
Babajide, Joan Modupe (Mrs.)

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Department: Food Science and Technology

Academic Rank: Senior Lecturer

Current Position: H.O.D., Food Science & Technology

Research Interest: Food processing and storage & Food preservation and quality control



Detailed Resume

ACADEMIC DEGREES WITH DATE

- Ph.D. 2005
- M.Sc. 1998
- B.Sc. 1990

INSTITUTIONS ATTENDED WITH DATE

- University of Agriculture, Abeokuta, Nigeria 2005
- University of Agriculture, Abeokuta, Nigeria 1998
- University of Agriculture, Abeokuta, Nigeria 1990

MEMBERSHIP OF PROFESSIONAL BODIES

- Nigerian Institute of Food Science and Technology
- Nutrition Society of Nigeria
- National Association of University Women
- South African Association of Food Science and Technology

PRIZES, HONOURS, NATIONAL AND INTERNATIONAL RECOGNITION

- Federal Government Scholarship Award for Ph.D. Programme in 2003/2004

COURSES TAUGHT

- FST 201 Intro. to Food Sc. & Tech.
 - FST 202 Food Bio-Chem.
 - FST 403 Fruits & Veg. Processing
 - FST 407 Food Product Development
 - FST 504 Food Commodity
 - FST 510 Raw Material & Industrial.
 - FTD 707 Human Nutrition I
 - FTD 714 Human Nutrition II
 - FST 719 Roots and Pulses Technology
 - FST 718 Advance Food Product Development.
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RESEARCH CONDUCTED

- “Quantitative effect of *piliostigma thonnigii* and *Khaya ivorensis* leaves as local preservatives on the quality of traditional dry –yam” sponsored by NUTRICIA RESEARCH FOUNDATION The Netherlands. (2007 – 2009)

PUBLICATIONS

Dissertation

- i. **Babajide, J.M.** (1990). Studies on the production and characterization of ready- to-drink “Ogi” From modified Sorghum Starch. B.Sc. Project, University of Agriculture, Abeokuta, Nigeria.
- ii. **Babajide, J.M.** (1998). Formulation and Biological Evaluation of weaning food from cassava (*Manihot esculenta*) and Soybeans (*Glycine max*). M. Sc. Degree Dissertation, University of Agriculture, Abeokuta, Nigeria.
- iii. **Babajide, J.M.** (2005). Processing and Quality Improvement of Traditional Dry-yam (gbodo) and yam flour (elubo). Ph.D. Thesis, University of Agriculture, Abeokuta, Ogun State, Nigeria.

Published papers

1. **Babajide, J.M.,** Babajide, S.O. and Uzochukwu, S.V.A. (2000). Effect of processing on the cyanide potential, trypsin-inhibitor content and the viscosity of weaning food from cassava and soybeans. *West African Journal of Food and Nutrition*. Vol. 2, No.3:1-5.
2. **Babajide, J.M.,** Babajide, S.O. and Uzochukwu, S.V.A. (2001). Cassava-soy weaning foods: Biological evaluation and effects on rat organs. *Plant Foods for Human Nutrition*. 56:167-173.
3. **Babajide, J.M.,** Atanda, O.O., Idowu, M.A. and Lasekan, O.O. (2003). Microbial and Sensory Quality of Freshly processed and Reconstituted “ Kunnunzaki” – A Nigerian Millet Based Beverage. *ASSET Series A* Vol. 3. No.2: 115-121.
4. **Babajide, J.M.,** Idowu, M.A. and Lasekan, O.O. (2003). Effect of Soy flour (substitution) on the Functional Properties and Sensory Quality of Instant Cassava-wheat Noodles. *Nigerian Food Journal* (NIFOJ). Vol.21. 23-28.
5. Lasekan, O.O., **Babajide, J.M.** and Tuwase, O.A. (2004). Nutrient composition and acceptability of Soy-Pupuru flour and dough. *Nigerian Food Journal* (NIFOJ). Vol.22: 78-86.

