

CURRICULUM VITAE

PERSONAL DATA

Names: BADIFU, Gabriel Ijegbunam Okeibuno
Date and Place of Birth: November 5, 1948, Barkin Ladi, Plateau State, Nigeria.
Nationality: Nigerian
State/Local Government Area: Delta State, Aniocha South L.G.A.
Permanent Postal/Home Address: P.O. Box 385, (Idumu-Onicha, Ishekpe Quarters), Ogwashi-Uku, Aniocha South, Delta State.
E-mail: badifu@yahoo.com
GSM: 08075005269; 08027938184
Current Postal Address: Department of Animal Science, Faculty of Agriculture, Delta State University (DELSU) Asaba Campus, Asaba, Nigeria.
Marital Status/No. of Children: Married and blessed with four children
Name & Address of Wife: Mrs. Caroline O. Badifu
P.O. Box 385, (Idumu-Onicha, Ishekpe Quarters), Ogwashi-Uku, Aniocha South L.G.A., Delta State
Names and Address of Next-of-kin: Mrs. Caroline O. Badifu
P.O. Box 385, (Idumu-Onicha, Ishekpe Quarters), Ogwashi-Uku, Aniocha South L.G.A. Delta State.
Rank: Professor of Food Science and Technology
Date Promoted to the Rank/Institution: October 01, 2000, University of Agriculture, Makurdi Nigeria.
Rank Salary: N954, 981.96 (UASS 07 step 13)
Date of Joining DELSU, Abraka on Transfer of Service from the University of Agriculture, Makurdi September 01, 2004

EDUCATIONAL INSTITUTIONS ATTENDED WITH DATES

- ◆ St. Anthony's College, Ubulu-Uku, Delta State, Nigeria, 1964-1968
- ◆ School of Forestry, Federal Department of Forest Research, Ibadan, Nigeria, 1972-1973
- ◆ Laboratory Techonolgy Training Scheme, University of Ibadan, Ibadan, Oyo State, Nigeria 1972-1976(Part-Time)
- ◆ University of Ife, Ile-Ife, Osun State, Nigeria 1976-1980(On study leave)
- ◆ University of Ife, Ile-Ife, Osun State, Nigeria 1981-1983(On study leave)
- ◆ Obafemi Awolowo University (Formerly, University of Ife) Ile-Ife, Osun State, Nigeria 1984-1988

QUALIFICATIONS OBTAINED WITH DATES

- ◆ West African School Certificate, 1968
- ◆ Forest Assistant (Laboratory Technician) Certificate, 1973
- ◆ City and Guilds of London in Chemistry & Biochemistry Laboratory Techniques (Part II), 1976
- ◆ B.Sc (Hons) in Food Science & Technology, 1980, Ife, Nigeria.
- ◆ M.Sc in Food Science and Technology, 1983, Ife, Nigeria
- ◆ Ph.D. in Food Science and Technology, 1988, Ife, Nigeria.

SCHOLARSHIP/FELLOWSHIP

- ◆ Federal Republic of Nigeria Scholarship Award, 1982
- ◆ United Nations University Fellowship Award, 1993

PREVIOUS AND PRESENT SERVICE

Employment

- ◆ Forestry Research Institute of Nigeria (FRIN) formerly Department of Forest Research, Ibadan April 19, 1972 - October 30, 1989.
- ◆ Confirmation of Appointment on April 19, 1974 in FRIN, Ibadan
- ◆ Federal Polytechnic, Idah, Kogi State (formerly Benue State) during the 1980/81 NYSC service year (on study leave)
- ◆ University of Ghana, Accra, Legion (September 15, 1993- March 15, 1994) on United Nations University Fellowship Award and study leave.

- ◆ Delta State University, Nigeria (September 01, 2004 to Date)

WORK EXPERIENCE

Student Industrial Work Experience (SIWES)

- ◆ Oil Palm Company Limited, Cowan Estate, Ajagbodudu, Sapele, defunct Bendel State, now Delta State, July-September, 1977.
- ◆ Guinness Nigeria Limited, Ikeja, Lagos, July-September, 1978
- ◆ Lever Brothers Nigeria Limited, Training Centre, Apapa, Lagos, July-September, 1979.

