
OLAJUYIGBE SAMUEL OLALEKAN – CURRICULUM VITAE

1 Jacob Okoh Close,
Ogudu, Ojota
Lagos
Nigeria.

OBJECTIVE

Seek to obtain opportunities that will enable me utilize my skills as a lecturer and researcher thus, impacting knowledge, promoting environmental protection, sustainable management and development.

BIO-DATA

SURNAME	OLAJUYIGBE
FIRST NAME	SAMUEL
OTHER NAME	OLALEKAN
DATE OF BIRTH	27 TH NOVEMBER, 1979
SEX	MALE
MARITAL STATUS	MARRIED
STATE	EKITI
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NATIONALITY	NIGERIAN

ACADEMIC QUALIFICATIONS

- **PhD Forestry** **2011**
University College Dublin, Dublin, Ireland
- **M.Sc. Forest Resources Management** **2007**
University of Ibadan, Ibadan, Nigeria
- **Certificate in Tropical Conservation and Ecology** **2006**
Tropical Biology Association, Uganda
- **Certificate of Proficiency in the Use of English** **2005**
University of Ibadan, Ibadan, Nigeria
- **B.Sc. Forest Resources Management** **2004**
Second Class Honours (Upper Division)
University of Ibadan, Ibadan, Nigeria
- **Senior School Leaving Certificate (May/June)** **1996**
Lagos City College, Yaba, Lagos, Nigeria
- **Senior School Certificate (November/December)** **1997**
- **First School Leaving Certificate** **1990**
Ladi Lak Institute, Yaba, Lagos Nigeria

WORK EXPERIENCE

- **Lecturer II** **2012- date**
Department of Forest Resources Management
University of Ibadan
Courses being taught:
FRM 312: Natural Ecosystems
FRM 314: Principles of Silviculture
FRM 521: Tropical Tree Crop Production Practices
FRM 522: Production Ecology
FRM 724: Primary Production in Forest and Savanna
FRM 725: Quantitative Forest Ecology
FRM 727: Advanced Topics in Forest Protection
FRM 728/ MAF 701: Agroforestry Concepts, Systems and Practices
MAF 710: Advanced Topics in Agroforestry 1 (Biological)
MAF 712: Advanced Agroforestry Ecology

- **Tutor and Practical Demonstrator** **2008 – 2010**
School of Biology and Environmental Science
University College Dublin
Belfield, Dublin, Ireland
Courses taught:
BIOL 10020: Cells, Genes and Microbes
BIOL 10050: Animal Diversity and Evolution
BIOL 10060: Plants, Fungi and Environmental Science
FOR 30100: Forest Management

- **Researcher**, Work Package 1 in the Carbon Sequestration in Irish Forest Ecosystem (CARBiFOR) II project, University College Dublin, Ireland **2007 - 2011**

Job Description:
Study of eco-physiological processes in Irish forests
Forest inventory and monitoring of biogeochemical processes
Independent and group research activities
Setting up long term field experiments
Research findings dissemination

- **Facilitator** of the Climate Change Courses in the Global Issues Seminar Series of Suas Educational Development, Dublin Ireland **2009 – 2011**

- **Reviewer**, Plant and Soil Journal **2011**

- **Teaching/Research Assistant** **2006 - 2007**
 Department of Forest Resources Management
 University of Ibadan, Nigeria
Courses Taught:
FRM 314: Principles of Silviculture
FRM 512: Forest Protection and Conservation
FRM 524: Processing and Utilization of Forest Produce
- **Lecturer/Researcher** (National Youth Service) **2004-2005**
 Federal College of Forestry (Forestry Research Institute of Nigeria)
 Jos – Plateau State, Nigeria
Courses Taught:
Introduction to Silviculture
Forest Biometrics
Forest Ecosystems
Forest Management

TRANSFERRABLE SKILLS (MODULAR)

- Project management
- Online research skills
- Facilitation and presentation skills
- Transferrable technology from research to knowledge economy
- Introduction to entrepreneurship

INTERESTS AND STRENGTHS

- Purposeful, target driven and result oriented
- Good human management and relations
- Good listening and learning skills
- Traveling and networking
- Community development
- Analytical thinking

