

Curriculum Vitae – Dr. Paul Birevu Muyinda, PhD

Brief Resume

I am a dynamic mobile/electronic learning (m-learning and e-learning) professional having a PhD in Information Systems specializing in mobile and electronic learning. My PhD dissertation was titled, 'A Software Framework for Interoperating Mobile and Online Learning'. This thesis received an award as the best post graduate research project of 2010 in the Uganda Communications Commission Annual Communications Innovation Award of 2010. It also received a highly commended research award in 2009 from Emerald African Management Research Fund Award. In December 2014, I graduated with Post Graduate Diploma in Education (ICT) from the University of Cape Town in South Africa. I also hold a Masters degree in Computer Science from Shanghai University, P.R. China and a Bachelor of Statistics degree specializing in development studies from Makerere University. I am a Certified Netware Administrator (CNA).

Currently, I am a Senior Lecturer and Head of the Department of Open and Distance Learning in the School of Distance and Life Long Learning, College of Education and External Studies at Makerere University. I have extensive practical and research experience in m-learning, e-learning and open and distance education. Additionally, I have research interests in ICT for education and sustainable development (ICT4E and ICT4D).

I have implemented several information systems in the Department of Open and Distance Learning. I led the team which developed and implemented the mobile broadcast system - a system for easing collaboration and interaction amongst distance learners of Makerere University. I also initiated the Mobile Research Supervision Initiative (MRSI), an initiative in which lecturers supervise research for distance learners using low through to high end mobile phones. I have planned for the IT requirements of the Department, developed blue prints and actual information systems, supervised staff and ensured the smooth operation of the distance education provision at Makerere University. I designed and set up ICT study centres for the Department of Open and Distance Learning in 5 regional centers in Kampala, Jinja, Lira, Mbale and Fort Portal. Before Makerere University introduced the Academics Records Information System (ARIS), I developed and installed a records keeping system (DE Records Keeper) for the Department of Open and Distance Learning. This system played a crucial role in managing records of the over 6,000 distance learners at Makerere University. The DE Records Keeper has now been succeeded by the University wide ARIS.

I have been able to mobilize financial resources to propel open and distance education activities at Makerere University. Recently, among others, I won NOK 18 million for the project "Leapfrogging 1st Generation Distance Education into 4th and 5th Generation Distance Education: A Strategy for Enhancing ICT Pedagogical Integration and Increasing Access to Education in Africa (Short title: Distance Education Leapfrogging Project [DELP])". Among the activities of this project will be transforming current courses into open courseware and utilizing the abundantly available open courseware and Massive Open Online Courses (MOOCs) into the distance education provision. I am also currently undertaking an Amref Health Africa funded baseline study titled, "JIBU M-Learning for Nurses and Midwives in Kenya, Uganda and Tanzania Project (Uganda Chapter). Additionally, I have a Sida funded post doctoral research on "integrating m-learning into the distance education student support system at Makerere University". Recently, I was part of the team that implemented and R & D Project funded by Spider, Sweden on, "Propelling and ICT Led Pedagogy at Makerere University". After the project I authored a policy brief which has been adopted by Makerere University Council as an important document to rely on as we transform the terrain of ODeL at Makerere University.

I have contributed significantly to the development and implementation of Makerere University's strategic plan and the ODeL Policy. I was a core member of the team that developed the Makerere University's Educational Technology Strategy (MakETS). I was a member of the team that developed the Institute of Adult and Continuing Education's and Department of Distance Education's strategic plans. I have been a member of several committees of the Department of Open and Distance Learning, including; the Executive Committee, Finance Committee and Appointments and Promotions Committee. As Head of Department, I have acquired considerable skills in human resources management, financial resources management and policy formulation and implementation. I was for instance the leader of a team that formulated the open, distance and e-learning policy and strategy of Makerere University.

I have executed numerous local, regional and international projects and consultancies in distance education, m-learning and e-learning. I have undertaken baseline and endline evaluation consultancies for Amref Health Africa. I was a co-researcher in a project for the Inter-University Council for East Africa, titled, 'Enhancing the Capacity of East African Universities to Utilize ICT for Sustainable Regional Development'. I was also a co-researcher in the Economic Commission for Africa (ECA) Project for 'Designing, Developing and Implementing an East African Network of Research Excellence (EANRE) and Observatory (EANREO)'. Further, I was one of the lecturers who developed e-content for the MakETS piloting project funded by the Partnership for Higher Education in Africa (PHEA). I was a co-researcher in NUFFIC Project for ICT capacity building in Mozambique. I have previously conducted ICT training consultancies for National Commission for UNESCO in Nakaseke Multimedia Centre and MS Data Figure in Pallisa District Local Government.

As an academic, I have lectured on information and communication technology related courses on the different open and distance learning programmes at Makerere University. I have used both the traditional face to face and e-learning models to deliver course materials (see my publication on scaffolding traditional distance learners for constructivistic online learning). I have supervised undergraduate and postgraduate research dissertations and presented at several international and local conferences. I have attended a number of capacity building short courses in distance education, e-learning, e-content development, statistical data analysis, project planning and monitoring, communication and scholarly writing, software engineering, GIS data management, student support and tutoring, writing fundable proposals and strategic plans, etc. I have published book chapters and journal articles and edited a book on Distance Education for InTech Publishers in Croatia.

