Prof. JUDE T. LUBEGA CURRICULUM VITAE

Names: Prof. Jude T Lubega

Date of birth: 06 July 1974

Nationality: Ugandan

Address: P.O.Box 36859, Kampala, Uganda

Contacts:

>**Tel:** 0774600884,

>**Email:** jlubega@utamu.ac.ug, judlub@gmail.com

>**URL:** http://utamu.ac.ug/aboutus/senate/jlubega.html

Profile

Jude Lubega is a Professor of Information Technology who has vast experience in ICT4D. He is currently the Deputy Vice Chancellor of Uganda Technology and Management University. He previously served in Makerere University from 2007 t0 2012 as the Deputy Dean and the Head of the Information Technology Department in the College of Computing and Information Sciences. He has been the Chief Executive Officer for 8Tech Consults one of the leading ICT consulting companies in Uganda.

He is an experienced ICT4D consultant and has undertaken numerous researches and projects both nationally and internationally. He is a member of several boards and has won several research funding to undertake ICT4D projects. He is formerly a researcher and Lecturer in the School of Systems Engineering at the University of Reading, UK. He has been involved in developing several information systems including election monitoring using mobile devices.

His research interests include Tracking and Assessment in e-learning, Content Authoring, Multimedia, Multi-Agent Systems, Data Warehousing, Knowledge Representation, ICT for Development (E-Governance, E-Health, E-Agriculture), Mobile Computing, ICT Strategic Planning and Management, Web-based Systems and Mobile Learning. He has published widely in journal, books and conference proceedings.

1. Academic Qualifications:

- PhD. Computer Science December 2006: A Method for Personalised Feedback Generation during knowledge Construction

- Msc. Net Work Centred Computing, December 2002, Specialised in Electronic Commerce (Data Mining and Knowledge Discovery).

- Bsc. Computer Science and Statistics with an upper second-class honours degree October 2001.
- Certificate in Human Resource and management in 2001.

2. *Working Experience*

- 2013 – to date: Deputy Vice Chancellor Academic Affairs of Uganda Technology and Management University (UTAMU)

- 2015 – to date: Acting Deputy Vice Chancellor Finance and Administration of Uganda Technology and Management University (UTAMU)

- 2015 – to August 2015: Chairperson for the Task Force for the establishment of the Institute of IT Professionals in Uganda

- 2012 – 2015: Director in Uganda Technology and Management University Limited

- 2014 – to August 2015: Founding and Care taker (Dean) of the Uganda Technology and Management University (UTAMU) Graduate School

- 2012 to date: Director, Sarmalina Beverages International Limited, Uganda

- 2009-2013: Senior Lecture in the Department of Information Technology, Makerere University, Uganda

- 2012 to date: Chairman, RSJ Group Limited, Uganda

- 2009 to date: Chief Executive Officer (CEO), 8Tech Consults Limited, Uganda

- 2010 to date: ICT Committee Member of the Inter University Council for East Africa

- 2011-2012: Head of Information Technology Department, School of Computing and Informatics Technology

- 2008 – 2011: Deputy Dean in Charge of Graduate Studies and Research, Faculty of Computing and Informatics

- 2007-2009: Lecturer in the Department of Information Technology, Makerere University, Uganda
    - Taught Systems Analysis and Design, Object Oriented, research Methods for the Master Programs
    - Taught Trends in Information Systems for PhD Course work and research

- 2003-2006: Lecturer in the Department of Computer Science, School of Systems Engineering at the University of Reading, UK.
  - Taught E-Business for Bachelor of Information Technology
  - Taught Data Warehousing and Data Mining for the Msc. Network Centred Computing

3. Academic Responsibilities

Academic Consultancies
- Training of Teachers Bishop Stuart University (BSU) in E-Learning and use of the Learning Management Systems under the January 27-29 2016

- Training of University Teachers from across Teacher Trainers' Institutions in Ethiopia on e-learning and Learning Management Systems under the UNESCO 9-22November 2015

- Training of Teacher Trainers from Primary Teacher Training Institutions on Learning Management Systems under the UNESCO Project August 2015-10-22

- Training of Uganda Technology and Management University (UTAMU) staff in E-Learning in 2013- to date

- Training of Kampala International University (KIU) in E-Learning in 2015

- Training of Makerere University Staff (COCIS and CAES) in E-Learning in 2014

- Training of Ministry of Education Uganda – Principals and Deputy Principals of Primary Teacher Training Colleges in E-Learning

- Training of Ministry of Education Mozambique (5 public Universities) in E-Learning in February 2011

Responsibilities
- Member of the Uganda Technology and Management University (UTAMU) Council – 2012 to date

- Member of the Uganda Technology and Management University (UTAMU) Senate – 2012 to date

Curriculum Development
- Member of the team that developed the Uganda Technology and Management University (UTAMU) Computing Curricula since 2013 – 2015

- Member of the Team for Inter University Council for East Africa, ICT Training Curriculum development in 2013

- Participated in the revision of the Bachelor of Information Technology, Master of Information Technology and PhD in Information Technology Course work and research in 2009.