ACADEMIC DISTINCTIONS, AWARDS AND SCHOLARSHIPS

- PhD Scholar of the Irish Centre for Forest Research and Development (COFORD) **2007- 2011**
- Short-term Scientific Mission Grant, COST FP0803 **2010**
- Tropical Biology Association (TBA) Scholar **2006**
- Departmental Prize for Best Graduating Student **2004**
- Commonwealth Forestry Prize Bureau **2004**
- The Laurie Prize **2004**
- Professor L.C. Nwoboshi Prize in Silviculture **2004**
- Mr. O. K. Sokunbi's Prize in Forestry **2004**
- Professor Enabor's Prize in Forest Economics **2004**
- Undergraduate Federal Scholarship Award **2003**

WORKSHOPS AND FIELD EXPERIENCE

- Short-term Scientific Mission to University of Helsinki, Helsinki Finland. **2010**
- The value of forest monitoring networks: Their role in a changing environment. Glenview, Wicklow, Ireland. **2010**
- National demonstration of tending and first thinning of broadleaves field day. Organised by Agriculture and Food Development Authority (Teagasc), Kilbride, Co. Roscommon Ireland. **2009**
- Participant in a training workshop on GIS tools for private sector roundwood forecasting. Portlaoise, Ireland. **2009**
- Forest ecosystem management in the 21st Century (Scientific Seminar). European Forest Institute (EFI) Conference, Dublin. **2009**
- Tour of the different forests and forest management systems in Germany **2009**
- Field assistant in an African Forestry Research Network (AFORNET) Project on the evaluation of the pulping potentials of two non-wood forest products in selected countries of West Africa. **2007**
- Participant in a training workshop on the cultivation of edible tropical mushrooms, at the University of Ibadan, Ibadan, Nigeria. **2006**
- African participant in the Tropical Biology Association field course on Tropical Ecology and Conservation in Uganda. **2006**
- Participant in the African Forestry Network (AFORNET) International Stakeholders' Workshop on the Assessment of Joint Forest Management Practices in Nigeria, Ghana and Niger Republic, Ibadan Nigeria. **2005**
- Research assistant for an International Tropical Timber Organisation (ITTO) project on the development of a sustainable management model for a degraded lowland rainforest in Southwestern Nigeria. **2005**
- Field instructor in the survey and inventory of Nimbia plantation, Kaduna State, Nigeria. **2005**
- Field instructor in the collection of 10,000 striplings and wildings of *Gmelina arborea* and *Tectona grandis* from Nimbia plantation, Kaduna State Nigeria. **2005**
- Field instructor in the identification of biodegrading agents of wood and wood treatment in Federal College of Forestry, Plateau State Nigeria. **2005**

PUBLICATIONS, CONFERENCES AND RESEARCH PAPERS

Publications:

- **Olajuyigbe, S.**, Tobin, B., Nieuwenhuis, M. (2012a). Temperature and moisture effects on respiration rate of decomposing logs in a Sitka spruce plantation in Ireland. *Forestry* doi:10.1093/forestry/CPS045
- **Olajuyigbe, S.**, Tobin, B., Hawkins, M., Nieuwenhuis, M. (2012b). The measurement of woody root decomposition using two methodologies in a Sitka spruce forest ecosystem. *Plant and Soil*. doi: 10.1007/s1104-012-1222-7
- **Olajuyigbe, S.**, Tobin, B., Saunders, M., Nieuwenhuis, M. (2012c). Forest thinning and soil respiration in a Sitka spruce forest in Ireland. *Agricultural and Forest Meteorology* 157, 86-95. doi: 10.1016/j.agrformet.2012.01.016
- **Olajuyigbe, S.O.**, Tobin, B., Gardiner, P., Nieuwenhuis, M. (2011). Stocks and decay dynamics of above- and belowground coarse woody debris in managed Sitka spruce forests in Ireland. *Forest Ecology and Management* 262, 1109-1118. doi:10.1016/j.foreco.2011.06.010
- **Olajuyigbe, S. O.**, Ogunsanwo, O.Y. and Adegeye, A.O. (2010). Compressive strength in heartwood extract of Teak (HWE) treated hardwoods after exposure to white rot attack. *International Journal of Biological and Chemical Sciences* 4, 571-578.
- Adegeye, A.O., Ogunsanwo, O.Y and **Olajuyigbe, S.O.** (2009). Antifungal activities of heart wood extract (HWE) of Teak *Tectona grandis* against two white rots in woods of *Gmelina arborea* and *Triplochiton scleroxylon*. *Academic Journal of Plant Sciences* 2 (4), 279-285.
- Adegeye, A. O., Ekpo, E. N. and **Olajuyigbe, S. O.** (2006). Growth predictions and nutritive value of *Pleurotus tuber-regium* (Fries) Singer on different substrates. *Obeche Journal* 25 (1), 79-83.
- Adegeye, A.O., Ekpo, E.N. and **Olajuyigbe, S.O.** (2005). Growth of *Pleurotus tuber-regium* (Fries) Singer on three substrates using hydrogen peroxide sterilization. *Ibadan Journal of Agricultural Research* 1 (2), 61-66.