In a nutshell, I have striven to balance my professional and academic expertise. I am a competent and principled researcher, professional, manager, planner and academic of ODeL. I am self-motivated, disciplined, team player, effective public speaker, innovative thinker, performance and results oriented, trustworthy and incorruptible officer. Throughout my work life, I have demonstrated competence as a leader driven by the need to serve, respect and strengthen those I serve and human kind. I believe in building and strengthening institutions and taking on challenges that add value to humanity by causing economic development. All this is demonstrated by my academic and work experiences as is summarized here and detailed below. Kindly read my

Extended Resume

1. Personal Information

Name: Paul Birevu Muyinda
 Marital status: Married
 Nationality: Ugandan
 Date of Birth: February 20, 1969
 Place of Birth: Buyinja Health Centre, Bukooli County, Buyinja Sub-County, Bugiri District, Uganda
 Contact Address: Makerere University, Depart of Open & Distance Learning, P.O. Box 7062, Kampala,
 Tel: +256-772-406919, Fax: +256-414-543542,
 e-mail: mpbirevu@cees.mak.ac.ug, mpbirevu@yahoo.com, mpbirevu2013@gmail.com

2. Educational Record

- Post Graduate Diploma in Education (ICT), University of Cape Town, South Africa
Jan - Dec 2013
 - PhD (Information System Specialising in e-learning and m-learning), Makerere University, Uganda
2005-2010
- Thesis Title: A software framework for Interoperating Mobile and Online Learning Objects**
- MSc Computer Science & Applications, Shanghai University, P.R. China 1995 - 1998
 - Bachelor of Statistics (Upper Second), Makerere University, Uganda 1991 - 1994
 - Uganda Advanced Certificate of Education, St. Peters College, Tororo, Uganda 1989 - 1991
 - Uganda Certificate of Education (Division I), Jinja College, Jinja, Uganda 1985 - 1988
 - Primary Leaving Examination (Division I), Buswale Primary School, Bugiri, Uganda 1978 - 1984

3. Key Qualifications/Fields of Expertise

Dr. Muyinda is an acclaimed m- and e-learning specialist. He holds a PhD in information systems specialising in mobile and e-learning and Post Graduate Diploma in Education specialising in ICTs in education. He holds an MSc in Computer Science and Applications and a Bachelor of Statistics degree. He is also a Certified Network Administrator (CNA). This qualifications mix has propelled him into being a distinguished mobile and e-learning researcher and practitioner with several of his research work published in refereed journals and conferences. As a statistician, he is quite competent in undertaking policy data analysis, planning and development. He has successfully implemented and administered IT systems for Distance Learners at Makerere University, the Road Sector Development Programme Coordination Unit (RSDP-CU), Uganda National Bureau of Standards (UNBS) and Entebbe Handling Services (ENHAS). The four year PhD training has gave him expertise in information systems model/blue prints development especially for distance education. His involvement in strategic planning for the University and RSDP-CU distinguishes him as an excellent planner, manager and policy maker and implementer. He has also been instrumental in drawing and controlling annual budgets for the Department of Open and Distance Learning and the ICT Section he used to head, effectively giving him experience in financial management. His involvement in projects implementation also makes him a key person to rely on in project planning, development, management and monitoring. Dr. Muyinda has since his undergraduate studies combined professional IT work with academic training and research. He is therefore a competent IT project planner, researcher, manager, trainer and evaluator keen at achieving set key result areas in an organization he works for.

4. Regional and International Research/Consultancy Projects

Dr. Muyinda is an acclaimed mobile and e-learning specialist. His academic, research and consultancy career in the aforementioned areas is growing at an appreciable rate. He has been involved in several national, regional consultancies mainly from Amref Health Africa, Inter-University Council for East Africa, NUFFIC, Economic Commission for Africa, UNESCO, Carnegie, UNISA and Partnership for Higher Education in Africa. Selected assignments include:

- a. Member **Freire Universitat Berlin, Germany** Proposal Development Team for the project "Developing ICT based capacity building programmes for Integrated Watershed Management" to be submitted to EU Horizon 2020 for funding.
- b. Member **Resilient Africa MOOC Development Team** for the East African Lab.
- c. Lead Consultant in an **Amref Health Africa** funded end-line evaluation project titled, "Improving Access to Safe Drinking Water and Phase Promotion in Schools and Communities in the Slums of Kawempe Division in Kampala City, Uganda. May - June 2014
- d. Lead Consultant in an **Amref Health Africa** funded baseline study titled, "JIBU M-Learning for Nurses and Midwives in Kenya, Uganda and Tanzania Project (Uganda Chapter). April - May 2014
- e. Principal investigator in a project, Distance education leapfrogging Project funded by NORAD under the NORHED programme, Jan 2014 - December 2019.
- f. Principal investigator in a project, Propelling an ICT Led Pedagogy at Makerere University funded by Spider, Sweden, Sept - December 2012.
- g. Principal investigator in a project to integrate mobile learning in open and distance learning at Makerere University funded by the **Sida, Sweden**. July 2012- June 2014.
- h. Co-researcher in **Nuffic Funded Project** for building ICT Capacity for selected participating universities in Zambia. Commenced on 3rd October 2011 and ran for 3 years.
- i. Co-researcher in the e-Content development project funded by the **Partnership for Higher Education in Africa (PHEA)**. Ongoing.
- j. Conducted four workshops on 'Learning Context and Mobile Learning' at the **University of South Africa (UNISA)** Teaching and Learning Festival 2011, September 1-9, 2011
- k. Co-researcher in **Nuffic Funded Project (NPT/034/ICT/MOZ)** for building staff e-learning capacity in selected participating universities in Mozambique. June 2010 - May 2011.
- l. Co-researcher in **Inter-University Council for East Africa** Funded Project titled, 'Enhancing the Capacity of East African Universities to Utilize ICT for Sustainable Regional Development'. June 2009 - June 2011.
- m. Co-researcher in the **Economic Commission for Africa** Research Project for established an East African Network of Research Excellence (EANRE) and Observatory (EANREO). Ongoing
- n. Core member of the team developing Makerere University Educational Technology Strategy (MakETS) 2009/10 -2017/18
- o. Member of project team of the **Carnegie** Science Distance Education Project (2001-2006)
- p. Member on the research team in a **Rockefeller** funded project: Enhancing Capacity of IACE Regional Centres to Support Distance Learning and Community Participation in Decentralised Districts (2001 - 2006).
- q. Training on the Development of Literacy and Non-Formal Education (NFE) through Information and Communications Technology (ICT), **National Commission for UNESCO**, Kampala, 5th - 7th July 2004 and 16th - 20th August 2004.
- r. Member of the team that developed the Institute of Adult and Continuing Education strategic plan (2007/08 -2017/18)
- s. Member of the team that developed the Department of Distance Education strategic plan