6. Lasekan, O.O., **Babajide, J.M.** and Adebayo, O.J. (2004). Effect of Soy on the Physico-chemical Properties of Pupuru flour. *Nigerian Food Journal (NIFOJ)*. Vol.22:87-96.
7. Lasekan, O.O., **Babajide, J.M.** and Ogun, O.A. (2003). Development of Cassava-fish noodles. *ASSET Series B*. Vol.2, No1. 159-166.
8. **Babajide, J. M.**, Bodunde, J.D. and Salami, A.A. (2004). Quality and Sensory Evaluation of Processed calyces of six varieties of Roselle (*Hibiscus Sabdariffa L.*). *Nigerian Journal of Horticultural Science (NJHS)*. Vol.9:110-115.
9. **Babajide, J.M.** and Atanda, O.O. (2005). Microbiological and sensory evaluation of instant cocoyam flour. *Nigerian Journal of Microbiology*. Vol 19(1-2): 505-512.
- 10 **Babajide, J.M**, Oyewole, O.B, Henshaw, F.O; Babajide, S.O and Olasantan, F.O. 2006. Effect of Local Preservatives on the Quality of Traditional Dry-Yam Slices ‘Gbodo’ and its products. *World Journal of Agricultural Science*. Vol. 2(3):267-273.
11. **Babajide, J.M**, Henshaw, F.O and Oyewole, O.B (2006). Effect of Processing Variables on the Quality of Traditional Dry-Yam Slices. *European Journal of Scientific Research*. Volume 14, No 1: 102-113.
12. Sanni, L.O., **Babajide, J.M.** and Ojerinde, M.W. (2007): “Effect of Chemical Pre-treatments on the Physico-Chemical and Sensory Attributes of Sweet Potato-Gari. *ASSET Series B*. 6(1), 2007.
13. Adeboye, A.S and **Babajide, J.M.** (2007). “Effect of processing Methods on anti-nutrients in selected Leafy Vegetables”. *Nigerian Food Journal*. 25(2):77-87.
14. **Babajide, J.M.**, Babajide, S.O. and Oyewole, O.B. 2007. Survey of Traditional Dry-yam Slices (Gbodo) Processing Operations in Southwest, Nigeria. *American-Eurasian Journal of Sustainable Agriculture*. 1(1): 45-49, 2007
15. **Babajide, J. M** and Atanda, O.O. 2008. Quantitative survey and anti-microbial effect of *Piliostigma thonningii* and *Khaya ivorensis* leaves on traditional dry-yam. *African Journal of Microbiology Research*. 2(4). 078-081.
16. **Babajide, J.M.**, Henshaw, F.O. and Oyewole, O.B. 2008. Effect of yam variety on the pasting properties and sensory attributes of traditional dry-yam slices and their products. *Journal of Food Quality*. 31: 295-305.

17. **Babajide, J. M.**, Atanda, O. O, Ibrahim, T. A., Majolagbe, H.O. and Akinbayode, S. A. 2008. Quantitative effect of ‘abafe’ (*Piliostigma thionningii*) and ‘agehu’ (*Khaya ivorensis*) leaves on the microbial load of dry-yam ‘gbodo’. *African Journal of Microbiology Research*. 2(11). 292-298.

Papers in referred Conference Proceedings:

- (i) **Babajide, J.M.** and Uzochukwu, S.V.A. (1998). Proximate composition and pasting characteristics of cassava based complementary foods. In Young scientists/students paper presentation competition of International Conference on Infant and Pre-school Nutrition, held at Conference Center, University of Ibadan, Ibadan, Nigeria. November 20, 1998. (Edi. Akinyele I.O. and Oguntona E.B.). 5-6.
- (ii) **Babajide, J.M.**, Uzochukwu, S.V.A. and Babajide, S.O. (2000). Effect of malted sorghum on sensory Attributes of Cassava soy based supplementary foods. In: Proceedings of 24th Annual Nigerian Institute of Food Science and Technology (NIFST) Conference, held at Federal Polytechnic and Abubakar Tafawa Balewa University, Bauchi, Nigeria. 24th-26th Nov.2000. (Edi. Nkama I., Jideani V.A. and Ayo J.A.). 25-26.
- (iii) **Babajide, J.M.**, Idowu, M.A. and Adesuko, M.A. (2002). Proximate and Sensory properties of Instant Cassava-wheat noodles. In Proceedings of 26th Annual NIFST Conference, held at Federal University of Technology, Owerri, Nigeria. Nov. 4-8, 2002. (Edi. Ubaonu C.N., Eke O.S. and Uzomah A.). 136-137.
- (iv) **Babajide, J.M.**, Babajide, S.O. and Kadri, A.K. (2004). Pasting viscosity of yam flour “elubo” enriched with defatted soybean flour and vegetable “ugu” powder. In: proceedings of the 28th annual Conference/ Annual General Meeting of Nigerian Institutes of Food Science and Technology (NIFST), held at University of Ibadan, Ibadan, Nigeria. 12th-14th October, 2004. (Edi. Adegoke G.O., Sanni L.O., Falade K.O. and Uzo-Peters P.I.). 295-296.
- (v) **Babajide, J.M.**, Obadina, O.A., Oyewole, O.B. and Ubaka. N.L. (2005). Microbial quality of dry-yam “gbodo” parboiled with or without added adjuncts. In: proceedings of the 29th Annual Conference/ Annual General Meeting of Nigerian Institutes of Food Science and Technology (NIFST), held at Ebonyi State University, Abakaliki, Nigeria. 11th-13th October, 2005. (Edi. Ebuchi O.A.T., Ugbo F.C., Okoli E.C.).
- (vi) **Babajide, J.M.**, Oyewole, O.B., Henshaw, F.O., Sanni, L.O. and Asiedu, R. (2006). Effect of processing variables on the pasting properties of traditional dry-yam slices (Gbodo). Paper

presented at the 14th Triennial Symposium of the International Society for Tropical Root Crops. 20-26 November 2006. Central Tuber Crops Research Institute _ Indian Council of Agricultural Research. Sreekariyam, Thiruvananthapuram 695 017, Kerala, India.