Examiner
- External examiner for the University of Kisubi (UNIK) – 2017

- External examiner for the University of Johannesburg (2016- to date)

- External Examiner for Nokulunga Sithabile Ndlovu titled "The pedagogical integration of ICTs by seven South African township secondary school teachers" from The University of the Witwatersrand (2015)

- External Examiner for Daphne Sithole, Master Dissertation from Nelson Mandela Metropolitan University (2014)

- External Examiner for Martha Mhongole "Development of an integrated academic repository to facilitate sharing of intellectual outputs from higher learning institutions in Tanzania", Master of Information Communication Science and Engineering, The Nelson Mandela African Institution of Science and Technology (2014)

- External Examiner for Lawrence Nehemiah "Development of a Semantically Interoperable Electronic Health Care Record Framework to Enhance Clinical Data Sharing and Decision Making in Tanzania Hospitals" Master of Information Communication Science and Engineering, The Nelson Mandela African Institution of Science and Technology (2014)

- External Examiner for Sylvester Gervas Kimbi " A holistic secure model for remote electronic voting via Internet and mobile phones in Tanzania" PhD in Information and Communication Science and Engineering, The Nelson Mandela African Institution of Science and Technology (2014)

- External Examiner for Mohamed Dewa Waziri "A holistic secured maturity model for protecting information in e-government: a case study of Tanzania", PhD in Information and Communication Science and Engineering, The Nelson Mandela African Institution of Science and Technology (2014)

- External Examiner for "Hard Real-Time Scheduling for Stochastic Runtime Jobs on a Cluster of Workstations" Master Dissertation of Faculty of Computing and Information Technology Makerere University (2006).

- External Examiner for "The State of Art and Practice in Online Learning" Master Dissertation of Faculty of Computing and Information Technology Makerere University (2006).

- External Examiner for PhD for "Designing Learning Objects for Adaptive Learning Environments" 2010 – TU Delft, Netherlands

- External Examiner for Mbarara University of Science and Technology in the Institute of Computer Science (2010-2014)

- External Examiner for Bishop Stuart University in Mbarara for the Department of Computer Science (2010-Date)

- External Examiner for Kyambogo University Department of Computer Science (2010-2014)

- External Examiner for Kigali Institute of Science and Technology, Rwanda for the Department of Computer Science and Engineering (2010-2014)

  Visiting Lecturer
- A visiting senior lecturer in Department of Computer Science and Engineering in Kigali Institute of Technology, Rwanda (2010-2012)

  Committees
- Member of the College Formation Committee "College of Computing and Information Sciences" – 2011

4. Administrative Responsibilities

- 2017-2020: Member of the Audit Committee for the Uganda National Examination Board (UNEB)

- 2013 – to date: Deputy Vice Chancellor Academic Affairs of Uganda Technology and Management University (UTAMU)

- October 2015 – Date: Acting Deputy Vice Chancellor Finance and Administration of Uganda Technology and Management University (UTAMU)

- 2014 – to 2015: Care taker (Dean) of the Uganda Technology and Management University (UTAMU) Graduate School

- April 2011 to 2012 Head of Information Technology Department, School of Computing and Informatics Technology

- February 2008 to February 2011 Deputy Dean in charge of Graduate Studies and Research

- February 2009, chair of the Committee to revamp the Uganda Computer Society (UCS)

- 2008 to 2011, chair of the E-learning Research Group, Faculty of Computing and IT, Makerere University

- November 2007 to February 2008 Acting Deputy Dean in Charge of Academic Affairs

- 2007 to 2008 research Advisor for Graduate Students in the Information Technology Department

5. *Projects Undertaken*

- 2018 – Development of The Terms of Reference (TORs) for the Design And Procurement of a Management Information System (MIS)

- 2018 – Associate Consultant in Radix on the Mid-Term Evaluation of the Makerere University Sida Research Collaboration Programme

- 2017 - Collaborative Prefeasibility and Feasibility Study For The ICT Innovation Support Project funded by Uganda Communication Commission (UCC)

- 2017 - Review of existing NPA reporting and HRIS and developing a more suitable automated system funded by GIZ

- 2017 – Project Leader for the Project on Needs Assessment for Peace Education funded by UNESCO-ICBA

- 2017 – Project Leader for the Project on Collaborative Prefeasibility And Feasibility Study For The ICT Innovation Support Project funded by Uganda Communication Commission.

- 2017 – Associate Consultant in Radix for the Conducting of a Joint Annual Review of three Implementing Partners Supported by DGF.

- 2017 – Associate Consultant in Radix and Ass Project Leader for Developing a Reward system for Motivation of teachers in Uganda under the Ministry of Education and Sports funded by UNICEF.

- 2017 – Associate Consultant in Radix on Evaluating the Performance of 15 Public sector organisations in Uganda under the Coordination of the Office of the Prime Minister, funded by DFID and coordinated by 3ie

- 2017- Project Leader for the Roll out of the PPDA E-Learning in Public Procurement and Contract Management funded by Ministry of Finance (FINMAP)

- 2017 – Project leader for the Production of short animated skits on financial literacy based on the core messages developed under Bank of Uganda's strategy for financial literacy in Uganda funded by GIZ

- 2017 – Project Leader for Developing A Financial Literacy Mobile App Based On The Financial Literacy E-Learning Tool, under Bank of Uganda's strategy for financial literacy in Uganda and funded by GIZ

- 2017: Team leader for the Project on Capacity building in e-learning for teachers of TTIs funded by UNESCO China Trust Fund

