

Curriculum Vitae - Mr. Alfred John Omoro



Department of
Curriculum, Instruction &
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Alfred John Omoro

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COUNTY Vihiga

Objective

To become a champion of change through capacity building on the skills, competencies and knowledge needed to scale-up activities in agriculture and food security through training in leadership, change management and strategic planning. Also to carry out research, plan and teach in Agricultural Education and Extension focusing on Sustainable Agricultural and Rural Development (SARD) and Agricultural Innovation. To advance Knowledge Creation, Management and Dissemination in Agricultural Education and Extension through research, teaching, and consultancy with special focus on participatory and consultative approaches aiming at achieving goals of reduced hunger and poverty by building capacity as a champion to develop, lead and manage the structures needed for agriculture transformation.

FIELD OF SPECIALIZATION

Agricultural Education-Planning and Teaching in Agricultural Education & Extension; Curriculum Development in Agricultural Education & Extension; Sustainable Agricultural & Rural Development (SARD) and Agricultural Innovation.

KEY RESEARCH PROJECT(S)

1. PhD Programme Research (**Ongoing**): Effect of Project Based Learning (PBL) on Students' Attainment of Social Skills and Attitude Formation in Secondary School Agriculture in Vihiga District, Kenya.
2. **Upcoming**-Consulting Services for Feasibility Study, Detailed Design and Tender Document Preparation for Sio-Sango Irrigation Development and Watershed Management Project in the Sio-Malaba-Malakisi Basin in Kenya.

RESEARCH INTERESTS

Food Security, Hunger and Poverty reduction, Agricultural Education & Extension, Sustainable Agricultural & Rural Development (SARD), Curriculum Development in Agricultural Education and Agricultural Innovation.

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Academic Qualifications	2013 - Date	Pursuing PhD (Agricultural Education) at Egerton University, Njoro-Kenya. (ongoing) PhD Research Title: Effect of Project Based Learning on Students' Attainment of Social Skills and Attitude Formation in Secondary School Agriculture in Vihiga District, Kenya"
	1999 - 2005	MSc (Agricultural Education), Egerton University, Njoro – Kenya. Master of Science Thesis: “ <i>The Relationship between Instructional Procedures and Student’s Performance in Secondary School Agriculture in Nakuru District, Kenya</i> ”.
	1994 - 1996	BSc (Second Class Honors-Upper Division), Agricultural Education and Extension, Egerton University, Njoro – Kenya. Cumulative Average 66.85%.
	1987-1990	Dip. (Credit), Agricultural Education and Extension- Egerton University, Njoro – Kenya. GPA- 3.29 out of 4.00
	1984 - 1985	Kenya Advanced Certificate of Education (KACE) - 1 principal, 3 subsidiary passes, St. Mary’s School, Yala, Siaya District – Kenya.
	1980 - 1983	Kenya Certificate of Education (KCE) -17 Points, Malava Boys’ High School, Kakamega District-Kenya.
	1973-1979	Certificate of Primary Education (CPE) -34 out of 36 Points, Emmatsi Primary School, Kakamega District - Kenya.
Professional Experience	2012 –Date	Lecturer in Agricultural Education, Department of Curriculum, Instruction and Educational Technology, Pwani University- Kenya. Units taught: <ul style="list-style-type: none"> ▪ Fundamentals of Agricultural Education and Extension ▪ Planning and Teaching in Agricultural Education ▪ Management of Resources and Facilities for teaching agriculture ▪ Research Methods in Agricultural Education ▪ Management of Agricultural Organizations ▪ Dry land Agriculture ▪ History and Development of East African Agriculture ▪ Weed Science ▪ Farming Systems ▪ Gender and Agricultural Development ▪ Programme Planning, Implementation, Monitoring & Evaluation (PPIM&E) ▪ Subject Methods (Agriculture) ▪ Extension Education ▪ Principles of Crop Production ▪ Rural Sociology ▪ Extension Education and Rural Development ▪ Agricultural Education Seminars and Field Vis its ▪ Technical Writing and Reporting ▪ Field Attachment/Teaching Practice ▪ Curriculum Development

