matter yield and nutritive quality of three grasses. Member, supervisory committee.
14. **Eesuola, A A** (2013). Effect of variety, phosphorus and nitrogen levels on nutritive quality of rice straw. **Major supervisor.**
15. Muraina T. (2014). Evaluation of natural pasture oversown with two *Stylosanthes* species under the agro-pastoral cattle management in Yewa area of Ogun State. Member, supervisory committee
16. Adekeye, E. Y. (2014). *In vitro* and *in vivo* evaluation of Moringa leaf based concentrate as supplement to *Panicum maximum* in West African Draft sheep. Member, supervisory committee.
17. **Adepoju, A.O. (2016).** Seed germination, early growth and survivability of three browse plants as affected by days in nursery and animal manure. Major supervisor. **(PG 2012/0197)**
18. **Sangodele, O.T. (2016).** Evaluation of growth yield and chemical composition of Oba super II maize- variety as influenced by fertilizer type and row planting arrangement. **Major supervisor.**
19. Mustapha, S. O. (2016). Evaluation of the botanical composition and nutritive quality of natural pastures in selected locations of Ogun State. Member, Supervisory Committee. (PG 2013/0101).
20. Akinade, Glory A. (2016). Effect of storage periods on the nutritive quality of *Pennisetum purpureum* ensiled with proportions of processed *Enterolobium cyclocarpum* seeds. Member, Supervisory Committee.

21. **Adetona, Adebayo. (2017).** Evaluation of quantity of biogas, quality of slurry and effluent produced from combination of three tropical grasses and cow dung. **Major supervisor.**
22. **Bakare, B.A (2017).** Response of West African Dwarf rams to dried *Ficus thonningii* foliage as supplement to cassava peel mash. **Major supervisor.**
23. Omodewu, A. (2018). Member, supervisory Committee, Completed.
24. **Kehinde, A. Major supervisor. (PG 2013/0414) On going.**
25. **Adekale, A. O. Major supervisor, Completed. (PG 2016 /0580)**
26. Ogunrombi, O. A. Member, Supervisory Committee. On going (PG 2016/0669)

Ph.D

1. Amodu, J T. (2006). Evaluation of late Pearl millet accessions for fodder and the effect of levels of legume proportion on nutritive value of millet-lablab silages. Member, supervisory committee. (Ahmadu Bello University, Zaria).
2. Oni, A O. (2008). Studies on the utilization of Cassava leaves by West African Dwarf goats. Member, supervisory committee.
3. **Amole, T A.** (2010). Forage yield, nutrient composition and nutritive quality of silage produced from maize-lablab mixture. **Major supervisor.**
4. Ojo, V O A. (2011). Evaluation of natural pasture condition and the productivity of feed resources in UNAAB, Nigeria. Member supervisory committee.
5. **Anyanwu, J (2017).** Forage yield, nutritive quality of haulm and silage from selected dual- purpose cowpea (*Vigna unguiculata* L. Walp) cultivars in Owerri, South eastern Nigeria. **Major supervisor.**
6. Okukenu, O (2017). Botanical composition and nutritive value of dominant grass species in animal grazing land under the sedentary pastoral system in south west Nigeria. Member, supervisory committee.
7. **Adekeye, A. B (2021)** Forage yield and nutritive value of maize (*Zea mays*) and wheat (*Triticum aestivum*) under hydroponic condition as affected by sources of water and days to harvest **Major supervisor.**
8. Akinade, Glory A. Member supervisory Committee, on going.
9. Ajani, O. A. Growth and yield response of cowpea (*Vigna unguiculata* L. Walp) to stand density, period of weed interference and weed control methods in Abeokuta, South west Nigeria. Member, Supervisory Committee. Submitted to PG school.
10. Eesuola, A A. **Major Supervisor.** On going.

14. EXTRA CURRICULA ACTIVITIES

Singing Gospel songs

Travelling

Gardening

Onifade, Olufemi Sunday

4th Oct, 2021