- May 2016 – August 2016: National Planning Authority System Employee Management System

- March 2016 – May 2016: PPDA Project on Developing a Public Procurement and Disposal E-Learning System

- June 2016 - Associate Consultant in Radix on Conducting An Evaluation To Ascertain The Cumulative Results Of The Voter Education Programme Undertaken By The DGF 14 Partners Through The 16 Voter Education Projects Over The Period Of One Year: June 2015 – May 2016, funded by DGF

- December 2015 – December 2016: GIZ Project on Implementing a Master in Monitoring and Evaluation

- December 2015 – June 2016: Belgian Technical Corporation (BTC) project on Developing a Framework for National Training Teachers Colleges

- September 2015 – February 2016: GIZ and Bank of Uganda Project on Implementing an e-learning Financial Literacy Programme

- May 2015 – December 2015: UNESCO Project on Building the capacity of teacher educators in effective use of learner management system (LMS) in networking and partnership among the key TTIs and school-based teachers' continuous professional development

- February 2015: Participated in the development and installation of the Kampala International University Learning Management System plus training its staff.

- February 2015: Participated in the development and installation of the Bishop Stuart University Learning Management System plus training its staff.

- 2015 – August 2015: GIZ Project on Implementing a Postgraduate Certificate in Evaluation

- 2014 – Part of Team that developed the Social Economic Development Association (SEDA) Strategic Plan

- 2013 – Date: Part of the Development Team for the Mpanga Tea Grower Enterprise Management System

- 2013 – Senior Researcher on the Project funded by UNIDO, Microsoft and Microsoft Innovation Centre Uganda called: The Impact of Information Communication Technologies (ICTs) on Small Holder Farmers Particularly Women- Draft Report

- 2013 – Developed a Strategic Plan for Uganda Business and Technical Examinations Board (UBTEB)

- 2012 – Developed the first Strategic Plan for Uganda Technology and Management University (UTAMU)

- 2012: Participated in the development and installation of the Bishop Stuart University Learning Management System

- 2012: Participated in the development and installation of the Mutesa I Royal University Learning Management System, development of an E-Learning Policy and training of staff

- 2012 – 2013: Developing Cross Media Services to Promote Citizens Participation in Local Governance Activities Project funded by SPIDER in Sweden

- 2012 -2013: Developing and implementing an E-Learning System plus its Policy for Bishop Stuart University

- 2012-Date: Transformational e-Learning Content Space (TeLCS) - An Open Source Multi-media Content Repository for lower educational institutions of learning

- 2012 –2013: Propelling an ICT Led Pedagogy in Makerere University – Project funded by SPIDER in Sweden

- 2011 – Developed an E-Learning Policy for Bishop Stuart University

- 2011 – Participated in the Project for developing Mobile Application for Maternal Health data collection based on the openXdata framework as a researcher

- 2011-Date NUFFIC ZAMREN Project in Zambia for Developing the Zambia Research Network (Participating in building Capacity for E-Learning)-Consultant

- 2011 - NUFFIC E-Learning Capacity Building Project in Mozambique for Six Public Universities (Consultant)

- 2009-2010 IUCEA Project, Enhancing the capacity of East African universities to utilize ICT for sustainable regional development: ICT staff-training programmes development and validation (Lead Researcher)

- 2010, Establishing the East African Network of Research Excellence and Observatory (EANREO): UNECA and IUCEA (Consultant)

- August 2009 AVOIR Project on Animal Health Information System (AHIS) funded by USAID and University of Western Cape South Africa (Lead Researcher)

- 2009 to date coordinating the Pan African e-Network Project in the component of Tele Education (coordinator).

- 2008 to date, Makerere Coordinator for the NUFFIC II project titled: Strengthening ICT Training and Research Capacity in the Four Public Universities in Uganda

- African Virtual Open Initiative and Research Project (AVOIR), 2007 to 2009 funded by IDRC (Lead Researcher)

- Pan African Research Agenda on the Pedagogical Integration of ICT (2007 to 2012) funded by IDRC and ERNWACA (Researcher)

- February 2009 to 2012, Millennium Science Initiative Project for Improving education through Open Distance Learning (oDEL) for Kyambogo University (Consultant)

- 2010; establishing an E-Learning Policy ad Environment for Mbarara University of Science and Technology (Lead Researcher)

- March 2009, participated in the development of the ICT Policy for the Inter University Council of East Africa (IUCEA) (Member)

- 2008-2009, Development of the French Portal for French Teachers Association in East Africa (Lead Researcher)

- February to June 2006, working on Reading University Stage Direction Project. I designed a system to help in searching electronically for stage directions more effectively and efficiently (Lead Researcher)

- January 2003 to December 2006, Research Project in E-learning University of Reading. Within this research project I designed a method for Personalised tracking used in Learning Management Systems (Lead Researcher)

- March to September 2002 Data Warehousing Project (Data mining) at the University of Reading. While on this project, I was assigned to carry out Data Mining on the relationships between the students' performances and their use of the Managed Learning Environment (Black board) (Lead Researcher)

- January 2003, Data warehousing (Data mining) project with Dr. Hong, Faculty of Computing University of Reading. The aim was to find out how the teaching and learning methods of the university affected the students' performance (Lead Researcher)

Projects Proposals written

- Establishing an Eastern and southern Africa Petroleum Centre of Excellence (ESAPECE) at Makerere University in collaboration with other partners 2016