(2007/08 -2017/18)

- t. Initiator of the Mobile Research Supervision Initiative (MRSI)
- u. Member of the team that formulated the distance education policy at Makerere University
- v. Team leader in the development of the mobile broadcast system of the Department of Distance Education
- w. Member of project team of the Carnegie Science Distance Education Project (2001-2006)
- x. Member on the research team in a Rockefeller funded project: Enhancing Capacity of IACE Regional Centres to Support Distance Learning and Community Participation in Decentralised Districts (2001 - 2006).
- y. Leader of a team entrusted with setting up ICT Study Centres for the Department of Distance Education in the 5 Regions of Uganda.
- z. Developed a Records Keeping System of the Department of Distance Education (DE Records Keeper)
- aa. Computer Application Training for Head of Department, Pallisa District Local Government, Uganda, 1st -15th May 2007.
- bb. Training on the Development of Literacy and Non-Formal Education (NFE) through Information and Communications Technology (ICT), National Commission for UNESCO, Kampala, 5th - 7th July 2004 and 16th - 20th August 2004.
- cc. Data Management Specialist, RSDP-CU, MFPED 2003 - 2004.

5. Awards, Grants and Scholarships received

- a. Amref Health Africa, UGX 15,420,880, for the end-line evaluation of Improving Access To Safe Drinking Water and PHASE Promotion in Schools and Communities in the Slums of Kawempe Division in Kampala City, Uganda
- b. Amref Health Africa, UGX 50,000,000 for the JIBU M-Learning Baseline study among nurses and Midwives in Uganda
- c. NORAD Project, NOK 18,000,000 for the Project Distance Education Leapfrogging Project
- d. NORAD Project, NOK 150,000, Seed funding for Developing Distance Education Leapfrogging Project Proposal
- e. Spider Project, SEK 100,000 funding for a research project on Propelling an ICT Led Pedagogy at Makerere University.
- f. Sida Post Doc grant worthy USD 30,000 for the Project, "Integrating Mobile Learning in Open and Distance Learning at Makerere University".
- g. Dr. Muyinda's PhD research work won the Postgraduate Student Research Project of the Year Award of the Uganda Communications Commission Annual Communication Innovations Award 2010 (See <http://www.ucc.co.ug/award/index.htm>).
- h. Part of this PhD research, titled, "Managing mLearning Costs in Low Income Societies of Africa" won 'A Highly Commended Research Award of 2009' from Emerald/ALCS African Management Research Fund Award (See http://info.emeraldinsight.com/research/awards/2009_alcs_mgmt.htm).
- i. SIDA/SAREC PhD research grant (USD 9,428) for three years
- j. Makerere University PhD fees waiver of USD 1,764 per annum for 3 year
- k. Chinese Government 2½ years masters programme full scholarship
- l. Government of Uganda 3 years fulltime undergraduate scholarship

6. Research Interests

Mobile and electronic learning, ICTs in Education, Open and Distance Learning, ICT for Sustainable

Development, Information Systems, E- and M-governance, databases systems, mobile applications development, IT for business development.

7. Research Record/Publications

Dr. Muyinda's research career is on a rapid positive trend to growth. He has undertaken cutting edge research most of which has been/is being published in refereed international journals and conferences. This research has led to the development of policies, models/frameworks (blue prints) and standards for IT systems in education. He is a distinguished international scholar who is sometimes consulted to review and edit publications for international journals, conferences and books.

