

CURRICULUM VITAE

For

Dr Peter A. M. Mwaura

(Updated Dec 2013)

1 CONTACT ADDRESS

1.1 HOME ADDRESS

Dr Peter A. M. Mwaura
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1.2 TELEPHONES AND EMAIL

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2 SKILLS AND COMPETENCIES

2.1 RESEARCH AND ADVANCED DATA ANALYSIS

- Research Design of experimental and non-experimental quantitative (longitudinal and crossection) and qualitative studies
- multivariate data analysis for quantitative studies Using SPSS and Exell
- Multi level Data Analysis using MLWin and Mplus
- Structural Equations Modeling using AMOS
- Analysis of qualitative data
- Report writing and dissemination

2.2 COMPUTER SOFTWARES FOR DATA ANALYSIS, REPORT WRITING AND DISSEMINATION

- **SPSS** (currently Version 16) in univariate and multivariate data analysis
- **MLwiN**, for multilevel analysis of nested data
- **AMOS** for structural equations modeling

- **Access** for data storage and exportation
- **Excel** for simple descriptive analysis of data
- **MS Word** for Report Writing
- **Adobe InDesign CS** for report design
- **Ms Powerpoint** for presentation

2.3 PROJECT MANAGEMENT

- Strategic planning and implementation
- Project Management
- Project Monitoring and evaluation

2.4 FACILITATION AND TRAINING SKILLS

- Workshop organization and management
- Facilitation of workshop and conferences
- Presentation

2.5 MONITORING AND EVALUATION

- Design and implementation
- Data Analysis
- Report writing

3 EDUCATIONAL BACKGROUND

International Institute for Educational Planning (IIEP)	2010	Certificate	International certificate of Advanced Studies in Education Sector Planning
Kenyatta University	2009	Phd	Educational Psychology

Essex University (UK)	2003/2005	Certificate	Advanced Social and Educational Data Analysis.
Oxford University(UK)	2000-2009	Visiting student	Advanced Data Analysis
Kenyatta University	1989	MA	Educational Psychology
University of Nairobi (Kenyatta University college) 1985		BED	Education
Stahere Boys' Centre 1989		A level cert.	Economics, mathematics, Geography
Aquinas High school		O level cert.	

4 OTHER EDUCATIONAL TRAINING COURSES UNDERTAKEN

2010	Institutional Integrity Programme Workshop
2011	Environmental Compliance and Environmentally Sound Design and Management in Project Implementation
2007	Presbyterian Church of East Africa lay training Centre Eldership Training course
1996:	Health through the school. Sponsored by The British Council East Africa
1993;	Children as Partners in Education and Health. Sponsored by Child To Child Trust London in conjunction with the Basic Education Resource Centre, Kenyatta University, Nairobi. This covered the use of child to Child approached in Education and Health
1992	Advances in Educational Research and Micro-Computer use: SPSS theory and Practice. Sponsored by International Development Research Centre (IDRC)

1985: **Youth: Information and Education** *Towards Responsible Adulthood*. Sponsored by the Protestant Churches Medical Association in Conjunction with the National Council for Population and Development

5 EMPLOYMENT HISTORY

Currently; Senior Lecturer: Department of Educational Psychology, Kenyatta University

2010-2013: Consultant and principal researcher. CART international

May-Dec. 2013 Mount Kenya University, Department of Early Childhood Studies

2010 (Nov)- Monitoring, Evaluation and Research Specialist
FHI360 Teacher Education and Professional Development (TEPD):
Nairobi

2009- PT Lecturer: Research and Statistical methods
Department of Extra Mural Studies,
College of Education and External Studies,
University of Nairobi

2010- Principal Researcher and Consultant
CART international

1998(April) -2007 Lead Researcher and Trainer
Education Regional Research Programme (ERRP),
Aga Khan Foundation (AKF), East Africa

1998(April) -2007 Lead Researcher and Trainer
Madrasa Regional Research Programme (MRRP),
Aga Khan Foundation (AKF) East Africa.

2002-2004 Mentor and Tutor of the young professional Development (YDP)
project management course at Aga Khan Foundation.