Forestry Research Institute of Nigeria (FRIN), Ibadan (April 1972-October 1989)

- ◆ Science Laboratory Technician/Technologist in charge of procurement of laboratory instruments/equipment, routine and research analyses of plant samples and overall management of the Plant Physiology and Wood Chemistry Laboratories.
- ◆ School of Forestry, FRIN, Ibadan, April-October, 1989.

University of Agriculture, Makurdi (October 1989-August 2004)

- ◆ Teaching, research, administrative and extension activities.
- ◆ Successful supervision of students' research projects (October 1989-2006);
 - Twenty B.Sc (Food Science and Technology) Students;
 - Two PGD (Food Science and Technology) Students;
 - Ten M.Sc (Food Science and Technology) Students;
 - Two Ph.D (Food Science and Technology) Students;
- ◆ Acting Head, Department of Food Science & Technology and Senate Member of the University of Agriculture, Makurdi, March 13, 1995 to December 31, 1998.
- ◆ Member, Postgraduate School Board, University of Agriculture, Makurdi, 1994-1999
- ◆ Chairman, College Postgraduate Committee, University of Agriculture, Makurdi, 2001-August 2004.
- ◆ Senate Member as College of Food Technology Representative, August 2004.
- ◆ Chairman, Departmental Curriculum Committee on Food Science & Technology programmes, 1995 to December 1998.
Developed curricular for:
 - Postgraduate Diploma Programme in Food Science & Technology
- ◆ Prepared document for the Accreditation of B.Sc Food Science & Technology Programme, 1999.
- ◆ Chairman, College Committee on Investment Credit Project Proposal, World Bank Project Implementation Unit 1999.

- ◆ Chairman, Departmental Committee on the Production of Hand-out/Brochure as a means of Advertising the programmes offered in the Department of Food Science & Technology, University of Agriculture, Makurdi 1994-1999.
- ◆ Member, Senate Committee on Examination Regulation and Malpractices, University of Agriculture, Makurdi, April 1994 - August 2004.
- ◆ Member/Secretary, Ad hoc Committee of ASUU, University of Agriculture, Makurdi (UAM) on the selection of a Vice-Chancellor for UAM (2001).
- ◆ Member, Central Time-table Committee, University of Agriculture, Makurdi, April 1994-April 1995.
- ◆ Member, College Postgraduate Committee, University of Agriculture, Makurdi, 1994-1999.
- ◆ Member, College Laboratory Facilities Committee, University of Agriculture, Makurdi, 1990-1999.
- ◆ Member, Books and Journals Sub-committee, World Bank Project implementation Unit, University of Agriculture, Makurdi, 1994-1999.
- ◆ College Representative, Equipment Procurement Sub-Committee, World Bank Project Implementation Unit, 1999.
- ◆ College Representative, College of Agricultural Engineering Technology Board, April 1994-1998.
- ◆ College Representative, College of Agronomy Board, University of Agriculture, Makurdi, 1994-1999.
- ◆ Local Coordinator, Institutionalization of Short-Term Nutrition Education Programme in Nigeria, under the auspices of the host University of Agriculture, Makurdi, Benue State and LGAs, Unicef & National Planning Commission, Abuja, 1997 to 2004.
- ◆ Liaison Officer, Nigerian Institute of Food Science & Technology (Incorporated in Nigeria RC 247011) in the University of Agriculture, Makurdi, 1994 to 2004.

University of Ghana, Accra, Legon(September 15, 1993-March 15, 1994)

- ◆ Worked as a Research Fellow in the Department of Nutrition and Food Science on:
 - Fermentation and physiochemical changes in solid state dough systems.

- Unconcluded investigation into the reason(s) for the observed increase in pasting viscosity of flour from fermented cereal grains (e.g. maize and sorghum) using a viscoamylograph.

Delta State University (DELSU), Abraka, Nigeria (September 01, 2004)