PhD Thesis

- A software framework for Interoperating Mobile and Online Learning Objects

Refereed Journal publications

- Lubega, T. J., Mugisha A.K., & **Muyinda, P. B.** (April 2014). Adoption of the SAMR Model to Assess ICT Pedagogical Adoption: A Case of Makerere University. *International Journal of e-Education, e-Business, e-Management and e-Learning* Vol. 4 No. 2, pp 106-115. Available at <http://www.ijeeee.org/Papers/312-CZ607.pdf>
- Munguatosha, G., **Muyinda B. P.** and Lubega, J (2011). A Social Networked Learning Adoption Model for Higher Education Institutions in Developing Countries. *On the Horizon*. Vol. 19 No. 4, pp. 307-320. Available at <http://www.emeraldinsight.com/fwd.htm?id=aob&ini=aob&doi=10.1108/1074812111179439>
- Muyinda, B. P.**, Lubega, J., Lynch, K. Weide, T. (2010). Mobile learning objects deployment and utilization in developing countries, *International Journal of Computing and ICT Research (IJIR), Special Issue*, Vol. 4, No. 1, pp 37-46. Available at <http://ijcir.org/specialissue2010/article5.pdf>.
- Muyinda, B. P.**, Lubega, J., Lynch, K. (2010). Unleashing mobile phones for research supervision support at Makerere University, Uganda: the lessons learned. *International Journal of Innovation and Learning (IJIL)*, Vol. 7, No 1, pp 14-34. Available at http://www.inderscience.com/search/index.php?action=record&rec_id=29471&prevQuery=&ps=10&m=or.
- Muyinda, B. P.**, Lubega, J., Lynch, K. (2009). A Model for Scaffolding Traditional Distance Learners for Constructivistic Online learning. *Makerere University Journal for Higher Education (MAJOHE)*, Vol. 2, Issue 2009, pp. 155-176. Available at <http://ahero.uwc.ac.za/index.php?module=cshe&action=downloadfile&fileid=36807145012499793439320>.
- Muyinda, B. P.**, Lubega, J., Lynch, K. (2008). The Mobile Research Supervision Initiative (MRSI) at Makerere University: Lessons to Learn. *International Journal of Computing and ICT Research (IJIR), Special Issue*, Vol. 1, No. 1, pp 48-59. Available at www.ijcir.org/specialissue2008/article6.pdf.
- Muyinda, B. P.** (2007). MLearning: pedagogical, technical and organizational hypes and realities. *Campus-Wide Information System (CWIS)*, Vol. 24, No. 2, pp 97-104. Available at <http://www.emeraldinsight.com/journals.htm?articleid=1598232&show=abstract>

Sponsor:

Edited Book Publication

Muyinda B. P., ed. *Distance Education*. Croatia: InTech Publishers, 2012. Print. ISBN 978-953-51-0756-9. Available at <http://www.intechopen.com/books/distance-education>

Book Chapter Publications

1. Muyinda B. P., Mayende, G. & Kizito, J. (nd). Requirements for a Seamless Collaborative and Cooperative MLearning System. In M. Milrad, L. Wong & M. Specht Eds (nd). Seamless Learning. In Press. Proof reading of final type set completed. Awaiting Publication.
- a. Mayende, G., **Muyinda, B. P.**, Isabwe, G. M. N., Walimbwa, M & Siminyu, N. S. (2014). Facebook mediated interaction and learning in distance learning at Makerere University. *In Proceedings of the e-Learning 2014 International Conference*, 15 - 18 July, Lisbon, Portugal, Edited by Miguel Babtista Nunes and Marggie McPherson, ISBN 978-989-8704-08-5
- b. **Muyinda, B. P.**, Lubega, J., Lynch, K. Weide, T. (2011). Study Mode Does Not Matter: MLearning Can Support Internal and Distance Learners. In P.B. Muyinda (Ed), *Distance Education*. Croatia: InTech Publishers, ISBN 978-953-51-0756-9. Pp 235 - 254. Available at <http://www.intechopen.com/articles/show/title/study-mode-does-not-matter-mlearning-can-support-internal-and-distance-learners>
- c. **Muyinda B. P.** (2012). Open and Distance Learning in Dual Mode Universities: A Treasure Unexploited. In Joi L. Moore and Angela D. Benson (Ed.), *International Perspectives of Distance Learning in Higher Education*. Croatia: InTech Publishers, ISBN 978-953-51-0330-1. Pp 33-80. Available at <http://www.intechopen.com/articles/show/title/open-and-distance-learning-in-dual-mode-universities-a-treasure-unexploited>
- d. **Muyinda, B. P.**, Lubega, J., Lynch, K. Weide, T. (2011). A Framework for Instantiating Pedagogic mLearning Applications. In C. Antonio and P. Pekka (Eds.), *Theoretical Aspects of Computing - (ICTAC 2011)*. Springer-Verlag Berlin Heidelberg: Lecture Notes in Computer Science, Vol. 6916/2011, pp. 194-217, DOI: 10.1007/978-3-642-23283-1_14, ISBN 978-3-642-23282-4. Available at <http://www.springerlink.com/content/692325145q23qt4j/>.
- e. **Muyinda, P. B.**, Lubega, J., Lynch, K., Weide, T. (2011). Learning Context of University Students in Africa: A Propeller or Inhibitor for mLearning? In Kizza, M. J., Lynch, K., and Nath, (Ed). *Strengthening the Role of ICT in Development*. Kampala: Fountain Publishers. Vol. IV, pp. 341-356. ISBN 978-9970-25-128-5. <http://cit.mak.ac.ug/iccir/downloads/ICCI11.pdf>.
- f. **Muyinda, P. B.**, Lynch, K. and Lubega, J. (2008). Mobile Research Supervision Initiative (MRSI) at Makerere University: Lessons to Learn. In Aisbett, J., Gibbon, G., Rodrigues, A. J., Kizza, M. J., Nath, R. and Renardel, G. R.: *Strengthening the Role of ICT in Development*, Vol. IV, pp. 359-376, Fountain Publishers, ISBN: 978-9970-02-871-2.
- g. **Muyinda, B. P.**, Lynch, K., Mugisa, E. (2007). Mlearning: The education use of mobile communications devices. In Kizza, J. M., Muhirwe, J., Aisbett, J., Getao, K., Mbarika, V.W., Patel, D., Rodrigues, A.J. (Ed.), *Strengthening the Role of ICT in Development*. Kampala: Fountain Publishers. ISBN: 978-9970-02-730-9. Available at <http://cit.mak.ac.ug/iccir/downloads/SREC07.pdf>.