RESPONSIBILITIES

- Teaching Agricultural Education courses/Units in the Department.
- Teaching Technical Agriculture units to support Departments.
- Programme Coordinator-BSc and Diploma in Agricultural Education & Extension -School of Education, Pwani University.
- Programme Coordinator, Field Attachment -School of Education, Pwani University.
- Curriculum Development for Master of Science in Agricultural Education (MSc. AGED)
- Curriculum Development for Bachelor of Science in Agricultural Education & Extension (BSc. AGED)
- Curriculum Development for Diploma in Agricultural Education & Extension (Dip. AGED)
- Carrying out Research in Agricultural Education, Irrigated Agriculture, Sustainable Agricultural & Rural Development (SARD) and Agricultural Innovation.
- Consultancy Services in Agriculture, Extension and Rural Development
- Supervising Students Projects.
- Supervising/Assessing Students on Field Attachment & Teaching Practice.
- Carrying out any other relevant duties assigned by University.

2005-Date	Part time Lecturer, Department of Educational Communication and Technology, Kenyatta University. Unit taught: ECT 330: Subject Methods (Agriculture).
May, 2009 – 2012	Senior Lecturer, Department of Agricultural and Mechanical Engineering, Rift Valley Institute of Science & Technology (RVIST), Nakuru District-Kenya. Teaching General Agriculture and Extension Education to Diploma students.
1996-2009	Senior Graduate teacher (Agriculture/Biology) at Kilimo High School, Egerton University, Nakuru District-Kenya.
1990 –1994	Agriculture / Biology teacher at Nyansabakwa High School, Nyamira District Kenya.

COMPETENCIES & SKILLS

- Proposal writing
- Effective communication skills/Knowledge sharing
- Use of web tools for research & publishing
- Application of technical agriculture knowledge skills
- Achieving results and problem solving
- Gender Analysis tools
- Immediate reporting skills
- Data Analysis skills using SPSS
- Monitoring & Evaluation(M& E)
- Technical Writing and Reporting

Publications

SELECTED TECHNICAL PUBLICATIONS

Omoro, J.A, Udoto, M.O, Kibett, J.K, Ochola, W.O (2013). Defining and Measuring Technical Thinking: Students' Technical Abilities in Kenyan Institutes of Science and Technology. Accepted for publication in Journal of Agricultural Science and Technology (**In press**; Manuscript No. JAST-E13082202).

Omoro, J.A, Udoto, M.O, Kibett, J.K, Ochola, W.O (2012). Using Research Methods to Evaluate an Extension Programme. Proceedings of the 7th Egerton University's international Conference: Research and Expo.

Omoro, J.A, Udoto, M.O, Kibett, J.K, Ochola, W.O (2011). Students' Rationale for Selection of Agriculture subject in Nakuru District Secondary schools by gender and type of area raised in. Proceedings of the 6th Egerton University's International Conference: Research and Expo. pp 401-413.

Omoro, J.A, Udoto, M.O, Kibett, J.K, Ochola, W.O (2011). Perceptions of Kericho District Secondary School Agriculture and Science Teachers regarding Barriers, Support and Collaboration to Integration of Science and Agriculture. Proceedings of the 6th Egerton University's International Conference: Research and Expo. pp 309-318.

Omoro, J.A, Udoto, M.O, Kibett, J.K, Ochola, W.O (2010). Effects of Teaching Methods on Student Achievement, Attitude and Retention in Secondary School Agriculture in Nakuru District of Kenya. *International Journal of Research in Education* 2(9), 105-111.

Omoro, J.A, Udoto, M.O, Kibett, J.K, Ochola, W.O (2010). Attitudes of Nakuru District Secondary School Agriculture and Biology Students towards Information Technology. *Journal of Research in Education* 2(9), 64-71.

Omoro, J.A, Udoto, M.O, Mungai, P.C (2009). The Relationship between Instructional Procedures and Student's Performance in Secondary School Agriculture in Nakuru District, Kenya. Proceedings of the 4th Egerton University's Annual Research Week and International Conference. pp 274-281.

CONFERENCES/SEMINARS/WORKSHOPS

24th Nov.-5th Dec, 2014 Conducted basic and advanced training to Cassava Production Promoters (CPPs), Field Extension Officers (FEOs) and CAST staff on Semi-arid land farming, green grams, cowpeas and cassava production in Ganze Sub-County, Kilifi County, Kenya

6th-7th, Nov, 2014 National Stakeholders Workshop on Child Care and Protection Service Providers Curriculum Development at Resource Centre, Pwani University, Kilifi-Kenya.