- ◆ Teaching, research, administrative and outreach activities to date.
- ◆ Head, Department of Animal Science and Fisheries now Department of Animal Science, Faculty of Agriculture, DELSU, Asaba Campus, Asaba, Nigeria (February- July, 2005).
- ◆ Dean, Faculty of Agriculture, DELSU, Asaba Campus (2005-2007).
- ◆ Chairman, Farm Management Committee, DELSU, Asaba Campus (2005-2007).
- ◆ Senate Member, DELSU, (September 2004 to date).
- ◆ Member, University Management Committee, DELSU Asaba Campus (2005-2007).
- ◆ Member, Committee of Provost and Deans, DELSU (2005-2007).
- ◆ Member, Student Disciplinary Committee, DELSU (2005-2007).
- ◆ Member, Appointments and Promotions Committee (Academic), DELSU (2005-2007).
- ◆ Member, Development and Physical Planning Committee, a Sub-Committee of Council, DELSU (2005-2007)
- ◆ Member, Tender Board Committee, DELSU, Asaba Campus (2005-2007)
- ◆ Member, Academic Policy and Planning Committee, DELSU (2005-2007)
- ◆ Member, Postgraduate School Board, DELSU (2005-2007)
- ◆ Member, University Admissions Board, DELSU (2005-2007)
- ◆ Member, Library Committee, DELSU (2005 to date)
- ◆ Member, Sub-Committee on Proposed Research Collaboration between DELSU and Michigan State University, USA (2005 to date)
- ◆ Member, Campus Development Committee, DELSU, Asaba Campus (2007 to date)
- ◆ Member, Expanded Asaba Town and Gown Committee (EATGC), DELSU, Asaba Campus (2007 to date)
- ◆ Member, Syndicate Group III at the Strategic Planning Workshop on Strategic Planning: A Collective Responsibility held on December 7-8, 2006, DELSU, Abraka
- ◆ Member, Ad Hoc Committee on the Review of Criteria for Appointment and Promotion of Academic Staff, DELSU 2006. Senate approval granted effective from 2008.
- ◆ Prepared and followed up the Curriculum on Undergraduate B.Sc degree programme in Food Science and Technology in the Faculty of Agriculture,

DELSU, Asaba Campus, Asaba which Senate approved on November 01, 2007, effective from 2007/2008 academic session.

- ◆ Prepared and followed up the proposal that led to the re-establishment of the Department of Fisheries and the Department of Animal Science from the then Department of Animal Science and Fisheries, Faculty of Agriculture, DELSU, Asaba Campus which Senate approved on November 01, 2007.
- ◆ Member, Planning Sub-Committee on Fund Raising/Foundation-Stone-Laying Ceremony for the Faculty of Management Sciences Complex DELSU, Asaba Campus, held on December 08-09, 2008.

Service to Others

- ◆ Nominated and served on the *Technical Committee on Draft Standard for Yoghourt* under the auspices of the Standards Organization of Nigeria, Jos 1990. My Contribution was in submitted paper entitled '*Methods for Assessing the Quality of Yoghourt*'
- ◆ Nominated and served on the *Technical Committee on Draft Standard for Fruit Drink in Nigeria* under the auspices of the Standards Organization of Nigeria, Lagos, 1992.
- ◆ Member, National Board for Technical Education Kaduna Accreditation Visitation Team for accrediting Food Science and Technology (HND) Programme, Federal Polytechnic, Idah, Kogi State, 1992.
- ◆ Facilitator in Benue State, during the head count and training of enumerators and supervisors for the 1991 Population Census in Nigeria.
- ◆ Research Associate (Benue State) in *Bench Mark Survey on Vitamin A in Nigeria*, June – July, 1996. Federal Government of Nigeria and UNICEF project.
- ◆ Collation and Returning Officer in Benue State during the 1998 programme for return to civil rule in Nigeria.
- ◆ Public Lecture on Career Day organized by the students of Guidance and Counseling Society (Benue Branch) of the Department of Guidance and Counseling, University of Nigeria, Nsukka, held in 1998.
- ◆ Resource person in the preparation of *Draft Instruction Manual on Food Processing and Utilization for Dietary Diversification*. UNICEF Project in collaboration with the Akwa Ibom State Government (2001).

External Examiner to Higher Institutions

- ◆ Department of Food Science & Technology, Federal Polytechnic, Mubi, Yola Campus 2000- 2003.

- ◆ Department of Home Science and Nutrition University of Nigeria Nsukka, M.Sc Candidate 2001- 2004 and 2005/2006 for M.Sc and Ph.D candidates.
- ◆ Department of Food Science & Technology, University of Maiduguri, Nigeria 2002- 2004.
- ◆ Department of Food, Nutrition and Home Sciences, Kogi State University, Anyigba, 2005/2006/2007.
- ◆ Department of Animal Science, University of Benin, Benin City, 2005/2006 for M.Sc. candidate.
- ◆ Department of Food Science & Technology, University of Nigeria, Nsukka for graduate students (2006/2007, 2007/2008).