- Developing a National e-Content Space (NeCS) - Digital Content for educational institutions of learning in Uganda (2015): - (Lead Researcher)

- ICT Training for Secondary and Primary Teachers Project (2015):- (Project Coordinator)

- Improving Maternal Health and New Born Babies through the Use of Mobile Phone Technologies - (Consortium of Seven Countries across the World)

6. *International Conference, Workshops and Journals*

Technical Committee Member/Paper Reviewer

- International Journal of Computing and ICT Research (IJCIR)

- International Conference on Computing and ICT Research (ICCIR)

- Mobile 4 Development Conference 2010 (M4D'10)

- IFIP 9.0 Voices from Africa Workshops

- Journal of Educational Research in Africa (JERA) etc…

- 2011 African Conference on Software engineering and Applied Computer Science (ACSEA'11)

Conference/Workshop Organization

- Vice Chairperson Organizing Committee for the International Conference on Technology and Management (ICTM) 2016

- Chairperson Organizing Committee for the International Conference on Technology and Management (ICTM) 2014

- Vice Chairperson Local Organizing Committee for E-Learning Africa 2014

- 7th International Conference on Theory and Practice of Electronic Governance (ECEGOV 2013) in Korea - Member of the Programme Committee

- Mobile 4 Development Conference 2014 (M4D'14) in Senegal – Member of the Programme Committee

- Mobile 4 Development Conference 2012 (M4D'12) in India – Member of the Organizing Committee

- Mobile 4 Development Conference 2010 (M4D'10) – Co-Chair for the Local Organizing Committee

- Chair for the Voices from Africa ICT for Development, IFIP 9 Workshop 2010

- Member of the Technical Committee for the AFRICOMM 2009 Conference

- Chair Organising Committee for the Annual International Conference on Computing and ICT Research (ICCIR'09 to date)

- Vice Chair Organising Committee for the Annual International Conference on Computing and ICT Research (ICCIR'07-08)

7. *Books and Paper Publications:*

7.1. Books
1. Basheka, B.C. **Lubega**, J.T & Kibukamusoke, M (2017). Management and Organizational Efficiency: Exploring Current Trends and Practices, Kampala, Uganda, ISBN: 978-9970-9707-0-4.

7.2. *Journal Papers*

1. Basheka, B. C. Byamugisha, A and **Lubega, J. T.** (2017) Towards a Model for Assessing Performance of Public Sector Organisations (PSOs) in Uganda ABSTRACT - A Rapid Assessment. Administratio Publica Vol 25 No 2 June 2017.pp. 139 – 161. ISSN 1015-4833 Link

2. Basheka, B.C. **Lubega**, J.T & Baguma, R (2016) Blended-Learning Approaches and the Teaching of Monitoring and Evaluation Programs in African Universities: Unmasking The UTAMU Approach. African Journal of Public Affairs, Volume 9 number 4.

3. Agaba, J. E. and **Lubega**, J. T. (2015). Adaptation of Learning Objects with Multi-format Assets, International Journal of Information and Education Technology, (IJIET), Vol. 6, No. 1, pp. 76 – 79. ISSN 2010-3689

4. Namisango F. and **Lubega**, T. J. (2014). A Theoretical Framework for Improving Information Management in Small and Medium-Sized Enterprises: The Case of Uganda, International Journal of e-Education, e-Business, e-Management and e-Learning (IJEEEE), Vol. 4, No. 2, pp. 95 – 101 - Link

5. **Lubega** T. J., Mugisha A. K. and Muyinda P. B. (2014). Adoption of the SAMR Model to Asses ICT Pedagogical Adoption: A Case of Makerere University,

International Journal of e-Education, e-Business, e-Management and e-Learning (IJEEEE), Vol. 4, No. 2, pp. 106 – 115 – Link

6. Agaba, J. E and **Lubega**, J. T. (2014). On Addressing Design Issues that Hinder Reusability of Learning Objects in Instruction Design, International Journal of Information and Education Technology, (IJIET), Vol. 4, No. 1, pp. 25 – 28 – Link

7. Ayoo, P. O and **Lubega**, J. T. (2014). A Framework for e-Learning Resources Sharing (FeLRS), International Journal of Information and Education Technology, (IJIET), Vol. 4, No. 1, pp. 112 – 119 - Link

8. Nath, R., Chen, L., Muyingi, H.N. and **Lubega**, J. T. (2013). Internet Addiction in Africa: A Study of Namibia and Ugandan College Students. International Journal of Computing and ICT Research (IJCIR), ISSN 1996-1065, Vol. 7 Issue 2, pp 9-22 – Link

9. Suhail, N. A., **Lubega**, J., and Maiga, G. (2013). Identification and Performance Analysis of Multimedia to Enhance Blended Learning Experience in Constrained Bandwidth Environment, Journal of Multimedia Technology (MT), ISSN: 2327-1086, Vol. 2, No. 3, pp. 25 – 32 – Link

10. Omoda-Onyait, G., **Lubega**, J. T. and Maiga, G. (2013). Requirements Framework for Personalized Real-Time Feedback in Interactive Agent-Based E-Learning Systems. In Cheung, S. K., Fong, J., Fong, W., Fu, L. W., and Kwok, L. F.: Lecture Notes in Computer Science, Springer-Verlag Berlin Heidelberg, ISBN: 978-3-642-39749-3 (Print) 978-3-642-39750-9 (Online), Vol.8038, pp. 290-300 – Link

