

# BIODATA/CURRICULUM VITAE

*OF*

**DR (MRS) UCHE M. NDUBUAKU**



**Name:** NDUBUAKU, Uche  
Chinwuko)

**Department:** Department of Crop Science

**Faculty:** Faculty of Agriculture

**University** University of Nigeria, Nsukka

**Date & Place of Birth:** 12<sup>TH</sup> February 1960 at Shagamu, Ogun  
State.

**State of Origin:** Anambra State

**Nationality:** Nigerian

**Marital Status:** Married

**No. of Children:** Four

**Name and Address of Spouse:** Deacon. T. C. N. Ndubuaku  
National Root Crops Research Institute,  
Umudike, Abia State, Nigeria

**Name and Address of Next of Kin:** Deacon. T. C. N. Ndubuaku  
National Root Crops Research Institute,  
Umudike, Abia State, Nigeria

**Date of First Appointment**

**With previous University:** 16<sup>TH</sup> February, 1995

**Present Position** Senior Lecturer

**Total Number of Years of Teaching and Research**

(a) Polytechnic/College of Education: Nil

(b) University: Over 17 years

**GSM Telephone Number:**

08056128876

**E mail Address:**

uchemay@yahoo.com

## EDUCATIONAL BACKGROUND

*Academic Qualifications/Institutions Attended (With Dates)*

Educational Qualification	Institutions Attended	Dates	
		From	To
West African School Certificate (WASC)	St. Catherine's Girls Secondary School, Nkwerre, Orlu.	1973	1978
B.Sc. (Hons) in Botany (Second Class Lower Div.)	University of Nigeria, Nsukka	1978	1982
M. Sc. (Hons), Crop Science, Agronomy	University of Ibadan(UI)	1983	1984
PhD, Agronomy (Crop Physiology & Nutrition)	University of Ibadan	1984	1994

*Awards and Distinctions:* Olabisi Onabanjo University Research Grant, 2005.

## WORK EXPERIENCE

*Previous Work Experience Outside the University System*

Previous Employments	Dates		Post	Salary
	From	To		
Cocoa Research Institute	Aug. 1982	Sept. 1983	Research	NYSC

of Nigeria, Ibadan.

Assistant

Allowance

Oyo State Teaching Service Sept. 1983

Dec. 1983

Science

Teacher

GL08

(3)

Oyo State Teaching Service May 1985

Dec. 1993

Senior Science GL12 (6)

Teacher and

HOD,

Science

Department

**Previous University:** Olabisi Onabanjo University, Ago-Iwoye, Ogun State, Nigeria

**Number of Years Spent in the Previous University:** 14 Years

**Administrative Functions and Contributions to Olabisi Onabanjo University**

Departmental Examination Officer (1999 to 2004).

Faculty Representative on the College Review Panel (1999 to 2006).

Faculty Representative on the College Forum (2004 to 2006).

College Representative on the University Timetable and Examination Committee (1999 to 2004).

Member of Faculty Board of Examiners (2000 to 2006).

Head, Committee on Establishment of College Crop Collection Garden (2004 to 2006).

College Representative on Olabisi Onabanjo University Consult (2004 to 2006).

Member, College Committee on Establishment of Tree Crop Plantation and other Agricultural  
Business Ventures (2005 to 2006).

Chairperson, Establishment and Management of Faculty Coffee Room (2005 to 2006).

Representative of the Department on College Committee on Research Exhibition (2004 to 2006).



Faculty Representative on Internship Programme (2000 to 2004).

Acting for the Head of Department in his absence (2004 to 2006).

Assistant Coordinator, OOU Women Association, Ayetoro Branch (2006).

### **Administrative Functions and Contributions to University of Nigeria, Nsukka**

Faculty Representative on Senate Entrance Board (2010 to date)

Chairperson, Departmental Postgraduate Committee (2009- date)

Chairperson, Departmental Nursery and Plantation Committee (2007, Sabbatical, 2009-date)

Coordinator, Departmental Vegetable Production (2011- date)

Chairperson, Departmental Curriculum Development Committee (2011 to date)

### **Contributions to the Nation**

Member of Council of Science Association of Nigeria (SAN) (1999 to 2008)

Secretary, OSU LOC for Science Association of Nigeria (SAN) Conference 2000 held at Olabisi  
Onabanjo University from December 10 - 14, 2000.

President, School Management Committee, CRIN Senior Staff Wives Association (CSSWA)  
Nursery and Primary School (1998 to 2006).