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- 14th - 15th, May 2013** Workshop on Preparation of Course Outlines to standards recommended by the Commission for University Education (CUE), School of Education Pwani University, (2013).
- 27th-28th, March, 2013** Strengthening HIV/AIDS Mainstreaming into University Curriculum Workshop at North Coast Beach Hotel, Kikambala, Kilifi. (2013).
- 26th -28th, Sept, 2012** Research and Development for advancement of Humanity: 7th Egerton University's International Conference: Research and Expo. ARC Hotel, Egerton University, Njoro-Kenya. Presented a technical paper.
- 21st-23rd, Sept 2011** Transformative Research for Sustainable Development: 6th Egerton University's International Conference: Research and Expo. ARC Hotel, Egerton University, Njoro-Kenya. Presented three technical papers.
- 10th - 28th Oct, 2011** Research Methodology Training (RMT) for PhD and Masters Students by OSSREA/Egerton University at Egerton University- Kenya. (2011).
- 22nd -24th, Sept 2010** Transformative Research for Sustainable Development: 5th Egerton University's Annual Research Week and International Conference: ARC Hotel, Egerton University, Njoro-Kenya. Presented two technical papers.
- 15th -17th, Sept 2009** Towards the Realisation of Sustainable Growth and Development: 4th Egerton University's Annual Research Week and International Conference: ARC Hotel, Egerton University, Njoro-Kenya. Presented a technical paper
- 30th Aug-1st Sept, 2009** National Stakeholders Consultative Workshop for Developing a Regional PhD Programme in Agricultural and Rural Innovation Studies (ARIS) at ARC Hotel, Egerton University, Njoro (2009).
- 24th-27th May 2006** Agroforestry Material Writers Workshop at Agriculture Resources Centre (ARC) Hotel, Egerton University, (2006).
- 30th April-13th May, 2006** In-service training for Secondary Mathematics and Science teacher's seminar at the Centre for Mathematics, Science and Technology Education in Africa (CEMASTEK-Karen, Nairobi).(2006)
- 24th -26th Nov, 2005** Policy Workshop of linking the Integration of Integrated Natural Resource Management (INRM) and Agro forestry (AF) practices into Primary, Secondary and Tertiary Institutions Curriculum at Stem Hotel, Nakuru-Kenya.(2005). Presented a technical paper.

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- 24th April-7th May, 2005** In-service training for Secondary Mathematics and Science teacher's seminar at the Centre for Mathematics, Science and Technology Education in Africa (CEMASTEK-Karen, Nairobi).(2005)
- 5th – 16th April, 2004** In-service training for Secondary Mathematics and Science teacher's seminar at the Kenya Science Teachers College (KSTC).

ADDITIONAL PROFESSIONAL ACTIVITIES

- 24th Nov.-5th Dec,2014** Developed a Curriculum for basic and advanced training on semi-arid land farming, cassava, green grams and cowpeas production for Cassava Production Promoters (CPPs),Field Extension Officers(FEOs) and CAST staff, Kilifi County-Kenya
- 7th May, 2003** Facilitator , field day for Secondary School Agriculture students on Farm Machinery organised by Young Farmers Clubs (YFC)-Central Rift Branch (CRB) held at Egerton University, Njoro, Department of Agricultural Engineering.(2003)
- 23rd Aug – 3rd Sept, 2004** SMASSE facilitator/trainer, at District INSET (Nakuru/Narok Districts) at St. Mary's Girls High School, Narok, training Mathematics and Science teachers of Narok District on good practices of teaching Mathematics and Sciences.(2004)
- 21st Aug – 2nd Sept, 2005** Facilitator at District SMASSE Workshop during In Service Education and Training (INSET) at Njoro Boy High School to train Mathematics and Science teachers of Nakuru District on appropriate practices of teaching Mathematics and Sciences.(2005)
- 20th Aug – 2nd Sept, 2006** Facilitator at District SMASSE Workshop during In Service Education and Training (INSET) at Njoro Boy High School to train Mathematics and Science teachers of Nakuru District on appropriate practices of teaching Mathematics and Sciences.(2006)