11. Suhail, N. A., **Lubega**, J., and Maiga, G. (2012). Multimedia to Enhance Blended Learning Experience in Constrained Low Bandwidth Environment. In Cheung, S. K. S., Fong, J., Kwok, L., Li, K., and Kwan, R.: Lecture Notes in Computer Science, Springer-Verlag Berlin Heidelberg, ISBN: 978-3-642-32017-0,Vol.7411, pp. 317-328 – Link

12. Omoda-Onyait, G., **Lubega**, J. T., Maiga, G. and Angole, R. O. (2012). Towards an Interactive Agent-Based Approach to Real-Time Feedback in (IAARF) E-Learning System. In Cheung, S. K. S., Fong, J., Kwok, L., Li, K., and Kwan, R.: Lecture Notes in Computer Science, Springer-Verlag Berlin Heidelberg, ISBN: 978-3-642-32017-0,Vol.7411, pp. 362-372 – Link

13. Omona, W., Lubega, J. T. And van der Weide, T. (2012). Enhancing Knowledge Management Using ICT in Higher Education: An Empirical Assessment, Journal of Knowledge Management Practice, ISSN 1705-, Vol. 13, No. 3 – Link

14. Munguatosha, G. M., Muyinda, P. B. and **Lubega**, J. T. (2011): A social networked learning adoption model for higher education institutions in developing countries, On the Horizon: Emerald Journal, ISSN: 1074-8121, Vol. 19, No. 4, pp. 307-320 – Link

15. Muyinda, B. P., **Lubega**, J., Lynch, K. Weide, T. (2011). A Framework for Instantiating Pedagogic mLearning Applications. In C. Antonio and P. Pekka (Eds.): ICTAC-Theoretical Aspects of Computing. Lecture Notes in Computer Science, Springer-Verlag Berlin Heidelberg, Vol. 6916, ISBN 978-3-642-23282-4, pp. 194-217 – Link

16. Suhail, N. A. and **Lubega**, J. T. (2011). Optimization Technique for Implementation of Blended Learning in Constrained Low Bandwidth Environment. In Tatnall, A; Kereteletswe, O. C and Visscher, A.: IFIP Advances in Information and Communication Technology. Lecture Notes in Computer Science, Springer-Boston, ISBN: 978-3-642-19714-7, pp. 166-173 – Link

17. Onyait, G. and **Lubega**, J. (2011). E-Learning Readiness Assessment Model: A Case Study of Higher Education Institutions of Learning in Uganda. In Kwan, R.; Fong, J.; Kwok, l. and Lam, J.: Hybrid Learning. Lecture Notes in Computer Science, Springer-Verlag Berlin Heidelberg, ISBN: 978-3-642-22762-2, Vol. 6933, pp. 200-211 – Link

18. Suhail, N. A.; **Lubega**, J. and Maiga, G. (2011). Optimization Based Multi-media Performance to Enhance Blended Learning Experience in Constrained Low Bandwidth Environment. In Kwan, R.; Fong, J.; Kwok, l. and Lam, J.: Hybrid Learning. Lecture Notes in Computer Science, Springer-Verlag Berlin Heidelberg, ISBN: 978-3-642-22762-2, Vol. 6933, pp. 188-199 – Link

19. Omona, W., van der Weide, T. and **Lubega**, J T. (2010). Using ICT to enhance Knowledge Management in higher education: A conceptual framework and research agenda International Journal of Education and Development using Information and Communication Technology (IJEDICT), Vol. 6, Issue 4, pp.83-101 – Link

20. Muyinda, P.B., **Lubega**, J.T. and Lynch, K. (2010). Unleashing mobile phones for research supervision support at Makerere University, Uganda: the lessons learned, *International. Journal of Innovation and Learning*, ISSN: 1471-8197, Vol. 7, No. 1, pp.14–34 – Link

21. **Lubega**, J.T and Williams, S. (2009). Integrating Constructive Feedback in Personalised E-learning. In Wang, F.L.; Fong, J.; Zhang, L.; Lee, V.K.S. (Eds.):

Theoretical Computer Science and General Issues. Lecture Notes in Computer Science, Springer-Verlag Berlin Heidelberg, ISBN: 978-3-642-03696-5, Vol. 5685, pp. 218-229 – Link

22. Baguma, R., Stone, R., **Lubega**, J.T. and Van der Weide, T.P. (2009). Integrating Accessibility and Functional Requirements. In Jacko, J.A.; Stephanidis, C.; Harris, D.; Schmorrow, D.D.; Grootjen, M.; Karsh, B.-T.; Shumaker, R.; Zaphiris, P.; Ozok, A.A.; Duffy, V.G.; Kurosu, M.; Smith, M.J.; Salvendy, G.; Aykin, N.; Estabrooke, I.V. (Eds.) HCI International Series, Lecture Notes in Computer Science, Springer-Verlag Berlin Heidelberg, ISBN: 978-3-642-02944-8, Vol. 5610-56 – Link

23. Ayoo, P. O and **Lubega**, J. (2009). A Requirement Analysis Framework for Human Activity Systems (HAS): The Case of Online Learning. *International Journal of Computing and ICT Research (IJCIR),* ISSN 1996-1065, *Special Issue*, **3** (1): 12-25 – Link