Conference contributions

- **Olajuyigbe, S.**, Gardiner, P., Tobin, B. and Nieuwenhuis, M. (2011). Effects of temperature and moisture on CO₂ respired from decomposing logs. [Poster Presentation (Refereed)], *Carbon balance after disturbance and drought*, Barcelona, Spain, 27-JUN-11 - 01-JUL-11.
- **Olajuyigbe, S.**, Tobin, B., Nieuwenhuis, M. and Gardiner, P. (2011). Stocks and residence time of coarse woody debris in thinned Sitka spruce plantations.

[Refereed Abstracts], *IPSAM 2011 meeting*, Queen's University, Belfast, Northern Ireland, 07-JUN-11 - 09-JUN-11.

- **Olajuyigbe, S.**, Tobin, B., Gardiner, P. and Nieuwenhuis, M. (2011). Decomposition of above and belowground deadwood in managed Sitka spruce forests in Ireland. [Refereed Abstracts], *International Symposium on dynamics and ecological services of deadwood in forest ecosystems*, Rouyn-Noranda Congress Center, Quebec, Canada, 15-MAY-11 - 19-MAY-11.
- **Olajuyigbe, S.**, Tene, A., Tobin, B., Gardiner, P. and Nieuwenhuis, M. (2010). Effects of environmental factors on CO₂ fluxes and mass loss from decomposing woody litter in a managed Sitka spruce forest. [Poster Presentation], *UCD Earth Sciences Institute Festival of Research*, Dublin, Ireland, 08-DEC-10 - 08-DEC-10.
- Gardiner, P., Nieuwenhuis, M., **Olajuyigbe, S.** and Tobin, B. (2010). Partitional and whole tree biomass modeling of Sitka spruce. [Poster Presentation], *UCD Earth Sciences Institute Festival of Research*, Dublin, Ireland, 08-DEC-10 - 08-DEC-10.
- **Olajuyigbe, S.**, Matthew, S., Tobin, B., Tene, A., Gardiner, P. and Maarten Nieuwenhuis (2010) CO₂ emission and mass loss from decomposing woody litter in a managed Sitka spruce forest. [Poster Presentation (Refereed)], *Second Meeting of COST Action FP0803: Belowground Complexity*, Slovenian Forestry Institute, Ljubljana, Slovenia, 01-SEP-10 - 04-SEP-10.
- **Olajuyigbe, S.**, Tobin, B., Gardiner, P. and Nieuwenhuis, M. (2010). Decay of woody roots in Sitka spruce forests in Ireland. [Poster Presentation (Refereed)], *5th International Symposium on Physiological Processes in Roots of Woody Plants*, University of Victoria, BC, Canada, 08-AUG-10 - 12-AUG-10.
- **Olajuyigbe, S.**, Gardiner, P., Tobin, B. and Nieuwenhuis, M. (2010). Coarse woody debris: a vital store of carbon in Irish plantation forestry? [Refereed Abstracts], *IPSAM 2010 meeting*, University College Dublin, Dublin, Ireland, 02-JUN-10 - 04-JUN-10.
- Gardiner, P., **Olajuyigbe, S.**, Tene, A., Tobin, B., Saunders, M. and Nieuwenhuis, M. (2010). Tree height influence on total biomass and biomass components in Sitka spruce. [Refereed Abstracts], *IPSAM 2010 meeting*, University College Dublin, Dublin, Ireland, 02-JUN-10 - 04-JUN-10.
- Tobin, B., Gardiner, P., **Olajuyigbe, S.**, Tene, A., Saunders, M. and Nieuwenhuis, M. (2010). Forest carbon stocks and effects of management. [Refereed Abstracts], *IPSAM 2010 meeting*, University College Dublin, Dublin, Ireland, 02-JUN-10 - 04-JUN-10.
- **Olajuyigbe, S.**, Tobin, B., Gardiner, P. and Nieuwenhuis, M. (2010). Contribution of belowground coarse woody roots to the soil organic carbon pool. [Poster Presentation (Refereed)], *COST Action FP0803: Belowground carbon turnover in European forests – State of the art*, Birmensdorf, Switzerland, 26-JAN-10 - 28-JAN-10.