AWARDS

Date/Year	Title of Certificate	Institution Awarding
20 th Jan,2014	Stakeholders conference on Curriculum Review	Pwani University
3 rd -5 th Sept.2013	First International Interdisciplinary Conference	University of Eldoret/ Anambra State University
27 th -28 th Mar.2013	HIV/AIDS Mainstreaming and Integration into the University Curriculum	Pwani University
10 th -28 th Oct.2011	Research Methodology Training(RMT) for PhD candidates	Organization for Social Science Research in Eastern and Southern Africa (OSSREA)
5 th July,2008	Young Farmers Clubs of Kenya National Rally	Agricultural Society of Kenya(ASK)
20 th June,2007	Career Teachers Workshop	Kabarak University/Edu-Worldwide consultants.
3 rd -16 th	In-Service Training for Secondary	Centre for Mathematics, Science

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June,2007	Mathematics and Science Teachers	and Technology Education in Africa (CEMASTEА)/Ministry of Higher Education
24 th -27 th May,2006	Agroforestry Training Material Writers' Workshop for School and College Professionals	Egerton University Research & Extension Division
30 th April-13 th May,2006	In-Service Training for Secondary Mathematics and Science Teachers	Centre for Mathematics, Science and Technology Education in Africa (CEMASTEА)/Ministry of Higher Education
23 rd -26 th Nov.2005	Workshop on Integrating Agroforestry and Natural Resource Management (NRM) into school and college curricula	Egerton University Research & Extension Division.
24 th April-7 th May,2005	In-Service Training for Secondary Mathematics and Science Teachers	Centre for Mathematics, Science and Technology Education in Africa (CEMASTEА)/Ministry of Higher Education
5 th -16 th April,2004	In-Service Training for Secondary Mathematics and Science Teachers	Centre for Mathematics, Science and Technology Education in Africa (CEMASTEА)/Ministry of Higher Education
17 th May,2003	YFCK Field Day on Farm Machinery	Department of Agricultural Engineering(Egerton University)/Agricultural Society of Kenya(ASK)
16 th March,2002	Judging Agriculture talks at Nakuru District Students' Congress on Science and Technology	Ministry of Education
19 th May,2001	YFCK Annual Tree Planting	Agricultural Society of Kenya(ASK)
6 th July,2000	Judging Horticultural produce at Nakuru National Agricultural Show	Agricultural Society of Kenya(ASK)
27 th -29 th May,1991	Save our Soils (Soil and Water Conservation)	Ministry of Agriculture

Languages

Excellent written and spoken English, Swahili and Luhya.

Hobbies

Football, Athletics ,Reading, Listening to music and watching documentaries and movies, Nature conservation.

MEMBERSHIPS

- Committee on Funding for Teaching Practice/Field Attachment/Internship for both Joint Admissions Board (JAB) and Self Sponsored Students (SSP) students-Pwani University.
- School of Education Representative to Scholarships and Bursary Committee - Pwani University.
- Departmental Research, Seminars and Workshops-Curriculum, Instruction & Educational Technology Department- Pwani University.

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- Departmental Curriculum Development Committee - Curriculum, Instruction & Educational Technology Department-Pwani University.
- Agricultural Society of Kenya (ASK)
- Young Farmers Clubs of Kenya (YFCK)
- Kenya Agricultural Teachers Association (KATA)

REFEREES

NAME	TITLE/OCCUPATION
1. Prof. Aggrey M. Sindabi	Professor, Department of Psychology, Counseling and Educational Foundations, Egerton University, P.O. Box 536-20115, Egerton. Tel: +254 722749586.
2. Prof. Helen O. Mondoh	Professor, Director, Quality Assurance, Pwani University, P.O. Box 195-80108, Kilifi Tel: +254 722756036
3. Dr. Maurice O. Udoto	Senior Lecturer/Chairman, Department of Agricultural Education and Extension, Egerton University, P.O.Box 536-20115, Egerton. Tel: +254 722799468 Email: mudoto@yahoo.com
4. Dr. Sophia M. Ndethiu	Lecturer/ Chairperson, Department of Educational Communication and Technology, Kenyatta University, P.O. Box 43844- 00100, Nairobi. Tel: +254 721419857. Email: ndethiu.sophia@ku.ac.ke