Quest Writer/Artist, “Women and Development” Anambra Broadcasting Cooperation, Enugu.  
(1979-1982)

Co-ordinator, Junior Engineers, Technicians and Scientists (Government-Sponsored Youth  
Programme) Prospect High School, Abanla, Ibadan. (1990 – 1993).

Associate Editor, Journal of Research in Agriculture, University of Uyo, Akwa Ibom (2000 to  
2008).

Southeast Zonal Coordinator, Moringa Development Association of Nigeria

### **MEMBERSHIP OF AND REGISTRATION WITH PROFESSIONAL BODIES**

Member of Science Association of Nigeria (SAN)

Member of Agricultural Society of Nigeria (ASN)

Member of Foundation for African Development Through International Biotechnology  
(FADIB)

Member of Advisory Board, American Biographical Institute for Professional Women.

Member of Moringa Development Association of Nigeria

## PUBLICATIONS

### Books:

- \*1. Ndubuaku, T. C. N. and **Ndubuaku, U. M.** (2005). A Guide to Agricultural Chemicals Available in Nigeria (Insecticides, Fungicides and Herbicides). Volume 1, Answers Communication Concepts, Apata Lagos, Nigeria. 64 pp.
  
- \*2. Ndubuaku, T. C. N., Asogwa, E. U. and **Ndubuaku, U. M.** (2005). Bibliography of Research Publications on Cocoa (*Theobroma cacao*). Answers Communication Concepts, Apata Lagos, Nigeria. 110 pp.
  
- \*3. Ndubuaku, T. C. N., Asogwa, E. U. and **Ndubuaku, U. M.** (2005). Bibliography of Research Publications on Kola (*Cola acuminata* and *Cola nitida*). Answers Communication Concepts, Apata Lagos, Nigeria. 34 pp.
  
- \*4. **Ndubuaku, U. M.** and Ndubuaku, T.C. N. (2010). Handbook on bare-root transplanting of cocoa seedlings. Farmer's Guide. University of Nigeria Press Limited, University of Nigeria, Nsukka, 18 pp.
  
- \*5. **Ndubuaku, U.M.** (2010). Progress in production of cocoa, kola, sugarcane and maize. University of Nigeria Press Limited, University of Nigeria, Nsukka, 66pp.
  
- \*6. Ndubuaku, T. C. N. and **Ndubuaku, U. M.** (2011). *Moringa oleifera*; Medicinal and nutritional crop: Its botany, production and utilization. University of Nigeria Press Limited, University of Nigeria, Nsukka, 47pp.

- \*7. **Ndubuaku, U. M.** and Dimelu, N. I. (2011). Moringa dishes and products in South Eastern Nigeria . University of Nigeria Press Limited, University of Nigeria, 29pp.
- \*8. **Ndubuaku, U. M.** Principles of forestry, crop physiology, nutrition and anatomy. University of Nigeria Press Limited, University of Nigeria, Nsukka, (in press).
- \*9. **Ndubuaku, U. M.** Economic crops of Nigeria. University of Nigeria Press Limited, University of Nigeria, Nsukka, (in press).

### **Chapter in Book**

- 10. **Ndubuaku, U. M.,** Nassir, A. L and Osunlaja, S. O. (1997). Tree crop production, processing and utilization. In Essentials of General Studies (Culture, Agriculture and Computer)\_2: 145-167.

### **Journal Articles**

- 11. **Chinwuko, U. M.** and Lucas, E. O. (1986). The effect of different particle sizes of sawdust and forest topsoil on germination, growth and development of two cocoa varieties in the nursery. *Turrialba* 36 (3): 307-314
- 12. **Ndubuaku, U. M.** (1997). Effect of previous land-use on growth and nutrient uptake of cocoa (*Theobroma cacao* L.) seedlings. *Nigerian Journal of Tree Crop Research*, 1 (2): 78-87
- 13. **Ndubuaku, U. M.** and. Lucas, E. O. (1998). Evaluation of copper accumulation in soils under cocoa sprayed with copper-based fungicides and the effects of different copper levels on growth of cocoa (*Theobroma cacao* L.) seedlings. *Nigerian Journal of Tree Crop Research* 2(2): 39-50.

14. **Ndubuaku, U. M.** and Lucas, E. O. (2000). Nutrient release and fertilizer need of soils of old cocoa plots. *Nigerian Journal of Science* 34 (4): 381-387.
  
