

## Curriculum Vitae

**Name:** Adejoke Olukemi **AKINYELE (nee Onibokun)**

**Sex:** Female

**Marital Status:** Married

**Date Of Birth:** 13th February, 1975

**Nationality:** Nigeria

**Telephone (Mobile):** 234 802 548 1700

**E-mail address:** [akinyelejo@yahoo.co.uk](mailto:akinyelejo@yahoo.co.uk)

**Area of specialization:** Tree Improvement and Silviculture

**Present Post:** Lecturer II

**University Education:** University of Ibadan, Nigeria (2001-2007)  
University of Ibadan, Nigeria (1999-2000)  
University of Ibadan, Nigeria (1992-1998)

**Academic Qualifications:** Ph.D Tree Improvement and Silviculture (2007)  
M.Sc. Forest Biology and Silviculture (2000)  
B.Sc. Forest Resources Management (1998)

### Details of Teaching Experience at the University Level:

#### Courses taught at Undergraduate level:

- (a) Tree Improvement and conservation of genetic resources
- (b) Principles of Silviculture
- (c) Forest Soils
- (d) Introduction to Forest Resources Management

#### Courses taught at Postgraduate level:

- (a) Forest nutrient relations
- (b) Resource capture in Agroforestry
- (c) Forest genetics and Tree improvement
- (d) Soil and Soil-plant relationship in Agroforestry

## **Brief Profile:**

Adejoke Akinyele joined the department of Forest Resources Management, University of Ibadan, in September, 2008. Her area of specialization is Tree Improvement and Silviculture. Before joining the academic system, she worked with Heritage Resource Conservation Project as a Silviculturist and as an assistant Project Manager where she was responsible for nursery and plantation management, establishment of large-scale plantation of *Tectona grandis* and *Irvingia wonbulu* (20 hectares per annum) and coordination of a team of workers to achieve the project objectives. She also worked as a Silviculturist with the Jigawa State Afforestation Project, Jigawa State, Nigeria. She was responsible for nursery and plantation management, extension activities directed towards small holders in afforestation and the management and sustainable use of natural resources and development of research to increase understanding of afforestation among local communities. She is an amiable person that always aspires to obtain excellent results. She is honest, open and above board. Clear direct but a tactful communicator. She is optimistic, enthusiastic action oriented with good judgment and instincts. She has outstanding leadership, good motivational skills and is a team player.

## **Membership of learned society:**

1. Third World Organization for Women in science
2. Society for Conservation Biology
3. Young Women Conservation Biology
4. International Biometrics Society
5. Sub-Saharan African Network of the International Biometrics Society
6. Forestry Association of Nigeria
7. University of Ibadan Forestry Alumni

## **Scientific Publications**

### **A. Project, Dissertation and Thesis**

- i) Nitrogen Value of pruning of *Leuceana leucocephala*, *Senna siamea* and *Enterolobium cyclocarpum* B.Sc project, Department of Forest Resources Management, University of Ibadan, Nigeria
- ii) Pollen Management and Viability studies in *Bauhinia tomentosa* Linn. M.Sc project, Department of Forest Resources Management, University of Ibadan, Nigeria
- iii) Silvicultural requirements of seedlings of *Buchholzia coriacea* Engler. Ph.D thesis, Department of Forest Resources Management, University of Ibadan, Nigeria

### **B. Publications in learned journals**

1. **Akinyele, A.O.** and Adegeye A.O. 2007. Significance of seed weight on the growth and biomass of seedlings of *Buchholzia coriacea*. *Obeche Journal* Vol 25 (1) 21-27

2. **Akinyele, A.O.** and Bada, S.O. 2007. Provenance variation in seedlings of *Buchholzia coriacea* Engler. *Obeche Journal* Vol 25 (1)58-64.
3. Oni, O. and **Onibokun, A.O.** 2002. Pollen Management and Viability studies in *Bauhinia tomentosa* Linn. *Journal of Ethnobotany* (2)2: 79-87

### **Conference proceeding**

4. **Akinyele, A.O.** (2010). *Jatropha carcus*, a future Energy crop and an alternative bioenergy. Humboldt-Kolleg International Conference, Alexander von Humboldt Foundation. Ladoke Akintola University of Technology, Ogbomosho. January 11-14, 2010.

### **Conferences, Trainings and Workshops attended with dates:**

- Contemporary approaches in genetic resource conservation and use. Wageningen International Centre for Genetic Resources, The Netherlands. April 12-30, 2010.
- Humboldt-Kolleg International Conference, Alexander von Humboldt Foundation. Ladoke Akintola University of Technology, Ogbomosho. January 11-14, 2010.
- Norman E. Borlaug International Agricultural Science and Technology Fellows Program, School of Forest Resources and Conservation, University of Florida, Gainesville, USA. October – December, 2009.
- Florida Genetics symposium (2009). Fifth Annual symposium of the University of Florida Genetic Institute. Held at the Cancer and Genetics Research Complex, University of Florida, Gainesville, Florida, USA. October 28-29.
- Bioinformatics and Functional Genomics Workshop. Conducted by West African Bioinformatics Research Initiative (WABRI). Held at the Bells University of Technology, Ota, Nigeria. 15<sup>th</sup> July- 18<sup>th</sup> July, 2008.
- Stakeholders Workshop on Forest Governance and Logging practices in Nigeria and Cameroon. Sponsored by African Forest Research Network (AFORNET). Held at Bowen University, Iwo- Nigeria. 27<sup>th</sup> August, 2008.
- Methodology of Basic and Applied Research organized by Postgraduate School, University of Ibadan. May 22-26, 2006.
- Guidelines for writing a doctoral thesis organized by Postgraduate School, University of Ibadan. 24-28 February, 2004.

### **Research interest:**

Domestication and improvement of forest tree species is very essential to reduce the loss of biodiversity in the forest. Tree improvement is the application of genetic principles to increase the value of tree crops so as to enhance economic returns from wood and paper products. Very little research has been carried out on tropical forest species that are not used for timber. Detailed

information on such non-timber species has not gone beyond the observation stage. Information on genetics of forest trees, and the application of this knowledge to tree improvement through biotechnology will bring immeasurably changes. My interest is centered on domestication, improvement and conservation of indigenous tree species of Nigeria. I want to look into genomic approaches to studying trees and use new technologies to study genetic polymorphism in trees. I want to research into using sophisticated ways to probe tree functional by transgenic, tissue culture, and physiological approaches. I also hope to investigate tree molecular biology and physiology, and genetic improvement of wood traits. My current research areas are: Sustainable Forest Management through better culture system by women; role of women in forestry production, provision of large number of propagules for supply to areas of need and improvement of some selected indigenous tree species. I am therefore interested in domestication, improvement and conservation of indigenous forest species which are sources of Timber and Non Timber Forest Produce (NTFP).