

## **CURRICULUM VITAE**

(As at October, 2014)

### **Waliaro Apollo Madi**

P. O. Box 190-50100, Kakamega-Kenya

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Email: [waliaro67@gmail.com](mailto:waliaro67@gmail.com)

Born April 21, 1969, in Butere District, Kakamega County Kenya.

Married with Children

## **PERSONAL SUMMARY**

A committed lecturer with over 21 years of experience at leading Kenyan academic institutions teaching [students](#) from various social and cultural backgrounds. Possessing excellent administrative, verbal communication and written skills along with constructive and effective teaching methods that promote a stimulating learning environment. Able to work in a managerial role or as part of team and having the proven ability to successfully work to tight schedules and deadlines.

### **1.1 Degrees**

- (a) PhD – Information Technology: Masinde Muliro University of Science and Technology. Thesis title: Modeling Cloud Computing Adoption Influencing factors for Kenyan Universities: 2010 – Present (on-going)
- (b) M.Sc Computer Science 2004 – 2007 Makerere University
- (c) B.Sc (Maths/Physics/Computer) – 1990 -1993 JKUAT

### **1.2 Work Experience**

Director ICT :Agust 2014– Date - Masinde Muliro University of Science and Technology (MMUST)

Chairman of Computer Science Department : February 2013 – July 2014 - MMUST

Computer Lecturer- January 2010 to present: Masinde Muliro University of Science and Technology

Graduate Assistant - 2<sup>nd</sup> December – Jan 2010: – Western University College of Science and Tech.

### **1.3 Key Competencies And Skills**

- Mentoring
- Training
- Administrative
- IT skills
- Target setting
- Field trips
- Research
- Planning
- Quality assurance

### **1.4 Publications**

1. Current Status of E-Health in Kenya and Emerging Global Research Trends: *International Journal of Information and Communication Technology Research*; Volume 2 No. 1, January 2012 (ISSN 2223-4985)
2. Enhancing Information Security Management Systems for Improved Service Delivery in Kenyan Local Authorities. *International Journal of Information and Communication Technology Research*. Volume 5 No. 8, July 2012 (ISSN 2223-4985)
3. Critical Success Factors in Enterprise Resource Planning Systems Implementation in Kenyan Universities: *international journal of advanced computer science and Applications*, Volume 4 issue 9. September 2013 (ISSN 2156-5570)
4. Status of Information Security Management Systems and Influencing Factors in Local Authorities in Kenya. *International Journal of Advanced Computer Science*. Volume 10 no. 5 (ISSN: 2251-6379).
5. Software Engineering Cost Benefit Analysis based on the Spiral Paradigm of Bohm. *Internal Journal of Computing Technologies and Innovations*. (Master's thesis) (submitted)
6. Investigating Electronic business challenges affecting the growth and performance of Kenyan small and medium enterprises: A case of Kisumu County. (submitted)

### **1.5 Books**

1. Book Module: Computer Applications (an E-learning module for university diploma in Information Technology – SOLACE MMUST)
2. Practical Computer networking: A handbook for industrial training program ISBN: 978-9966-1727-3-0. Directorate of Public Communications and Publishing: Masinde Muliro University of Science and Technology. P.O BOX 190 -50100 KAKAMEGA. Email: dpcap@mmust.ac.ke, website: www.mmust.ac.ke

### **Seminars / Workshops Attended**

1. Waliaro M. A – Facilitator (2014). Workshop for Curriculum Development, Review & Implementation for the Faculty of Science at Masinde Muliro University of Science and

- Technology on 24<sup>th</sup> June, 2014 at MCU in Kakamega, Kenya.
2. CUE Curriculum Review and Development : Masinde Muliro University of Science of Science and Technology, *January 23 & 24*,
  3. Presented a paper on “Emerging Trends in ICT (Cloud Computing) at Mt. Kenya university Kakamega *November 2014*.
  4. Departmental Seminar. “Understanding Frameworks in Information Technology Research”. Department of Computer Science, Masinde Muliro University June-2013.
  5. E-Learning Course Production at Kenya Institute of Administration, 2010, Nairobi Kenya.
  6. Computer Managers Congress 1999 at Abardares Country Lodge by Computer Society of Kenya
  7. Computer Managers Congress 2013 by Computer Society of Kenya – Nyali Beach Hotel, Mombasa.

### **Graduate Students Theses Supervised**

1. A data mining model for small and medium enterprises: a case of Kisumu county – Dwas, S Gilbert: an M.Sc Information Technology student. March, 2013
2. Critical Success Factors in Enterprise Resource Planning Systems Implementation in Kenyan Universities. – Koech Charles Cheruiyot: an M.Sc Information Technology student. April, 2011
3. Information Security Systems Model and Influencing Factors in Local Authorities in Kenya. – Motochi Vincent: an M.Sc Information Technology student. July, 2013

### **Theses Examined**

1. “Evaluation of effectiveness of Location based Services in Kenya: A case study of Mobile Network Operators”. David Kariuki Githu - An M.Sc Information Technology student thesis. July, 2012
2. “A multi-stakeholder Framework to Evaluate the quality of university websites” Ronald Ochieng’ Ojino - David Kariuki Githu - An M.Sc Information Technology student thesis. April, 2013
3. A model for evaluating the total cost of ownership for university enterprise resource planning: a Case of Maseno University by Owoche Patrick Oduor – An M.Sc Information Technology student thesis. September, 2013
4. Factors affecting software project implementation in Public Universities in Kenya. Soita Peter - An M.Sc Information Technology student thesis: October, 2013.
5. ICT Approaches in the dissemination of Agricultural Knowledge to Small Holder Sweet Potato (*Ipomea Batatos*, L. Lam) Farmers in Siaya County, Western Kenya Kadenge Edgar

Mwondi – An M.Sc in Agricultural Information and Communication Management.

## **PREVIOUS CAREER HISTORY**

Untrained Graduate Teacher	Teachers Service Commission	1994 – 2003
	Kitale, Weco and Kisumu Poly	1994 – 2003

## **Membership to professional bodies**

Information Technology Association of Kenya – Senior Professional Member; 2008-date

## **Hobbies**

Reading

Watching Football

Playing Chess

## **References**

1. Prof. Patrick Ogao  
Associate Dean School of Computing  
Technical University of Kenya
2. Dr. Wabwoba Frankline,  
Dean School of Computing School of Informatics,  
Kibabii University College  
P. O. Box 1699-50200,  
Bungoma.
3. Prof. Were Hassan  
Dean School of Graduate  
Masinde Muliro University of Science & Technology  
P. O. Box 190-50100  
Kakamega
3. Dr. Mbugua M. Samuel  
Director ICT  
Kibabii University College