Conferences Publications/Presentations

- a. Mayende, G.; **Muyinda B. P.**; Prinz, A Isabwe, G. M. N. & Schulz, R. P. (2014). Online learning needs assessment in developing countries: Case study of Uganda. *A paper presented at UNO/UiA Blended Workshop*, October 7 - 8, 2014, University of Agder, Norway.
- b. **Muyinda B. P.** & Aguti N. J. (2014). Distance Education Leapfrogging Project for Quality ODeL at Makerere University. *A paper presented at Agder Digital Learning Arena Project (ADILA) - Innovation in Learning Through Digital Media Seminar*, University of Agder, Kristiansand,

- Norway, 24th February 2014. www.adila.prosject.uia.no/
- c. **Muyinda B. P.** (2013). mLearning in developing country context. *A paper presented during 2013 workshop for Block Release Module EDN 61025 - Education ICTs in Developing Context*. Center for Educational Technology, UCT, SA.19th to 27th May 2013
 - d. Miiro M., **Muyinda, B. P.** & Lubega, J. (2013). A Ubiquitous Method for Sustained Use of M-Learning in the Classroom. *A paper to be presented at eLearning Innovations Conference & Expo*, Safari Park Hotel and Casino, Nairobi, Kenya, June 29th - 30th July 2013
 - e. **Muyinda, B. P.** & Mayende, G. (2013). Pedagogical Affordances of Social Networking Sites Amongst Distance Learners in Uganda. *A Paper Presented at eLearning Africa 2013 8th International Conference on ICT for Development, Education and Training*, Safari Court, Windhoek Namibia, May 28-31, 2013
 - f. **Muyinda B. P.**, Mugisha, J. A. & Lubega T. J. (2013). Propelling an ICT-Led Pedagogy at Makerere University. *A Paper presented at eLearning Africa 2013 8th International Conference on ICT for Development, Education and Training*, Safari Court, Windhoek Namibia, May 28-31, 2013
 - g. Agaba, J. E., Kanagwa, B. & **Muyinda B.P.** (2012). On Addressing Challenges in Instruction Design Using Learning Objects. *A paper presented at the 8th Annual International Conference on Computing and ICT Research (ICCIR 2012)*. Protea Hotel Kampala, Uganda, 6th - 8th August 2012.
 - h. **Muyinda, B. P.**, Lubega, J., Lynch, K. Weide, T. (2012). Study Mode Does Not Matter: MLearning Can Support Internal and Distance Learners. *A paper presented at the 8th Annual International Conference on Computing and ICT Research (ICCIR 2012)*. Protea Hotel Kampala, Uganda, 6th - 8th August 2012. Also presented at the Rwanda International Conference on ICT for Education 2012 (RICTE 2012), Serena Hotel Kigali, Rwanda, 5th to 7th September 2012
 - i. **Muyinda, B. P.**, Lubega, J., Lynch, K. Weide, T. (2011). A Framework for Instantiating Pedagogic mLearning Applications. *A paper presented at the International Colloquium on Theoretical Aspects of Computing 2011 (ICTAC 2011)*, Johannesburg, South Africa. 31 August - 2 September 2011.
 - j. **Muyinda, P. B.**, Lubega, J., Lynch, K., Weide, T. (2011). Learning Context of University Students in Africa: A Propeller or Inhibitor for mLearning? *A paper presented at the 7th Annual International Conference on Computing and ICT Research (ICCIR 2011)*. Protea Hotel Kampala, Uganda, 7th -9th August 2011.
 - k. Ayoo, P., Lubega, J., **Muyinda, P.** (2011). A framework for sharing e-learning resources within universities. *A paper presented at the 3rd ACDE Conference*. Mlimani Conference Centre, Dar es Salaam, Tanzania, 12th - 15th July 2011.
 - l. **Muyinda, B. P.**, Lubega, J., Lynch, K., Van Der Weide, T. (2010). A Model for Mobile Learning Adoption and Implementation in Africa (MLAIMA). *A paper presented at e-Learning Africa 2010 Conference, Lusaka, Zambia, 26th - 28th May 2010*
 - m. **Muyinda, B. P.**, Lubega, J., Lynch, K., Van Der Weide, T. (2010). Mobile learning objects deployment and utilization in developing countries. *A paper presented at IADIS Mobile Learning 2010*, Porto, Portugal, 19th - 21st March 2010
 - n. **Muyinda, B. P.**, Lubega, J., Lynch, K. (2009). A Framework for Introducing and Sustaining Constructivistic Online Learning amongst Traditional Distance Learners in Africa. *A paper presented at DETA 2009*, University of Cape Coast, Ghana, August 3-5, 2009.
 - o. **Muyinda, B. P.**, Lubega, J., Lynch, K. (2009). A Model for Scaffolding Traditional Distance Learners in Africa for Constructivistic Online learning. *A paper presented at:*
 - 1st Regional Conference on E-learning. Kenyatta University, Nairobi, Kenya, November 18-20, 2008.
 - 4th International Conference on ICT for Development, Education and Training (e-Learning