15. **Ndubuaku, U. M** and Oyekanmi, E. O. (2000). Preliminary effect of sawdust/ topsoil mixtures on germination, root volume and other growth parameters of F<sub>3</sub> Amazon cocoa seedlings in the nursery; *Nigerian Journal of Science* 34 (4): 389-394.
  
- \*16. **Ndubuaku, U. M.** (2003). [Effects of nursery beds and different sizes of polythene bags on germination, growth and development of cacao \(\*Theobroma cacao\* L.\) seedlings \*Trop. Agric. \(Trinidad\)\*, 80\(1\): 54-58.](#)
  
- \*17. **Ndubuaku, U. M** and Kassim, A. (2003). [Use of organic and inorganic fertilizers to improve the rate of cocoa seedling establishment in the field in Nigeria. \*International Tree Crop Journal \(Forests, Trees and Livelihood\)\* U.K. 13: 101-106.](#)
  
- \*18. **Ndubuaku, U. M.** and Ndubuaku, T. C. N. (2004). Effects of bean condition on germination and nursery performance of some selected *Theobroma cacao* L. genotypes. *The Ogun Journal of Agricultural Sciences* 3: 202-209.
  
- \*19. **Ndubuaku, U. M.** (2005). Bare-root transplanting of cocoa seedlings: 2. Effect of different planting hole diameters on establishment of bare-root F<sub>3</sub> Amazon cocoa seedlings transplanted into the field. *International Research and Development Journals: Journal of Research in Agriculture* 2(1): 13-16.
  
- \*20. **Ndubuaku, U. M.** (2005). [Evaluation of transplanted bare-rooted cocoa seedlings for enhanced field establishment under different preservation methods. \*Moore Journal of Agricultural Research\* 6\(1\): 24-29.](#)

- \*21. Ndubuaku, U. M.** and Ndubuaku, T.C.N. (2005). Use of weevil infested *Cola nitida* nuts for production of nursery seedlings. *International Tree Crop Journal (Forests, Trees and Livelihood) U.K.* 17 (1): 91-95.
- \*22 Ndubuaku, U. M.** Oworu, O. O. and Dada, O. A. (2006). Morphology, anatomy and physiology of mature and immature sugar cane storage tissues in relation to sugar, moisture and crude fibre compositions, *Nigerian Journal of Science* 40: 108-113.
- \*23. Ndubuaku, U. M** and Awolaja, S. O (2007). Effect of intercropping with cowpea on field establishment of F<sub>3</sub> Amazon cocoa seedlings and soil nutrient status. *International Tree Crop Journal (Forests, Trees and Livelihood) U.K.* 17 (2): 169-177.
- \*24. Olaleye, A. O., Ndubuaku, U. M.** and Dada, O. A. (2008). Comparative study of the performance of jute plant (*Corchorus olitorius* L.) on home garden soil, farmland and cocoa plantation soils as influenced by varying levels of N fertilizer. *Agro Science Journal of Tropical Agriculture, Food, Environment and Extension* 7(1): 78-84.
- 
- \*25. Ndubuaku, U. M.** and Peluola, C. O. (2009). Performance of *Citrus*, pawpaw, cocoa, kola and cashew seedlings transplanted into the field at Ayetoro savannah vegetation. *Journal of Agricultural Research and Policies* 4(1): 39-45.
- \*26. Ndubuaku, U. M.,** Ndubuaku, T. C. N. and Ike, E. (2011). Effects of *Moringa oleifera* leaf extract on morphological and physiological growth of cassava and the efficacy in control of *Zonocerus variegates*. *Agro-Science Journal of Agriculture, Food, Environment and Extension*, Volume 10 (2): 78-82.
- \*27. Ndubuaku, N. E., Ezeaku, P. I. and Ndubuaku, U. M.** (2012). Contributions of *Moringa (Moringa oleifera)* tree foliage to enrichment of plant nutrients in soils of Nsukka,

Nigeria. *Agro-Science Journal of Agriculture, Food, Environment and Extension*, Volume 11 (1).