1990-1998 Lecturer in Educational Statistics, Test and measurement, and child
Development
Department of Educational Psychology
Kenyatta University Nairobi

1989-1994 PT Lecturer in statistics, Test and Measurement
Department of Educational Psychology
University of Nairobi

1994-1998	PT Lecturer Statistical Methods Kenya Medical Training College; Nairobi
1994-1998	PT Lecturer Statistical Methods and Attitude formation and change Africa Medical and Research Foundation (AMREF): Nairobi
1994-1995	Teacher in Economics and business Education Karuri High School Kiambu
1998-1999	Teacher in Economics and Business Education Ngenia High School: Limuru

6 PROFESSIONAL ACTIVITIES

6.1 EDUCATIONAL PANELS

Panel member in the research unit of the national centre for early childhood education (NACECE)

6.2 EDITORIAL ROLES

- **Member of the Editorial Board member** of the Kenya Alliance for the Advancement of Children's Rights (KAACR) "child" magazine
- **Member of the Editorial Board member** for the basic education research centre journal, Kenyatta University
- **Reviewed papers for the** Child Development Perspective journal
- **Reviewed papers for the** East African Journal of Educational research Volume 1. Issue No 1 August 2011
- Editing of a book "the educational Research Process: A practitioners perspective" (2009)

6.3 AFFILIATION

- **Member** in the organization for social sciences research in eastern Africa (ossrea)
- **Member of Kenya Institute of management**

7 PROJECT INITIATIVES

- **Founder member** of the Kenya Alliance for the Advancement of Children Rights (KAACR)
- **Founder member** of the Presbyterian family (PREFAM) self help group
- **Founder member** of PALDAG self development group
- **Associate member** of the PCEA central region education committee
- **Founder member** of the fortune cooperative (FORCOP) group

8 AWARD

UN HABITAT MILGAP 2006 award on the MADRASA RESOURCE CENTRE EARLY CHILDHOOD DEVELOPMENT PROGRAMME

WORK PERFORMANCE: FHI360

9 DISSERTATION SUPERVISION

9.1 ASSOCIATE SUPERVISOR: PHD LEVEL

Catherine Kamindo: Instructional Supervision in an era of change policy and practice in primary education in Kenya University of Durham. UK

9.2 FORMAL SUPERVISOR: MASTERS LEVEL:

Nick Kuru Onduru: The influence of reactive maintainance at retail outlets on sales volume: A case of Total Kenya Limited< Reg. # L50/60553/2010. For the fulfillment of award of Masters of Arts Degree in Project and Management of the University of Nairobi.

9.3 SUPERVISION IN PROGRESS: MASTERS LEVEL

Francis Kahumbi: Factors influencing the adoption of solar energy in Malindi. Reg. # L50/63890/2010. For the fulfillment of award of Masters of Arts Degree in Project and Management of the University of Nairobi.

9.4 ASSOCIATE SUPERVISOR: MASTER LEVEL

Charles Munyori: The influence of CDF on primary school performance in KCPE in Starehe constituency
Reg. # L50/63887/2011.
For the fulfillment of award of Masters of Arts Degree in Project and Management of the University of Nairobi.

Thomas Kinanga Gechiko: Behaviour Change Programs and Student's Sexual behavior: A case of Teacher Training Colleges in Rift Valley Zone.

Reg. # 12/KUGS/MGL/135AP/INS/K.

For the fulfillment of an award for Masters of Education Degree in Guidance and Counselling of Kampala University.

Rev. Haroun Ngere: The effectiveness of the Church Strategies to prepare clergy for retirement: A case study of PCEA. Day Star University, School of Business and Economic strategic planning and management

9.5 PTTC COLLEGE LEVEL PROJECT SUPERVISION

Garissa PTTC:	Determining the role of teaching and learning resources in enhancing child centered learning strategies in selected TP schools in Garissa Municipality and Tana River North District
Meru PTTC;	Students' preparedness in making appropriate teaching and learning resources and its effects on performance in teaching practice. A case study of Meru Teachers' College
Asumbi PTTC:	Factors Affecting Effective Ict Integration In Curriculum Implementation- A Case Study Of Asumbi Teachers College.
Tambach PTTC:	Constraints to the integration of ICT in the teaching-learning process: a case of Tambach Teachers Training College, Elgeyo-Marakwet County- Kenya
Mosoriot PTTC:	Effect of micro-teaching on students' performance during teaching practice, in Mosoriot Teachers' college
Migori PTTC:	The impact of digital content on the learning of abstract concepts in mathematics at migori t.t.c
Narok PTTC:	Enhancing tutors' ICT competency in classroom instruction in Narok Primary Teachers' Training college
Shanzu PTTC:	The extent to which learner centered approaches to teaching is prevalent in mombasa county institutions: a base line survey of teaching methods in use at Shanzu Teachers' college and surrounding schools
Moi Baringo PTTC:	The challenges facing the integration of information communication and technology in teacher education a case of Moi - Baringo Teachers' Training College, Kenya
St. John's Kilimambogo PTTC:	The impact of team-teaching in teaching and learning in St. John's Kilimambogo Teachers' Training College