- Africa 2009*), Le Meridien Hotel, Dakar, Senegal, May 27-19, 2009
- p. **Muyinda, B. P.**, Lubega, J., Lynch, K. (2008). An Evaluation of the Mobile Research Supervision Initiative (MRSI) at Makerere University. *A paper presented at:*
- *SREC 2008 Conference*, Kampala, Uganda, August 3-5, 2008
 - *E/merge 2008, Online Conference*, CET, UCT, SA, July 7-18, 2008.
 - *3rd International Conference on ICT for Development, Education and Training (e-Learning Africa 2008)*, International Conference Centre, Accra, Ghana, May 28-30, 2008.
- q. **Muyinda, B. P.**, Lynch, K., Mugisa, E. (2007). Mlearning: The education use of mobile communications devices. *A paper presented at SREC 07 Conference - Strengthening the Role of ICT in Development*. Kampala, Uganda, August 5-7, 2007.

Other publications

- a. Muyinda B. P. (2010). Deploying and Utilising Learning Object on Mobile Phones - PhD Dissertation, unpublished. Makerere University. Supervisors - Lubega, J., Lynch, K. & Van Det Weide T.
- b. **Muyinda B. P.** (1998). *A National Passport IntranetWare* - Masters Dissertation. Shanghai University, Unpublished.
- c. **Muyinda B. P.** (1994). *Attitudes of University Students in Uganda Towards Cost Sharing in Higher Institutions of Learning - A Case of Makerere University Undergraduate Students*, Undergraduate Dissertation. Makerere University, Unpublished.

Conference/Journal Papers and Books Reviewed

- a. Botha, A, Van Greunen, D, Herselman, M. (2010). A Mobile Human-Computer Interaction Perspective on Mobile Learning. *International Conference on Computing and ICT Research*.
- b. Maina, M. O. (2010). An Assessment of the Security of a Mobile Voting Scheme. *International Conference on Computing and ICT Research*.
- c. No Name (2009). Enhancing the Research Prowess of Emotionally Tensed Distance Learners (DLS) through Three Behavior Techniques. *Educational Research and Reviews*. www.academicjournals.org/err
- d. No Name (2009). Application of Grid computing for online learning resources. *A paper for the 4th International Conference on Computing and ICT Research*, August 3-5 2009, Makerere University, Kampala, Uganda
- e. Dungu, R. (2009). Good Practices Necessary for Effective Implementation of Information and Communication Technologies (ICTs) in Secondary Schools - A Case of Gayaza High School, Uganda. *Paper for the 7th International Conference on Education and Information Systems, Technologies and Applications: EISTA 2009*, Orlando, Florida, USA

On Going Research Projects

1. **Muyinda B. P.**, Lubega, J., Mugisha, A. (2012). Propelling an ICT Led Pedagogy at Makerere University.
2. **Muyinda B. P.**, Kizito, J., & Mayende, G. (2012). Integrating Mobile Learning in Open and Distance Learning at Makerere University.
3. Mayende G. & **Muyinda, B. P.** (2012). Busy Fingers: Social Media for enhanced interaction amongst students.

4. Mayende G., Odongo S. E. & **Muyinda, B. P.** (2012). Using social media to enhance pedagogical approaches at Makerere University.

8. Professional Qualifications and Membership

- a. CNA (Certified NetWare Administrator)
- b. General Secretary, Makerere University E-Learning Research Group
- c. Member Emerald Literati Network