24. Muyinda, B. P., **Lubega**, J., Lynch, K. (2009). A Model for Scaffolding Traditional Distance Learners in Africa for Constructivist Online learning. *MAJOHE, Vol. 2, 155-176.*

25. Baguma, R., Stone, R. G., **Lubega**, J. T. and van der Weide T. P. (2009). A framework for filtering web accessibility guidelines. W4A, ACM, Spain Madrid, 46-49, ISBN 978-1-60558-561-1 – Link

26. Baguma, R. and **Lubega**, J. T. (2008). Web Design Requirements for Improved Accessibility for the Blind. In Fong, J., Kwan, R and Wang, F L. (Eds.): Hybrid Learning and Education. Lecture Notes in Computer Science, Springer-Verlag Berlin Heidelberg, ISBN: 978-3-540-85169-1, Vol. 5169, pp. 392-403 – Link

27. Muyinda, B. P., **Lubega**, J., Lynch, K. (2008). The Mobile Research Supervision Initiative (MRSI) at Makerere University. *International Journal of Computing and ICT Research (IJCIR),* ISSN 1996-1065, *Special Issue*, **1** (1): 48-59 – Link

28. Baguma, R. and **Lubega**, J. T. (2008). A web design framework for improved accessibility for people with disabilities (WDFAD). W4A, ACM, New York, NY, 134-140, ISBN: 978-1-60558-153-8 – Link

29. **Lubega**, J and Williams, S (2006). A Study of Factors Contributing to Late Submission of Course Work, European Journal of Open, Distance and E-learning (EURODEL), ISSN: 1027-5207, 2006/1 – Link

30. **Lubega**, J.T, Sun, L. and Williams, S. (2005). A Design for Generating Personalised Feedback in Knowledge Construction. In Lau, R. W. H., Li, Q., Cheung, R. and Liu, W. (Eds.): Advances in Web-based Learning. Lecture Notes in Computer Science, Springer-Verlag Berlin Heidelberg, ISBN: 978-3-540-27895-5, Vol. 3583, pp. 302-310 – Link

31. Sun, L., **Lubega**, J. and William, S. (2004). Design for a Learner-Oriented Tracking. In Liu, W., Shi, Y. and Li, Q. (Eds.): Advances in Web-based Learning. Lecture Notes in Computer Science, Springer-Verlag Berlin Heidelberg, ISBN: 3-540-22542-0, Vol. 3143, pp. 155-162 – Link

32. Adams, A., **Lubega**, J., Walmsley, S and Shirley Williams, (2004). The Effectiveness of Assessment Learning Objects Produced Using Pair Programming. Electronic Journal of e-Learning (EJEL), ISSN: 1479-4403, pp. 247-256 – Link

7.3.   Book Chapters

33. Agaba, J and **Lubega**, J. (2011). E-Learning Software Acquisition for Blended Learning: The Case of Higher Institutions in Uganda with Limited Budgets. In Kizza, M. J., Lynch, K, and Nath, R.: Strengthening the Role of ICT in Development, Vol. VII pp. 378-393. ISBN: 978-9970-25-128-5.

34. Paul B. Muyinda, B. P., **Lubega**, T. J., Lynch, K and van der Weide, T. (2011). Learning Context of University Students in Africa: A Propeller or Inhibitor for Mlearning? In Kizza, M. J., Lynch, K, and Nath, R.: Strengthening the Role of ICT in Development, Vol. VII pp. 342-357. ISBN: 978-9970-25-128-5.

35. Kisa S., Kinyera, O. S., Twesigye, C. K., Oriada, R, Mugeni, B., Okumu, R. C., **Lubega**, J and Kasozi, J. (2011). A Methodological Information and Communication Technologies (ICTs) Approach for Demystifying the norm that Teaching of Mathematics and Science for Lower Secondary Education is hard. In Kizza, M. J., Lynch, K, and Nath, R.: Strengthening the Role of ICT in Development, Vol. VII pp. 169-181. ISBN: 978-9970-25-128-5.

36. Walter O., Theo Vav Der Weide, **Lubega**, J.T. (2010). Knowledge Management Research Using Grounded Theory Strategy: Applicability, Limitations and Ways Forward: An Awareness Campaign. In Kizza, M. J., Lynch, K, Aisbett, J, Nath, R. and Vir, P.: Strengthening the Role of ICT in Development, Vol. VI pp. 163-185. ISBN: 978-9970-25-015-8.

37. Zawedde, A., **Lubega**, J.T., Kidde, S. and Nakiyimba, I. (2010). Methodological Pluralism: An Emerging Paradigmatic Approach to Information Systems

Research. In Kizza, M. J., Lynch, K, Aisbett, J, Nath, R. and Vir, P.: Strengthening the Role of ICT in Development, Vol. VI pp. 99-128. ISBN: 978-9970-25-015-8.

38. Muyinda, P. B., **Lubega**, J. T., Lynch, K. and van der Weide, T. (2010). Mobile learning objects deployment and utilization in developing countries. In Sánchez, I. A. and Isaías, P.: Mobile Learning, pp. 116-123, ISBN: 978-972-8924-99-7.