- (vii) **Babajide, J.M.** and Odede, H. 2007. Effect of Local Preservative ‘Abafe’ –*Piliostigma thonningii* leaves on the pasting properties of Dry- Yam. In: proceedings of the 31st Annual Conference/ Annual General Meeting of Nigerian Institutes of Food Science and Technology (NIFST), held at Raw Materials Research Development Council, Abuja, Nigeria. 23rd- 25th October, 2007. (Edi. Elemo N.G.). 262-263.
- (viii) **Babajide, J.M.** and Onaderu, A.O. 2008. Effect of Local Preservative on the sensory properties of Dry-Yam ‘Gbodo’ and its products. In: proceedings of the 32nd Annual Conference/ Annual General Meeting of Nigerian Institutes of Food Science and Technology (NIFST), held at Ladoke Akintola University of Technology, Ogbomoso, Nigeria. 13th- 17th October, 2008. (Edi. Otunola E.T). 292-293.

CONFERENCES, WORKSHOPS, TRAININGS AND EXHIBITIONS ATTENDED

- (i) National Workshop on the Role of Appropriate Technology in the Prevention of Post Harvest Losses In Roots and Tubers to increase food availability in Nigeria. Ilorin. 4th-7th October, 1998.
- (ii) 1st International Conference on Infant and Pre-School Child Nutrition, held at Conference Centre, University of Ibadan, Ibadan, Nigeria. 16th-20th November, 1998.
- (iii) Food Exhibition of the International Conference on Infant and Pre-School Child Nutrition, held at Conference Centre, University of Ibadan, Ibadan, Nigeria. November 20, 1998.
- (iv) 22nd Annual Conference of Nigerian Institute of Food Science and Technology, held at University of Agriculture, Abeokuta, Nigeria. 23th-26th November, 1998.
- (v) 1st Annual Workshop on Research methodology, Nigerian Institute of Food Science and Technology held at University of Agriculture, Abeokuta, Nigeria. 24th-28th July, 2000.
- (vi) 24th Annual Conference of Nigerian Institute of Food Science and Technology, held at Federal Polytechnic and Abubakar Tafawa Balewa University, Bauchi, Nigeria. 24th – 26 November, 2000.

- (vii) Summer Course on Polymerase chain reaction Techniques by Biotechnology group and Biotechnology center, held at University of Agriculture, Abeokuta, Nigeria. Supported by International Development Fund of Society for General Microbiology, U.K. 8th -14th July 2001.
- (viii) 3th Annual Workshop on Research methodology, Nigerian Institute of Food Science and Technology held at University of Agriculture, Abeokuta, Nigeria. 22nd -26th July, 2002.
- (ix) 30th Annual Conference of Nigerian Society of Plant Protection (NSPP) held at University of Agriculture, Abeokuta, Nigeria. 1st -4th September, 2002.
- (x) Summer Course: Standard In-vitro Recombinant DNA Techniques – A Practical course, held at University of Agriculture, Abeokuta, Nigeria. In collaboration with International Resource Persons: Dr. Pual Keese and Dr. Ivan Ingelbrecht. 15th – 28th September, 2002.
- (xi) 26th Annual NIFST Conference, held at Federal University of Technology, Owerri, Nigeria. Nov. 4-8, 2002.
- (xii) 28th Annual Conference/ Annual General Meeting of Nigerian Institutes of Food Science and Technology (NIFST), held at University of Ibadan, Ibadan, Nigeria. 12th-14th October, 2004.
- (xiii) 29th Annual Conference/ Annual General Meeting of Nigerian Institutes of Food Science and Technology (NIFST), held at Ebonyi State University, Abakaliki, Nigeria. 11th-13th October, 2005.
- (xiv) Workshop on “Writing a Grant Winning Research Proposal”. Organised by Research and Development Centre, University of Agriculture. January 4-6, 2006.
- (xv) 14th Triennial Symposium of the International Society for Tropical Root Crops. 20-26 November 2006. Central Tuber Crops Research Institute _ Indian Council of Agricultural Research. Sreekariyam, Thiruvananthapuram 695 017, Kerala, India.
- (xvi) International MASHAV Training Programme on FOOD MANAGEMENT, between the dates of 16th April to 10th May, 2007, held at Hebrew University of Jerusalem, Rehovot Campus, Israel . Sponsored by the Ministry of Foreign Affairs, Israel.
- (xvii) 17th Israel International Exhibition for Agri-business, Technology & Product held at Israel Trade Fair and Conventional Center, Tel-Aviv. 19th April, 2007.

(xviii) 31st Annual Conference/ Annual General Meeting of Nigerian Institutes of Food Science and Technology (NIFST), held at Raw Materials Research Development Council , Abuja, Nigeria. 23rd -25th October, 2007.

(xix) 32nd Annual Conference/ Annual General Meeting of Nigerian Institutes of Food Science and Technology (NIFST), held at Ladoke Akintola University of Technology, Ogbomoso, Nigeria. 13th- 17th October, 2008.