9. Skills Training Courses, Workshops and Seminars Attended

- r. *Agder Digital Learning Arena Project (ADILA)* - Innovation in Learning Through Digital Media Seminar, University of Agder, Norway, 24th February 2014. Adila.prosjekt.uia.no/
- s. Australian Leadership Award Fellowship 11 (ALAF 11) - 2012. Advancing Policy and Planning for e-learning in Ugandan Teacher Education. University of the Sunshine Coast, Maroochydore, Queensland, Australia, 1st July - 5th August 2012.
- t. International Training on ICT and Pedagogical Development, Karlstad, Sweden, 21st May to 15th June, 2012.
- u. 1st School on Software Engineering and Formal Methods. A UNU-IIST Funded School. Department of Computer Science, UCT, South Africa, 27th October - 07th November 2008.
- v. Training Workshop for e-content Development for Science and Engineering Lectures. ANSTI/UNESCO TRAINING. ICT Corporate Lab, Nairobi University, Kenya, 23rd - 28th June 2008.
- w. Research Foundation for Open and Distance Learning (ODL) Practitioners, A Commonwealth Online Course for ODL Practitioners, 24th Sept. - 18th November 2007.
- x. Statistical Methods and Computer Applications in Research, 13th - 31st August 2007.
- y. Distance Education Teacher Education in Africa 2007 Conference (DETA 2007). Makerere University, Kampala, Uganda, 3rd - 5th August 2007.
- z. Communication and Scholarly Writing Workshop, Ridar Hotel, Kampala, Uganda, 15th - 19th January 2007.
- aa. National Consultative Forum on Open and Distance Learning - Opening New Frontiers for Equity and Quality Education Through Open and Distance Learning, Hotel Africana, Kampala, Uganda; 6th - 8th December 2006.
- bb. Research Methodology: Qualitative and Quantitative Approaches, Faculty of Forestry Conference Room, Makerere University, 3rd - 7th and 17th - 21st July 2006.
- cc. 1st International Conference on ICT for Development, Education and Training, UNCC, Addis Ababa, Ethiopia, 23rd - 26th May 2006.
- dd. e-Learning Refresher Course, Faculty of Computing and Information Technology, Makerere University, Kampala, Uganda, 24th - 28th April 2006.
- ee. Project Planning and Management By HR & Management Agency Ltd, Lions Centre, Sheraton Hotel, Kampala, 29th - 30th June 2004.
- ff. SSATP Transport/Poverty Reduction Analysis Training and Information Workshop; Fairview Hotel, Nairobi, Kenya, 12th - 14th May 2004.
- gg. Ten Year District Roads Investment Plan (TYDRIP), Nile International Conference Centre, Kampala, 14th May 2003.
- hh. ArcGIS Training, Oaker Services Limited, Agwing Kodhek Road, Nairobi, Kenya, 10th - 23rd August 2003:
- ii. Training in Capacity Building and Policy Development in e-Learning in Higher Education

- Institutions, Makerere University, Kampala, Uganda, 19th August - 4th September 2002.
- jj. Student Support in Distance Education, Hotel Africana, Kampala, 8th - 14th October 2000:
- kk. Designing and Writing Distance Education Study Materials for Higher Education, Fairway Hotel, Kampala, Uganda, 29th March - 1st April 2000:.

10. Employment Record

- a. Head, Department of Open and Distance Learning, March 2011 to Date

Key Accomplishments

- Provided academic leadership to colleagues at the Department
- Spearheaded the formulation of Policies and Strategies for Open, Distance and eLearning at Makerere University
- Developed a proposal for establishing an autonomous School of Open, Distance and eLearning
- Undertook day to day administrative tasks at the Department
- Secured various funding grant for the Department

- b. Lecturer, Department of Open and Distance Learning, 1999 to 2010

Key Accomplishments

- Teaching ICT related courses on all distance education degree programmes
- Supervised over 400 undergraduate research dissertations
- Undertook research in mobile and e-learning
- Participated in the implementation of various projects of the Department of Distance Education including Carnegie and Rockefeller funded projects

- c. Head of ICT Section/ Systems Administrator/Programmer, Department of Distance Education, Mak., Sept 1998 - February 2011

Key Accomplishments

- Head(ed) the Information and Communications Technology (ICT) Section of the Department of Distance Education
- Plan for and manage ICT assets of the Department
- Supervise(d) subordinate staff under the ICT Section
- Prepare(d) a 5 year strategic plan for the ICT Section
- Represent(ed) the Department at IT policy formulating organs of the University
- Integrate(d) ICTs into the distance education student support system
- Provide(d) e- and m-learning services to staff and students of via Blackboard LMS and mobile broadcast system respectively.
- Set-up and maintain(ed) the Department of Distance Education upcountry ICT study centres based on Windows 2003 Server backbone
- Computerised student records keeping system of the Department of Distance Education using MS Access and Visual Basic (DE Records Keeper).
- Designed and set-up a Novell Netware based (Netware backbone) LAN with Windows 95/98/2000/Me/XP (hybrid) workstations/clients and Optic Fibre Uplink for the Department of Distance Education and Director's Office.
- ICT Systems Administration of over 150 Inter-networked PCs, 4 Network Printers and 5 Laptops for Department of Distance Education.
- Ensure(d) availability of Internet and e-mail services to staff, students and other clients of the

Department of Distance Education by making sure that the Susie Linux Gateway/Firewall was always up and running and workstations correctly configured.

- Train(ed) staff in proper ICT usage
- Design(ed) and maintain(ed) Website for the Department of Distance Education (www.distance.mak.ac.ug)
- Offer(ed) ICT consultancy services to Makerere University and the general public

b. Data Management Specialist, Transport Section/Road Sector Development Programme - Co-ordination Unit (RSDP-CU), Ministry of Finance Planning and Economic Development, Uganda, Jan 2003 - Dec 2004. Dr. Muyinda was part of the Management Advisory Group (MAG) extended to the Transport Section courtesy of DANIDA. This was a short term consultancy of 2 years.