Machakos PTTC:	The influence of collaborative learning strategy on students academic performance: A case of Machakos Teachers Training college
Egoji PTTC:	An investigation into the role of mentorship in teacher training colleges in Kenya. A case of Egoji teachers college, Meru county –Kenya
Bondo PTTC:	Challenges faced by student teachers in preparation of effective teaching and learning resources during of effective teaching and learning resources during teaching practice at Bondo Teachers’ Training College
Kitui PTTC:	Teaching/Learning Resources: The critical element to improved teaching/learning process
Eregi PTTC	The prevalence of peer teaching and project methods in Eregi teachers’ training college, Kakamega South District, Kenya.
Kaimosi PTTC:	Trainee Teachers’ attitudes on preparation and use of Teaching & learning resources.
Muranga PTTC:	Preparation and effective use of teaching and learning resources to enhance student academic and professional performance. A case of Murang’a Teachers Training College

10 UNIVERSITY SERVICE

1990-1998

Chairman of the departmental Seminars, conferences, workshops and thesis defence:
Department of Educational Psychology: In collaboration of the Departmental Chairperson organized 4 National level seminars

May-Dec 2013

Deputy Director, Research and Development, in the school of education, Mount Kenya University

11 PUBLICATIONS

11.1 RESEARCH PAPERS IN REFEREED JOURNALS

- EVALUATING THE MADRASA PRESCHOOL PROGRAMME IN EAST AFRICA: A QUASI-EXPERIMENTAL STUDY. International Journal of Early Years Education, vol. 16. No 3, Oct. 2008 pg 237-255

- Does preschool Experience Make a difference in the cognitive development of children in East Africa? A value-added approach to analysis. The East African Journal of Educational research Volume 1. Issue No 1 August 2011
- Bridging Culture, Research and practice in Early Childhood Development: The Madrasa Resource Centers Model in East Africa. Published by **Society for Research in Child Development**
- ADAPTING THE NATIONAL PRIMARY SCHOOL CURRICULUM TO THE LOCAL ENVIRONMENT. The *Basic Education Forum Vol. 3* 1993

11.2 EDITED VOLUME

- MADRASA ECD PROGRAMME: MAKING A DIFFERENCE. BY PETER MWAURA AND BISHARA T. MOHAMMED published as chapter 20 of Garcia, Pence and Evans (ed) book *Africa's Future, Africa Challenge: Early childhood Care and Development in subsahara Africa* World Bank ISBN 9780821368862
- A CASE STUDY OF UNDUGU SOCIETY OF KENYA STREET CHILD PROGRAMME. *Funded by UNICEF*
- FROM OBJECT OUTSIDER TO OBJECTIVE INSIDER: AN EXPERIENTIAL CASE OF GIVE AND TAKE. *Published in the Early Childhood Matters, number 99, Oct. 2001*
- SECULAR PRESCHOOLS IN MOMBASA MADRASAS. *Published as chapter 5 in Zimmermann (ed) 2004, Stories we have lived , stories we have learned about ECD Programmes. Benard Van Leer Foundation.*
- PRINCIPLES OF EARLY CHILDHOOD PROGRAMME EFFECTIVENESS: A CASE OF MADRASA RESOURCE CENTRE PROGRAMME IN EAST AFRICA. *Published by SEWA India in their report for the Effectiveness Initiative Workshop held in Ahmedabad India between 18th and 20th 2002*
- AN INSIGHT INTO THE FACTORS INFLUENCING THE INTELLECTUAL DEVELOPMENT OF CHILDREN. *Published in the Early Childhood Education and Care news. April 1992*
- IMPACT STUDY OF MADRASA RESOURCE CENTRE. *Published in Kay Sayce (2006). Perception and practice: An anthology of impact assessment experiences. Wageningen, Netherlands: technical Centre for Agricultural and Rural Cooperation*
- THE MADRASA RESOURCE CENTRE EARLY CHILDHOOD DEVELOPMENT PROGRAMME: MAKING A DIFFERENCE. *published in the Ismaili Africa: The evolution of a vision, March 2006*
- STARTING THEM YOUNG: EFFECTS OF PRESCHOOL ATTENDANCE ON CHILDREN'S COGNITIVE DEVELOPMENT IN EAST AFRICA. *Published in AKDN (2007) School improvement and early childhood development in East Africa*