Review Service to Scientific Journals.

- ◆ Discovery and Innovation, a publication of the African Academy of Sciences, Nairobi, Kenya, 1995 to date.
- ◆ Asset an International Journal published by the University of Agriculture, Abeokuta (2003 to date), and Member of the National Editorial Advisory Board (2008 to date).
- ◆ Journal of Agriculture, Science and Technology (JAST), University of Agriculture, Makurdi publication, 1992 to date.
- ◆ Journal of Sustainable Agriculture and Environment. A publication of Michael Okpara University of Agriculture, Umudike, 2003 to date.
- ◆ Journal of Raw Materials Research, A publication of Raw Materials Research and Development Council, Federal Ministry of Science and Technology, Abuja, Nigeria, 2003 to date.
- ◆ Food Control, published by Elsevier Science Ltd, Oxford ox 5 IGB, UK.2004 to date.

Previous Sabbatical Leave and Activities (January 2000- January 2001)

- ◆ A 12-month sabbatical leave in the then Department of Animal Science and Fisheries, Faculty of Agriculture DELSU, Asaba Campus, Asaba, Nigeria.
- ◆ Lectured in food-related courses of the Department.
- ◆ Prepared and submitted a proposed curriculum on Food Science and Technology (B.Sc Degree) programme in the Faculty.
- ◆ Completed a research project entitled *Indigenous Foods, Processing Methods and Dietary Pattern of the People of Delta State*, in collaboration with the Faculty of Agriculture, DELSU and sponsored by the Ministry of Agriculture and

Natural Resources, State Committee on Food and Nutrition, Asaba, Delta State, Nigeria.

- ◆ Resource person to a workshop on Delta Women Entrepreneurship Promotion 2000 organized by the Ministry of Women Affairs and Social Development, Asaba on September 12-13, 2000. Paper presented: *Good Manufacturing Practices and Affordable Preservation Methods*.

MEMBERSHIP OF PROFESSIONAL BODIES

- ◆ Member, Nigerian Institute of Food Science & Technology, an affiliate of the International Union of Food Science and Technology (IUFoST).
- ◆ Member, Nigerian Institute of Science Laboratory Technology.
- ◆ UNICEF Nutrition Family Member, Nigeria.
- ◆ Member, Institute of Science Technology, London.

PUBLICATIONS

Thesis

- ◆ B.Sc. (Hons) Thesis, Ife, 1980. Comparative studies of quality changes in some leafy vegetables preserved by different techniques: Low Temperature storage (refrigeration), freezing and dehydration.
- ◆ M.Sc Thesis, Ife, 1983. Evaluation of 'ogi' from red and white sorghum.
- ◆ PhD Thesis, Ife, 1988. Chemical composition and storage stability of oil from some species of *Cucurbitaceae*.

ARTICLES IN LEARNED JOURNALS

1. **Badifu, G.I.O.**, Chinma, C.E., Ajayi, Y.I. and Ogori, A.F. (2005). Influence of mango mesocarp flour supplement to micronutrient, physical and organoleptic qualities of wheat-based bread. *Nigerian Food Journal* 23:59-66 (Nigeria).
2. **Badifu, G.I.O.**, Akubor, P.I. and Akpapunam, M.A. (2003). Chemical, functional and organoleptic evaluation of African breadfruit (*Treculia Africana Decne*) kernel flour for making cookie. *Tanzania Journal of Agricultural Sciences* 3:31-38 (Tanzania.).
3. **Badifu, G.I.O.**, and Ilochi, J.C. (2004). Impact of provitamin A in mango mesocarp flour in complementary food fed to rats and its acceptability by human. *Journal of Raw Materials Research* 1: 81-92 (Nigeria).