- \*28. [Ndubuaku, U. M. \(2012\). Yield characteristics of \*Moringa oleifera\* across different ecologies in Nigeria as an index of its adaptation to climate change. \*Journal of Agriculture, Biotechnology and Ecology, China\*. Volume 5\(1\).](#)
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- \*29. **Ndubuaku, U. M.** (2012). *Moringa oleifera* Lam: A millennium crop against climate change and food insecurity threats in Nigeria. *Faculty of Agriculture, University of Nigeria, Nsukka Lecture Series and Research Output*, 2010-2012, pp 100-115

#### **Published Conference Proceedings**

30. **Ndubuaku, U. M.** (1999). Effect of nursery beds and different sizes of polythene bags on germination, growth and development of cocoa (*Theobroma cacao* L.) seedlings. *Bulletin of Science Association of Nigeria*, 22:7-12.

31. **Ndubuaku, U. M** and Awolaja, S. O. (2000). Effect of cocoa seedling/cowpea intercrop on field establishment of F<sub>3</sub> Amazon cocoa seedlings and soil nutrient status. *Bulletin of Science Association of Nigeria*, 23: 101-104.

- \*32. [Ndubuaku, U. M. and Kassim, A. \(2003\). Use of organic and inorganic fertilizers to improve the rate of cocoa seedling establishment in the field. \*14<sup>th</sup> International Cocoa Research Conference Proceedings, Accra, Ghana\* 1: 247-251.](#)

- \*33. **Ndubuaku, U. M** and Ndubuaku, T. C. N (2003). Effect of bean condition and sowing media on germination and nursery performance of some selected *Theobroma cacao* L.

genotypes. *14<sup>th</sup> International Cocoa Research Conference Proceedings, Accra, Ghana* 1: 477-480.

\*34. **Ndubuaku, U. M.** (2003). Bare-root transplanting of cocoa seedlings.1. Evaluation of different storage methods to ensure good field establishment. *14<sup>th</sup> International Cocoa Research Conference Proceedings, Accra, Ghana* 1: 481-486.

\*35. **Ndubuaku, U. M.** (2004). Bare-root transplanting of cocoa seedlings: 2. Effect of different planting hole diameters on establishment of bare-root F<sub>3</sub> Amazon cocoa seedlings transplanted to the field *Bulletin of Science Association of Nigeria*, 25: 231- 235.

\*36. **Ndubuaku, U. M.** Oworu, O. O and Dada, O. A (2006). Anatomical and physiological studies of mature and immature sugar cane storage tissues in relation to sugar, moisture and crude fibre compositions. *Bulletin of Science Association of Nigeria* 27: 32-35.

\*37. **Ndubuaku, U. M.** and Peluola, C. O. (2006). Performance of citrus, pawpaw, cocoa, kola and cashew seedlings in field at Ayetoro savannah vegetation of Nigeria. *Bulletin of Science Association of Nigeria* 27: 62-68.

\*38. Olaleye A. O. **Ndubuaku, U. M.** and Dada, O. A. (2006). Performance of *Corchorus olitorius* (L) on soils of three land-use types as influenced by varying levels of N-fertilizer. *Bulletin of Science Association of Nigeria*, 27: 44-47.

\*39. **Ndubuaku, U. M.** (2011). Evaluation of yield characteristics of *Moringa oleifera* plants grown  
in different ecological locations of Nigeria as a study of its adaptation to climate change.



*Book of Proceedings of the 6<sup>th</sup> Annual National Conference of the Society for Occupational Safety and Environmental Health* held from 8<sup>th</sup> -11<sup>th</sup> November, 2010, pp 72-82.

\*40. **Ndubuaku, U. M.** and Ike, E. (2010). Use of *Moringa oleifera* leaf extract in the control of *Zonocerus variegatus* in the production of *Manihot species*. *Proceedings of the 6<sup>th</sup> Annual Conference on Organic Agriculture held in Maiduguri, Borno State, Nigeria* held from November 21<sup>st</sup>-24<sup>th</sup> , 2010, pp186-191.

### **Technical Reports**

**41. Chinwuko, U. M.** (1984). Land clearing and soil fertility management in Nigeria. Paper submitted to the Department of Agronomy, University of Ibadan in partial fulfilment for the Degree of Master of Science (M.Sc.) 34 pp.

**42.. Chinwuko, U. M** (1984). The biology and control of *Rottboellia exaltata*. Paper submitted to the Department of Agronomy, University of Ibadan in partial fulfilment for the degree of Master of Science (M.Sc.) 18 pp.