- JUST THE RIGHT ATMOSPHERE: EFFECTS OF TEACHING AND LEARNING ENVIRONMENT ON THE COGNITIVE AND ACADEMIC COMPETENCE OF MADRASA RESOURCE CENTRE PRESCHOOL CHILDREN. *Published in AKDN (2007) School improvement and early childhood development in East Africa*

12 PAPERS CURRENTLY UNDER REVIEW FOR SUBMISSION

- COGNITIVE GROWTH AMONG EAST-AFRICAN PRE-SCHOOL CHILDREN: EFFECTS OF THE MADRASA RESOURCE CENTRE (MRC) INTERVENTION PROGRAMME
- THE EFFECTS OF EAST AFRICA MADRASA PRESCHOOL PROGRAMME ON THE SOCIAL DEVELOPMENT OF PRESCHOOL CHILDREN
- THE EFFECTS OF THE MADRASA RESOURCE CENTRE EARLY CHILDHOOD DEVELOPMENT PROGRAMME IN EAST AFRICA ON CHILDREN'S VERBAL, NON-VERBAL AND NUMERIC ABILITIES.
- THE ROLE OF PRESCHOOL INTERVENTIONS ON LITERACY ACHIEVEMENT IN LOWER PRIMARY
- A STUDY OF CHILDREN'S SOCIAL COMPETENCE AT SCHOOL AS A FUNCTION OF PRESCHOOL ATTENDANCE IN EAST AFRICA
- THE QUALITY OF PEDAGOGICAL ECOLOGY AT MADRASA RESOURCE CENTRE PROGRAMME PRESCHOOLS
- COGNITIVE DEVELOPMENT AMONG EAST AFRICA PRESCHOOL CHILDREN: EFFECTS OF THE MADRASA RESOURCE CENTRE (MRC) INTERVENTION PROGRAMME.

12.1 SELECTED TECHNICAL REPORTS

- ICT accessibility, application and perceived utility among students, learners and principals of schools in coast, north eastern and central regions of kenya. 2011
- Zanzibar Teacher Upgrading by Radio [ZTUR] Building Capacity for Pre-School Teaching: A Status Assessment and Recommendations for Teacher Training Programming written by: Bruce K. Downie (Consultant Whitehorse, Canada) and Peter Mwaura Researcher Aga Khan Foundation Nairobi, Kenya.
- The voice from the Teacher Training colleges on experiences and observed impact of TEPD activities: TEPD Evaluation report 2012
- Kenya Community Development Foundation (KCDF) Early Childhood Development programme External Evaluation Report of ECD phase 2 programme implemented with partners in Malindi, Kilifi, Garissa and Mwingi Districts in Kenya. June 2008

12.2 SELECTED PRESENTATIONS

- ENSURING ACCESS TO QUALITY BASIC SERVICES. *Paper presented In the 3rd African International Early Childhood Development (ECD) Conference Held in Accra Ghana, May 30th-June 3, 2005 to be Published as part of the conference proceedings.*

- A community based initiative for quality Early Childhood Development services: The Madrasa Resource Centre, East Africa. *A paper presented during the 4th African International Conference Held at Le Meridian in Dakar Senegal 10-13th Nov. 2009*
- ISSUES IN DATA ANALYSIS FOR CURRICULUM DEVELOPERS: Discussion on data analysis during KIE staff capacity building workshop on research skills, Held at KIE on 17th and 24th May 2007.
- INTEGRATED SCHOOL HEALTH PROGRAMME AS AN AVENUE OF HEALTH AND NUTRITION PROMOTION. *Presented during a Parasite Control Programme Workshop held at Addington Hospital Durban South Africa between 4th and 10th September 1997*
- INTEGRATING PARENTS IN ECD PROGRAMMES: A CASE OF MADRASA RESOURCE CENTRE. *Presented during the SACHES conference in the University of Dar Es Salaam 2005*
- CHILD-SCHOOL READINESS AND TRANSITION ISSUES IN KENYA: A DEVELOPMENTAL PERSPECTIVE. *Presented at the National Consultative Forum on School Readiness Standards and Transition issues held at the National Centre For Early Childhood (NACECE) Kenya between 20th and 22nd April 2005*
- RESEARCH DESIGNS AND ANALYSIS FOR CAUSALITY: Paper presented at Applied Child Development Research in Africa (ACDRA) inaugural workshop, Nairobi On 16th February 2004
- DESIGNING AN EFFECTIVE PARTNERSHIP IN EARLY CHILDHOOD DEVELOPMENT SERVICE DELIVERY: REFLECTION ON MRCU-BEPS PROJECT MID TERM EVALUATION
- DETERMINANTS OF EARLY CHILDHOOD DEVELOPMENT PROGRAMME EFFECTIVENESS: THE CASE OF MADRASA RESOURCE CENTRE. *This paper was prepared in the Aga Khan Development Network (AKDN) conference held between 4th and 6th April 2005 in White Sands Hotel Mombasa*
- THE ROLE AND RESPONSIBILITIES OF ECD STAKEHOLDERS. *Presented in the policy forum held in Zanzibar 15th and 16th March 2006*
- ASSESSING THE IMPACT OF EARLY CHILDHOOD PROGRAMME. *Paper presented at the Aga Khan University Karachi Pakistani*
- CONVENTIONAL AND TRADITIONAL METHODS OF ASSESSING CHILD READINESS FOR SCHOOL. *Paper presented in Washington DC in 1995*
- THE ROLE OF RESEARCH IN EARLY CHILDHOOD DEVELOPMENT. *Paper presented in the first world conference on ECD held in Uganda in 2001*