4. **Badifu, G.I.O.** (2001). Effect of processing on proximate composition, anti-nutritional and toxic contents of kernel from *Cucurbitaceae* species grown in Nigeria. *Journal of Food Composition and Analysis* 14:153-161 (USA).
5. **Badifu, G.I.O.** and Akaa, S. (2001). Evaluation and performance of shea fat as shortening in bread making. *Journal of Food Science & Technology* 38: 149-151 (India).
6. **Badifu, G.I.O.,** Igbedioh, S.O. and Iyekolo, O.L. (2001). Chemical composition and functional properties of three tropical *Glycine max* crosses of soya beans. *Applied Science and Management* 5:58-65 (Nigeria).
7. **Badifu, G.I.O.** (2000). Effects of drying methods and storage time on some chemical constituents of the mesocarp of three mango (*M.indica L.*) varieties. *Journal of Management and Technology* 2:37-43 (Nigeria).
8. **Badifu, G.I.O.** and Akubor, P.I. (2000). Influence of pH and sodium chloride on selected functional properties of African bread fruit (*Treculia Africana Decne*) kernel. *Plant Foods for Human Nutrition* 56:105-115 (The Netherlands).
9. **Badifu, G.I.O.** Iiochi, J.C., Dutse, J.V. and Akpapunam, M.A. (2000). Use of mango mesocarp flour to enrich the provitamin A content of complementary food of maize and soya bean flours for preparing porridge. *Food & Nutrition Bulletin* 21:316-322 (USA).
10. **Badifu, G.I.O.** and Arene, C.J. (1999). Evaluation of local technologies used in the extraction of oil from groundnut (*Arachis hypogaea L*) and palm fruit (*Elaeis guineensis Jacq.*) in some parts of Benue and Kogi States of Nigeria. *Discovery & innovation* 11: 44-49 (Kenya).
11. **Badifu, G.I.O.** and Ebegonye, G.M. (1999). Effects of germination on chemical, physical and functional properties of defatted flour of melon (*Citrullus vulgaris* Schrad) kernel. *Journal of Food Science & Technology* 36:63-66(India)
12. **Badifu, G.I.O.,** Anuonye, J.C., Inyang, C.U. (1998). Development and stability of spiced soy-millet flour for the preparation of ‘soy-kununzaki’: a non-alcoholic beverage. *Journal of Applied Science & Management* 2: 92-97 (Nigeria).
13. **Badifu, G.I.O.** and Abah, M.C.O. (1998). Physiochemical properties and storage stability of oils from sesame seed and sheanut kernels. *The Nigerian Journal of Science & Technology* 1:116-123. (Nigeria)

14. **Badifu, G.I.O.** and Abu, J.O. (1996). Effects of frying on some physiochemical changes and storage stability of melon oil. *Discovery & Innovation* 8:257-264 (Kenya).
15. **Badifu, G.I.O.** and Akpagher, E.M. (1996). Effects of debittering methods on the proximate composition, organoleptic and functional properties of sesame (*Sesamum indicum* L) seed flour. *Plant Foods for Human Nutrition* 49:119-126 (The Netherlands).
16. **Badifu, G.I.O.,** Akpapunam, M.A. and Mgbemere, V.N. (1995). The fate of betacarotene in processed leaves of fluted pumpkin (*Telfairia occidentalis* Hook.F): A popular vegetable in Nigerian diet. *Plant Foods for Human Nutrition* 48:141-147 (The Netherlands).
17. **Badifu, G.I.O.** (1993). Food potentials of some unconventional oil seeds grown in Nigeria; a brief review. *Plant Foods for Human Nutrition* 43:211-224 (The Netherlands).
18. **Badifu, G.I.O.** and Okeke, E.M. (1992). Effects of blanching on oxalate, hydrocyanic acid and saponin content of four Nigerian leafy vegetables. *Journal of Agriculture, Science & Technology* 2:71-75 (Nigeria).
19. **Badifu, G.I.O.** (1991a). Unsaponifiable matter on oils from some species of *Cucurbitaceae*. *Journal of Food Composition & Analysis* 4:360-365 (USA).
20. **Badifu, G.I.O.** (1991b). Chemical and physical analysis of oil from four species of *Cucurbitaceae*. *Journal of the American Oil Chemists' Society* 68: 428-432 (USA).
21. **Badifu, G.I.O.** (1991c). Effects of long-term storage of processed Nigeria-grown edible leafy vegetables on vitamin C content. *Journal of Agriculture and Food Chemistry* 39:538-541 (Canada).
22. **Badifu, G.I.O.** and Ogunsua, A.O. (1991). Chemical composition of kernels from some species of *Cucurbitaceae* grown in Nigeria. *Plant Foods for Human Nutrition* 41: 35-44 (The Netherlands).
23. **Badifu, G.I.O.** (1989). Lipid composition of Nigerian *Butyrospemum paradoxum* kernel. *Journal of Food Composition and Analysis* 2: 238-244 (USA).