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**\* Papers published after the last promotion.**

### **CONFERENCES ATTENDED WITH DATES AND PAPERS READ**

1. Attended National Agricultural Research Project, NARP. Workshop on improvement of Tree Crop Production in Nigeria. Cocoa Research Institute of Nigeria, January 19-22, 1997.
2. Ndubuaku, U. M. (1999). Effect of different storage methods on bare-root transplanting of cocoa seedlings in the field. Paper presented at the 37<sup>th</sup> Annual Conference of Science Association of Nigeria held at ATBU, Bauchi, November 21 – 25, 1999.

3. Ndubuaku, U. M. (2000). Effect of bean condition and sowing media on germination and nursery performance of some selected *Theobroma cacao* L. genotypes. Paper resented at the 37<sup>th</sup> Annual Conference of Agricultural Society of Nigeria (ASN) held at ATBU, Bauchi, August 4 – 8, 2000.
4. Ndubuaku, U. M. (2000). Effect of organic and inorganic fertilizer on soil nutrient status and early establishment of F3 Amazon cocoa seedlings in the fields. Paper presented at the 28<sup>th</sup> Annual Conference of Nigerian Society for Plant Protection (NSPP) held at CRIN, Ibadan, September 24 – 28, 2000.
5. Ndubuaku, U. M. (2000). Effect of cocoa seedling/cowpea intercrop on field establishment of F3 Amazon cocoa seedlings and soil nutrient status. Paper presented at the 38<sup>th</sup> Annual Conference of Science Association of Nigeria (SAN) held at Olabisi Onabanjo University, Ago-Iwoye, December 10 – 14, 2000.
6. Ndubuaku, U. M. (2003). Bare-root transplanting of cocoa. 14<sup>th</sup> International Cocoa Conference held in Ghana between 13<sup>th</sup> and 18<sup>th</sup> August 2003.
7. Ndubuaku, U. M. (2004). Effect of planting hole diameter on the establishment of bare root seedlings on the field. 40<sup>th</sup> Annual Conference of Science Association of Nigeria (SAN) held at University of Ibadan between 20<sup>th</sup> and 24<sup>th</sup> of March 2004.
8. National Conference of Agricultural Society of Nigeria held at University of Benin, Benin City, between October 9 – 13, 2005.
9. Science Association of Nigeria Conference held at Tai Solarin University of Education, Ijebu Ode, Ogun State, between 17<sup>th</sup> and 21<sup>st</sup> September, 2006.

Paper Read:

Ndubuaku, U. M. and Peluola, C. O. Performance of citrus, pawpaw, cocoa, kola and cashew seedlings transplanted into the field at Ayetoro savannah vegetation.

10. The First South East Zonal Biotechnology Stake Holders' Forum held at University of Nigeria, Nsukka on 13<sup>th</sup> February, 2009

11. International Conference on Science, Biotechnology and Sociology. Professor Agu Ogan's Lecture Series held at University of Nigeria, Nsukka from 9<sup>th</sup>-12<sup>th</sup> March, 2009.

12. Sixth Annual Conference of Society for Occupational Safety and Environmental Health on Environmental Hazards in Developing Countries: The Way Forward held at University of Nigeria, Nsukka from 3<sup>rd</sup> – 6<sup>th</sup> November, 2010.

Paper Read:

Evaluation of yield characteristics of *Moringa oleifera* plants grown in different ecological locations of Nigeria as a study of its adaptation to climate change

13. International Seminar on Climate Change, Nanoscience and Nanotechnology held at University of Nigeria, Nsukka from 17<sup>th</sup> – 20<sup>th</sup> November, 2010.

14. Sixth National Conference on Organic Agriculture held at University of Maiduguri, Maiduguri, Nigeria from 22<sup>nd</sup> -25<sup>th</sup> November, 2010.

Papers Read:

[Ndubuaku, U. M. Effects of \*Moringa oleifera\* leaf extract on morphological and physiological growth of cassava and the efficacy in control of \*Zonocerus variegatus\*.](#)

**Ndubuaku, U. M.** Insecticidal effects of *Moringa oleifera* leaf extract and Furadan on stem borer (*Sesamia calamistis*) and nutritional status of late maize.

15. First National Summit on Moringa Development held at Raw Materials Research and Development council, RMRDC, Abuja from 7<sup>th</sup> -8<sup>th</sup> December, 2010.

16. International Workshop on Conflict Management and Resolution in Forestry and Natural Resources organised by African Network for Agriculture, Agro forestry and Natural

Resources (anafe) and Food and Agricultural Organization (FAO) at Nairobi, Kenya from  
21<sup>st</sup> – 25<sup>th</sup> February, 2011