Key Accomplishments

- Undertook day to day systems administration for RSDP-CU ICTs
- Administered the Road Sector Performance Monitoring Databases
- Designed a Website for the RSDP-CU (www.rsdpku.go.ug)
- Supervise(d) subordinate staff in the RSDP-CU
- Maintained RSDP-CU Website
- Chaired the taskforce for implementing GIS-based Road Sector MIS (GIS-RSMIS) Project
- Designed a Road Sector Performance Monitoring System for the RSDP-CU, using ArcGIS 8.3
- Performed secretariat functions for the RSDP Steering Committee
- Advised Head of Transport Section on ICT related issues
- Provided inputs to the road sector performance monitoring quarterly reports

c. Acting Head of the Department of Distance Education, Makerere University - Various short-term periods between July 2004 and August 2005

Key Accomplishments

- Monitored the execution of the Department's work plans
- Day to day administration of the Department
- Coordination of examinations
- Represented the Department in different policy organs of the University
- Supervised over 150 teaching, administrative and support staff of the Department
- Monitored the implementation of various projects in the Department

d. Customer Support Engineer, Computer Point Ltd., April 1998 - August 1998

Key Accomplishments

- Trouble shot ICT systems at the workshop and customer sites
- Repaired ICT systems at the workshop and customer sites
- Installed new ICT systems at customer sites
- Carried out preventive maintenance of ICT systems at customer sites
- Implemented numerous LANs for clients
- Carried out research to discover new developments in ICTs

e. Systems Administrator, Uganda National Bureau of Standards, Aug - Oct 1999

Key Accomplishments

- Maintained a 100 computer LAN
- Planned for and managed ICT assets of the Bureau
- Supervised subordinate ICT staff in the Bureau

- Maintained ICT systems for the Bureau
- Trained staff on proper use of IT systems

f. Systems Administrator, Entebbe Handling Services, Nov 1999

Key Accomplishments

- Maintained the Cargo handling systems
- Maintained the LAN and ICT systems
- Supervised subordinate ICT staff in ENHAS
- Planned for and managed ICT assets of ENHAS
- Trained staff on proper use of IT systems

g. District Statistician, Tororo District Local Government, June 1995 - Aug 1995

Key Accomplishments

- Assisted the district population officer/planner in developing a 5 year district plan
- Assisted the district population officer/planner in executing population control programmes
- Assisted the district population officer/planner in analysing statistical data

h. Lecturer, Uganda College of Commerce Tororo, Sept 1994 - Aug 1995

Key Accomplishments

- Taught Data Processing and information System course
- Taught ICT course

i. Computer Instructor, Hippo Consult (U) Ltd., Oct 1994 - Aug 1995

Key Accomplishment

- Trained clients in computer applications

j. Computer Instructor, Computer Training and Consultancy Services Ltd., Jun 1994 - Oct 1994

Key Accomplishments

- Maintained books of accounts
- Trained clients in computer applications

11. IS/IT Blue prints/Models and Standards so far developed

- a. A mobile learning objects deployment and utilisation model - MoLODUM (published in 2010);
- b. A model for scaffolding traditional distance learners for constructivistic online learning (published in 2009);
- c. A model for adopting and implementing mobile learning in Africa (to be published in May 2010)
- d. A mobile learning cost sustainability plan (to be published in 2010);
- e. A model for computing the total cost of mobile phone communication (TCMPC) for an m-learner (to be published in 2010).
- f. Distance Education policies and strategies at Makerere University
- g. GIS Data standards for the RSDP-CU

12 Membership of Committees

- a. Chairperson AfDB-HEST Scholarship Selection Committee of Makerere University - Appointed 3rd October 2014
- b. Secretary College of Education and External Studies + School of Law Contracts Committee, 2014 to date

- c. Member, eLearning Africa 2014 Local Organising Committee
- d. Member, Makerere University Senate April 2014 - todate
- e. Member, CEES Management Committee, 2011 - todate
- f. Member, CEES Planning, Estates and Security Committee, 2011 - todate
- g. Member, CEES Finance Committee , 2011 - todate
- h. Member, CEES Academic Board, 2011 - todate
- i. Member, Senate Ad-hoc Committee to establish an e-learning implementation framework for Makerere University. Appointed February 27, 2014.
- j. Member CEES Steering Committee of the new SIDA 2013 - 2020 funded programmes
- k. Member Academic Policy and Appeals Sub-Committee of Senate - 2011 - To date
- l. Member Contracts Committee - College of Education and External Studies - 2011 - June 2014
- m. Member Research and Publications Committee - College of Education and External Studies- 2011 - To date
- n. Member, SODLL QA Committee, 2011- todate

13. Professional Aspirations

- a. Being a world renown expert in m- and e-learning
- b. Developing research careers in open distance and e-learning, mobile information systems, e-governance systems, e- and m-learning and ubiquitous systems

14. Academic Leadership

- a. External Examiner, UCT
- b. External Examiner, Kampala International University

15. Languages

- a. English (Writing - Excellent, Speaking - Excellent, Listening - Excellent)
- b. Swahili (Writing - poor, Speaking - Fair, Listening - Good)
- c. Chinese (Writing - None, Speaking - Fair, Listening - Fair)
- d. Lusoga (Writing - Good, Speaking - Excellent, Listening - Excellent)
- e. Samia (Writing - Good, Speaking - Excellent, Listening - Excellent)
- f. Luganda (Writing - Good, Speaking - Excellent, Listening - Excellent)

16. Referees

- a. Prof. Vernesius Baryamureeba, Vice Chancellor, Uganda Technology and Management University, P.O. Box Kampala: Tel: +256-712-874925, e-mail: vc@utam.ac.ug
- b. Prof. Jude T. Lubega, Deputy Vice chancellor (Academic Affairs), Uganda Technology and Management University, P.O. Box Kampala, Tel: +256-774-600884, e-mail: judlub@gmail.com
- c. Prof. JCS Musaazi, College of Education and External Studies, Makerere University, P.O. Box 7062 Kampala. Tel: +256-782-415763, e-mail: principal@cees.mak.ac.ug