24. Ogunsua, A.O. and **Badifu, G.I.O.** (1989). Stability of purified melon kernel oil obtained by solvent extraction. *Journal of Food Science* 54:71-73 & 81 (USA).
25. Ogunsua, A.O. and **Badifu, G.I.O.** and Ige, M.M. (1988). Chemical composition of local red and white sorghum and nutrient retention during “ogi” (fermented porridge) preparation. *Nigerian Journal of Applied Science* 6: 89-96 (Nigeria).
26. Onayemi, O. and **Badifu, G.I.O.** (1987). Effects of blanching and drying methods on the nutritional and sensory quality of leafy vegetables. *Plant Foods for Human Nutrition* 37:291-298 (The Netherlands).
27. Akpapunam, M.A., **Badifu, G.I.O.** and Etokudo, E.P. (1997). Production and quality characteristics of Nigerian *agidi* supplemented with soy flour. *Journal of Food Science and Technology* 34: 142-145 (India).
28. Akubor, P.I. and **Badifu, G.I.O.** (2004). Chemical composition, functional properties and baking potential of African breadfruit kernel and wheat flour blends. *International Journal of Food Science and Technology* 39: 223-229 (UK).
29. Anuonye, J.C., **Badifu, G.I.O.**, Inyang, C.U. and Akpapunam, M.A. (2007). Prediction of water sorption properties of extruded *acha*/soya bean blends using response surface analysis. *Global Journal of Pure and Applied Science* 13: 165-174 (Nigeria).
30. Anuonye, J.C., **Badifu, G.I.O.**, Inyang, C.U. and Akpapunam, M.A., Odumudu, C.U. and Mbajika, V.I. (2007). Protein extruded blends of *acha*/soybean: a response surface analysis. *American Journal of Food Technology* 2: 502-511.
31. Anuonye, J.C., **Badifu, G.I.O.**, Inyang, C.U., Akpapunam, M.A., (2007). Effects of extrusion process variables on the analysis and pasting characteristics of *acha*/soybean extrudates using response surface analysis. *American Journal of Food Technology* 2: 354-365.
32. Anuonye, J.C., **Badifu, G.I.O.**, Inyang, C.U., Akpapunman, M.A., and Mazza, M. (2007). Effects of extrusion variables on torque, specific mechanical energy, volumetric flow rate and resident time of blends of *acha*/soybean-a response surface analysis. *Journal of Food Technology* 5: 157-163 (Pakistan).
33. Igyor M.A., Ankeli, J.A. and **Badifu, G.I.O.** (2008a). Quality of beef sausages as affected by defatted melon (*Citrullus vulgaris* Schrad) kernel flour supplementation and refrigerated storage. *Journal of Food Science and Technology* 45:173-176 (India).
34. Igyor, M.A., Ankeli, J.A. and **Badifu, G.I.O.** (2008b). Effects of defatted melon (*Citrullus vulgaris* Schrad) flour supplementation on the storage stability and

microbiological quality of refrigerated beef-based sausages. *Journal of Food Processing & Preservation* 32: 143-158 (USA).

ARTICLE IN PRESS/ JOURNAL OR PUBLISHER

35. Anuonye, J.C., **Badifu, G.I.O.**, Inyang,C.U. and Akpapunam, M.A. Some functional properties of extruded *acha*/soybean blend using response surface analysis. Afro-Euro Centre for Development Studies (Poland).

CONFERENCE/WORKSHOP/SEMINAR ATTENDED WITHIN THE LAST ELEVEN YEARS

- ◆ Nigerian Institution of Food Science & Technology (NIFST) 2005 Conference, Abakaliki, Nigeria.
- ◆ NIFST 2004 Conference, Ibadan.
- ◆ NIFST 2002 Conference, Owerri.
- ◆ NIFST 2000 Conference, Bauchi Nigeria.
- ◆ Workshop on Strategic Planning: A collective Responsibility, organized by the Delta State University, Abraka, December 7-8, 2006.
- ◆ Seminar on Strategic Planning: A key to the Orderly and Sustainable Development of Universities in Nigeria, organized by the Delta State University, Abraka, July 4-5, 2005.
- ◆ Workshop on Implementation of the Pension Reform Act, 2004 : Issues and Guidelines, presented by the Institute of Chartered Accountants of Nigeria under the auspices of the Delta State University, Abraka, March 17-18, 2006.
- ◆ Workshop on Finalization of Bench Mark Survey for Impact Assessment of Vitamin A Food Fortification in Nigeria, February 12-16, Ijebu–Ode, Nigeria under the auspices of UNICEF and Federal Government of Nigeria (FGN).
- ◆ A training workshop on institutionalization of Short-Term Nutrition Training in Nigeria. April 7-9, 1998, Ibadan, Nigeria, under the auspices of UNICEF, Food Basket Foundation International, Ibadan, and National Planning Commission, Abuja, Nigeria.
- ◆ International Conference on Infant and Preschool Child Nutrition 18-21, 1998, Ibadan, Nigeria. Sponsored by UNICEF Country Office, Nigeria.