39. Ayoo, P. and **Lubega**, J. (2009). Academic Applications of ICT in Developing Countries: the Case of East African Universities. In Cunningham, P. and Cunningham, M.: IIMC International Information Management Corporation, ISBN: 978-1-905824-11-3.

40. Lumala, A. F., Kanagwa, B., Quenum, J. and **Lubega**, J. (2009). Service-oriented Architecture as a Vehicle for ICT in Developing Countries: An Awareness Campaign. In Kizza, M. J., Lynch, K, Aisbett, J, Nath, R. and Vir, P.: Strengthening the Role of ICT in Development, Vol. V, pp. 14-34, ISBN: 978-9970-02-738-5.

41. Baguma, R., Stone, R. G., **Lubega**, J. T. and van der Weide T. P. (2009). Web Content Filtration According to Context of Use: Case Study of Accessibility Guidelines. In Kizza, M. J., Lynch, K, Aisbett, J, Nath, R. and Vir, P.: Strengthening the Role of ICT in Development, Vol. V, pp. 190-199, ISBN: 978-9970-02-738-5.

42. Nabende, P., Ahimbisibwe, B. and **Lubega**, J. (2009). Relationship between Information Systems Development Paradigms and Methods. In Kizza, M. J., Lynch, K, Aisbett, J, Nath, R. and Vir, P.: Strengthening the Role of ICT in Development, Vol. V, pp. 75-84, ISBN: 978-9970-02-738-5.

43. **Lubega**, J. and Niyitegeka, M. (2008). Integrating E-Supervision in Higher Educational Learning. 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. 351-358, ISBN: 978-9970-02-871-2.

44. Ayoo, P. O. and **Lubega**, J. (2008). Exploring the Implementation of Blended Learning in a Developing Country: A Case Study of Uganda. 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. 133-143, ISBN: 978-9970-02-871-2.

45. **Lubega**, J. and Ssozi, F. M. (2008). A Generic E-Learning Framework: A Case Study Faculty of Computing and Information Technology (CIT) Makerere University. 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. 340-350, ISBN: 978-9970-02-871-2.

46. **Lubega**, J. T., Sun, L. Williams, S. A. (2004). An Effective Tracking Model for Personalised e-Learning. ISBN: 0-9547096-7-5, pp. 181-188.

47. **Lubega**, J. T., Sun, L. and Williams, S. A. (2005). A Method for Personalised Tracking in Knowledge Construction. ISBN: 1-905305-13-3, pp. 217-226.

48. Williams, S., Baker, K., Sun, L., Fu, Y., Johns, K., Ousmanou, K. and **Lubega**, J. (2004). Example Uses of a Learning Object: In New Horizon in Web-Based Learning, edited by Ronnie Cheung, Rynson Lau and Qing Li, ISBN 981-256-029-7 pp 51-60.

49. **Lubega** J and Williams, S (2004). Patterns of Use when Interacting with a Managed Learning Environment. Educational Multimedia, Hypermedia & Telecommunications, ISBN: 1-880094-53-3, pp. 5001-5005.

50. **Lubega**, J., McCrindle, R., Williams, S., Ursula Armitage, Clements, I (2004). Uses of Mobile Phones in Higher Education. Educational Multimedia, Hypermedia & Telecommunications, ISBN: 1-880094-53-3, pp. 3951-3956.

51. Sun, L., Williams, S., Ousmanou, K and **Lubega**, J (2003). Building Personalised Functions into Dynamic Content Packaging to Support Individual Learners. ISBN: 0-9544577-4-9, pp. 439-448.

52. Bagarukayo, E; **Lubega**, J.T. and Mbarika, V. (2007). Enhancing the Attainment of Higher Order Cognitive Skills through Multi-Media E-Learning. ISBN: 978-1-905305-57, pp. 693.

7.4.   International Conferences

53. Muyinda, B. P., **Lubega**, J. and Lynch, K. (2008). A Model for Scaffolding Traditional Distance Learners for Constructivistic Online learning. *A paper presented at the 1st Regional Conference on E-learning.* Kenyata University, Nairobi, Kenya, 18th -20th November 2008.

54. Muyinda B. P., **Lubega**, J. and Lynch, K. (2008). An Evaluation of the Mobile Research Supervision Initiative (MRSI) at Makerere University. A paper presented at eLearning Africa 2008 Conference, Accra, Ghana.

55. **Lubega**, J. T. (2007). Information Communication Technology (ICT) for Development. International Conference on Science, Technology, Innovations and Development, Kampala, Uganda.

56. **Lubega**, J. T. (2007). Information Communication Technology (ICT) as a Driver for Development. International Conference on Science and Technology, Kyabongo Kampala, Uganda.

57. **Lubega**, J and Williams, S (2003). The Effect of Using a Managed Learning Environment on the Performance of Students. In the Proceedings of the International Workshop of Interactive Computer Aided, Villach, Austria.

Workshop and Poster Presentations

1. Guest Lecture at KIM University graduation ceremony on the 21st Century Educational Institution using Technology- March 2016

2. Training of Mozambique Higher Institutional Lecturers on E-Learning and its integration August 2010

3. Research Presentation of EANREO at the Workshop on 10 years of Revitalization of Inter University Council for East Africa,

4. Paper Presentation on E-Learning Opportunities and Challenges, Enhancing Modern University and Research Management Practices in Institutions of Higher Learning in Uganda, 2007, funded by NUFFIC

5. Paper Presentation on Blended Learning at University of Reading, Blended Learning Symposium, University of East London, 2003, funded by ESCalate.