- Tobin, B., Gardiner, P., **Olajuyigbe, S.**, Saunders, M. and Nieuwenhuis, M. (2009). Forest carbon stocks and the effect of thinning. [Poster Presentation (Refereed)], *UCD School of Agriculture, Food Science and Veterinary Medicine Research Day*, Dublin, Ireland, 08-DEC-09 - 08-DEC-09.
- Armand, T., Tobin, B., Gardiner, P., **Olajuyigbe, S.**, Ray, D., Black, K. and Nieuwenhuis, M. (2008). Effects of thinning on stand dynamics: A dendro-ecological perspective. [Poster Presentation (Refereed)], *European Forest-Based Sector: Bio-Responses to Address New Climate and Energy Challenges International Conference*, Nancy, France, 6-NOV-08 – 8-NOV-08.
- **Olajuyigbe, S.**, Gardiner P., Tobin, B. and Nieuwenhuis M. (2008). Stump survival in commercial Sitka spruce plantations in Ireland. [Poster Presentation (Refereed)], *COST E38 Workshop: Woody Roots and Ecosystem Services*, Lisbon, Portugal, 16-MAY-08 - 19-MAY-08.
- **Olajuyigbe, S.**, Gardiner, P., Tobin, B. and Nieuwenhuis M. (2008). Stump survival in commercial Sitka spruce plantations in Ireland. [Poster Presentation (Refereed)], *9th Student Conference on Conservation Science (SCCS), University of Cambridge*, Cambridge, United Kingdom, 25-MAR-08 – 27-MAR-08.
- Ogunsanwo, O.Y., Adegeye, A. O. and **Olajuyigbe, S. O.** (2008). Effects of heartwood extract (HWE) of Teak and Cuprinol Clear on weight loss and compressive strength of two hardwood species from Nigeria. [Refereed Abstracts], *3rd International Conference on Environmentally- Compatible Forest Products*, Universidade Fernando Pessoa, Porto, Portugal, 10-SEP-08 -12-SEP-08.
- Okechalu, A. A., Adewoye, A. R., Tanko, J. S. and **Olajuyigbe, S. O.** (2006). Fructification of *Pleurotus ostreatus* on three different wood shavings. [Refereed Abstracts], *19th Annual Conference of the Biotechnology Society of Nigeria: Biotechnology for Service and National Self-reliance*, Jos, Plateau, Nigeria, 15-NOV-06 -18-NOV-06.

Scientific and technical reports

- **Olajuyigbe, S.O.** (2010). Estimating fine root dynamics in forest ecosystems. Short-term Scientific Mission to University of Helsinki, Helsinki Finland, COST Action FP0803 Scientific Report.
- **Olajuyigbe, S. O.** and Oseitutu, P. (2006). Impact of gap size on tree regeneration in Kibale Forest, Uganda. Tropical Biology Association (TBA) Technical Report 06/2 Uganda.

THESIS AND DISSERTATIONS

- Woody decomposition in Sitka spruce forest in Ireland (2011). Ph.D. thesis submitted to the Forestry Section, School of Agriculture and Food Science, University College Dublin, Dublin, Ireland.
- Potentials of heartwood extractive of Teak (*Tectona grandis* Linn. F) as a fungicide against wood decay (2007). M.Sc. Dissertation submitted to the Department of Forest Resources Management, University of Ibadan, Ibadan, Nigeria.
- Comparative study of the growth and nutrient values of *Pleurotus tuber-regium* (Fries) Singer. on three substrates (2004). B.Sc. Dissertation submitted to the Department of Forest Resources Management, University of Ibadan, Ibadan, Nigeria.

MEMBERSHIPS OF ASSOCIATIONS AND SOCIETIES

- Tropical Biology Association (TBA)
- Society for Conservation Biology (SCB)
- Global Online Foresters Association
- Mushroom Growers' Association of Nigeria
- University of Ibadan Alumni Association (UIAA)
- Society of Irish Foresters (SIF)
- Nigerian Environmental Study/Action Team (NEST)
- Management Committee member of the COST Action FP0803
- International Society of Root Research (ISRR)

RESEARCH INTERESTS

- Forest and Climate Change
- Bio-degradation and Bio-preservation,
- Plant Eco-physiology
- Mycology
- Plant and Ecosystem Interactions
- Biodiversity and Conservation