CURRENT RESEARCH/EXTENSION ACTIVITIES

Research Focus

- ◆ Development of provitamin A-rich complementary food with locally available raw materials.
- ◆ Solar drying of food commodities/products using technology adaptive to rural setting.
- ◆ Anti-nutritional factors in selected oilseeds (melon, sesame, groundnut).
- ◆ Investigation into the reasons for the reported increase in pasting viscosity of flour from fermented cereal grains (e.g. maize and sorghum).

Extension

Through conferences, workshops, seminars and community-based activities.

CONTRIBUTION TO THE FRONTIERS OF FOOD SCIENCE & TECHNOLOGY

- ◆ Creation of awareness on the food and edible vegetable oil potentials of kernel of some species (melon) of *Cucurbitaceae* in Nigeria through publications in learned journals, participation in conferences, workshops, seminars and community-based activities.
- ◆ Evaluation and documentation of traditional technologies used in the extraction of oil from groundnut and palm fruit in Benue State and Igala land of Kogi State of Nigeria. A research project funded by the University of Agriculture, Makurdi, through research grant Number UAM/91/D/52.
- ◆ Enrichment of provitamin A content of maize-based *akamu* for infants and preschool children with soybean and mango mesocarp flours using technology adaptive to rural settings. A commissioned University of Agriculture, Makurdi, and UNICEF-Assisted project No. 20/08.
- ◆ Designed, and guided the construction and use of a prototype mobile wooden solar cabinet dryer as a more hygienic tool for drying food commodities than the traditional method of exposing them to flies, animals, etc. through the University of Agriculture, Makurdi and UNICEF-Assisted project. A battery of the cabinet dryers appeared on the University of Agriculture, Makurdi Almanac 2000 issue.
- ◆ Documentation of Indigenous Foods, Processing Methods and Dietary Patterns of People of Delta State. A completed project during my sabbatical leave at the Delta State University, Faculty of Agriculture, Asaba Campus Sponsored by the Ministry Agriculture Natural Resources, Asaba, Delta State.

EXTRA CURRICULA ACTIVITIES (ON RELIGIOUS FRONT)

- ◆ Catholic background up to 1969
- ◆ Called (1971) into the Eternal Sacred Order of the Cherubim and Seraphim (ESOCS Church) which is affiliated to the Good News Theological College and Seminary, Ghana; Abuja Campus at ESOCS National Headquarters Annex, Abuja, Nigeria.
- ◆ Underwent several training programmes organized by ESOCS Church, Mount Zion National Headquarters, Lagos.
- ◆ In addition, underwent an intensive Bible study programme with the Ambassador Bible College Correspondence Course California, 1985-1990.
- ◆ Life Member of the Bible Society of Nigeria, 1991 to date.
- ◆ President, Mount Zion Youth Society, North Eastern Province, ESOCS Church, Makurdi, Benue State, 1996-1999.
- ◆ Rose through the ordination ranks in ESOCS Church to the present status of SENIOR APOSTLE in 2004.
- ◆ Member, Baba Aladura Ecclesiastical Consultative Council, ESOCS Church, National Headquarters, Lagos, September 2002 to date.
- ◆ Member, Training Committee, ESOCS Church, National Headquarters, Lagos (May, 2007 to date).
- ◆ Member, Farm Committee, ESOCS Church, National Headquarters, Lagos (Jan. 2007 to date).
- ◆ Bible Study Coordinator, ESOCS Church, Makurdi, 1996-1999 and at Ibusa, Delta State, March 2006 to February, 2007.
- ◆ Head and Acting Chairman, Ibusa Branch/District, ESOCS Church, Asaba, Delta State, March 2006 to February, 2007.
- ◆ Acting Chairman, Asaba Province, ESOCS Church, Asaba, Delta State, December, 2006 to date.