6. Poster Presentation on Learning Technologies, University of Reading June 2002, Development of Teaching and Learning.

8. Membership to Bodies/Associations

- Chair for the Kampala ACM Chapter - 2011/2012
- Secretary to Kampala ACM Chapter – 2010/2011
- Member of the British Computer Society
- Member of the ACM
- Member of the E-Learning Guild
- Member of the Rotary Club of Kampala City Makerere

9. Supervision

- Completed PhD
    1. Baguma Rehema: - A web Design Framework for Improved Accessibility for People with Disabilities- **completed in 2010**

    2. Paul Birevu: - Deployment and Utilisation of Learning Objects on Mobile Phones (Award winner for Emerland and Uganda Communication Commission 2010) **completed in 2010**

    3. Nazir Suhail: - A Framework for Implementation of Blended learning in Low Bandwidth Environments: **completed in 2012**

    4. Drake Mirembe: - A model for security management in ambulatory wireless sensor networks (AWSN): **completed in 2015**

    5. Philip Ouma Ayo: - A Constructivist Framework for Personalized Online Learning Systems: **completed in 2015**

    6. Prossy Katumba: - Decision Enhanced Services in Water Asset Management: **Completed 2016**

    7. Enhancing Business Performance for Poultry Farming through Business Process Monitoring in Uganda (Rebecca Tumwebaze): **Completed 2016**

    8. Improving Reusability in Instructional Design: Adaptation of Learning Objects with Multi-Format Assets (Joab Agaba): **Completed in 2017**

    9. A decision enhancement studio for enabling evidence-based planning and monitoring in maternal health care service delivery (Hasifah Kasujja Namatovu): **Completed in 2018**

    10. Indigenous Knowledge and Food Security: Enhancing Decisions of Rural Farmers (Robert Tweheyo): **Completed in 2018**

    11. Software Agent-Based Model for Personalized Feedback Generation in E-Learning (Godfrey Onyait): **Completed 2018**

    12. Knowledge Management for the Industrialisation of Small Medium Enterprise in Resource Constrained Areas: A Case of the Dairy Sector in Uganda (Theodora M. Twongyirwe): **Completed 2018**

    13. Decision Enhancement Studio for Credit Facilitation and Input Supply for Agricultural Cooperatives In Uganda (Faith Ahabyona): **Finalising**

14. Enhancing Active Teaching and Learning Instructional Strategy for Primary Tutors in Uganda Through ICTs (Mugisha Annet Kajura): **In Progress**

- Supervised more than 12 Master Students to completion in the Faculty of Computing and Information Technology to completion. These include:

    1. Nakiyemba Safina: Optimising IT Potential: A Data Mart for The Credit Department of Post Bank Uganda Limited- **graduated in 2009**.

    2. Mukuru Peter: A Web Based System for Managing Software Assets- **graduated in 2010.**

    3. Jjumba Abdu Karim: A Web Based Tool for Telemetering and Billing in High Voltage Power Utilities- **graduated in 2010.**

    4. Kababure Edith: Computer Hardware Inventory Management and Control System - **graduated in 2010.**

    5. Wegulo Swaliki: A Framework for Securing Electronic Data in Institutions of Higher Learning- **graduated in 2010.**

    6. Nassiwa Annette: An ICT Security Audit. A Case Study of Uganda Electoral Commission **- graduated in 2010.**

    7. Etc...

- Supervised more than 3 Undergraduate Students' groups to completion in the Faculty of Computing
    o Group One: An E-Herbal Medical System
    o Group Two: CIT Electronic Library
    o Group Three: A Learning Object based E-Learning Environment

10. *Service to the University and Community*

University
- Acting Deputy Dean Graduate Studies and Research, Faculty of Computing and IT (2008-2011)

- Representative for the Dean CIT in Senate and Higher Degrees and Research Committee (2008-2011).

Community

- IT Consultant for Muteesa I Royal University and Member of the Think Tank

- Member of the NEMA Think Tank Committee on Industry and Technology (2011)

- Chair for the Committee to Revamp the Uganda Computer Society

- Improvement of Information Management for Fort Portal farmers through ICT under the project organized between RICNET, Nijmegen University and Makerere University Faculty of Computing and IT in 2009

- Integrating of ICT in Selected Primary and Secondary Schools in Uganda under the Community Outreach Project between Nijmegen University and Makerere University Faculty of Computing and IT in 2010

- Through Kampala City Makerere Rotary foundation I have participated in
  - Distribution of chairs to the disabled students
  - Participated in the Polio Vaccination

11. *Ethics*

- A committed and disciplined academician who is committed to duty and who acts as an ambassador for the Faculty and University in all spheres.

12. *Referees*

- Dr. Shirley Williams University of Reading School of Systems Engineering, Email: shirley.williams@reading.ac.uk, Tel: +44 (0) 118 931 8613

- Prof. Henk Sol, Faculty of Economics and Business (Business and IT) at Groningen Nederland Netherlands and the Technical University Delft, email: h.g.sol@rug.nl

- Dr. Joseph Ssewanyana, Makerere University Business School, email: jkssewanyana@cit.mak.ac.ug