13 COMPETITIVELY FUNDED PROJECTS

- THE IMPACT OF MRC PROGRAMME IN THE COGNITIVE AND PSYCHOSOCIAL DEVELOPMENT OF THE REGIONAL MADRASA RESOURCE CENTRE EARLY CHILDHOOD PROGRAMME CHILDREN. *Funded by Aga Khan Foundation*
- A STUDY OF EARLY CHILDHOOD DEVELOPMENT PROGRAMME EFFECTIVENESS: A CASE OF MADRASA RESOURCE CENTRE PROGRAMME *Funded by Benard Van Leer Foundation*

- A BASELINE STUDY OF INSTITUTIONAL READINESS FOR CHILDREN'S TRANSITION FROM PRESCHOOL TO PRIMARY SCHOOL IN UGANDA. *Funded by the Basic Education Policy Support (BEPS) Uganda*
- A STUDY OF LOWER PRIMARY SCHOOL CHILDREN LITERACY PERFORMANCE. *Funded by Research Triangle Institute (RTI), USA.*
- STAKEHOLDERS PARTICIPATION IN THE BASIC EDUCATION POLICY SURPORT (BEPS) PROJECT AND THEIR PERCEPTION OF ITS IMPACT. *Funded by the Basic Education Policy Support (BEPS) Uganda*
- A STUDY OF STAKEHOLDERS PERCEPTION OF THE MADRASA RESOURCE CENTRE UGANDA PARENT EDUCATION PROJECT EFFECTIVENESS. *A study commissioned by Madrasa Resource Centre Uganda for the Basic Education Policy Support*
- A STUDY OF TRANSITION FROM PRESCHOOL TO PRIMARY SCHOOL. *Funded by: World Bank and Ministry of Education (Kenya)*
- A STUDY OF THE MUTUAL CHILD AND SCHOOL READINESS AT THE POINT OF TRANSITION FROM PRESCHOOL TO PRIMARY SCHOOL. *Funded by High Scope and the Consultative Group of Early Child hood Education*
- A STUDY OF THE EFFECTIVE AND SAFE USE OF MEDICINE IN KENYA. ***Funded by AMREF AND GLAXO UK***
- EVALUATION STUDY OF AGA KHAN FOUNDATION SPONSORED DISTRICT CENTRES FOR EARLY CHILDHOOD EDUCATION. *Funded by the National Centre For Early Childhood Education*
- EVALUATION STUDY OF THE SAMBURU COMMUNITY-BASED EARLY CHILDHOOD EDUCATION PROJECT 1990. *Funded by the National Centre for Early Childhood Education Kenya*

14 PARTICIPATION IN COMMUNITY AND RELIGIOUS SERVICES

- 2005- Elder of Machini Presbyterian Church of East Africa
- From 1994 to 1997: the **Presbyterial secretary of Kambui Presbyterian Church of East Africa Education Committee**
- From 2007 to date: Chairman of Machini Presbyterian Church of East Africa- ruiru
- From may 2004 to may 2006: the **treasurer of the Presbyterian family (PREFAM) self help group Ruiru**
- Committee member of Kwihota water project-Ruiru
- 2012-current: board member BTL
- 2012-current Board Member, Kwihota Secondary School