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Education

Doctor of Philosophy Degree in Management Information Systems, *Auburn University* (Auburn, AL), 2000

Dissertation Title: "Telecommunications Stakeholders' Perceptions of Strategies to Overcome Teledensity Growth Obstacles of Africa's Least Developed Countries."

Dissertation Chair: Professor Terry Anthony Byrd

Awarded: William Holley, Jr. Outstanding Doctoral Student of the Year, College of Business, Management Department, Auburn University, 2000.

Master of Science Degree in Management Information Systems, *The University of Illinois at Chicago* (Chicago, IL), 1997

Awarded: Dean's Scholarship, University of Illinois at Chicago, 1996.

Bachelor of Science Degree in Management Information Systems, *United States International University* (Nairobi and San Diego, CA), 1995

Awards, Honors, and Other Recognition

- Recipient, Fulbright Scholar-in-Residence (SIR) Award, 2009.
- Recipient, National Science Foundation CAREER grant, 2006.
- Keynote Speaker, 2009 Center for the Development of Advanced Computing(CDAC) Telemedicine Workshop, Chandigarh, India, 2009.
- Keynote Speaker, 4th Annual International Conference on Sustainable ICT Capacity in Developing Countries, Kampala, Uganda, 2008.

- Keynote Speaker, 3rd Annual Lafayette ACACIA Conference, Lafayette College, PA, 2008.
- Keynote Speaker, 3rd Annual International Conference on Sustainable ICT Capacity in Developing Countries, Kampala, Uganda, 2007.
- Inductee and Life Time Member, Beta Gama Sigma International Honor Society.
- Faculty Award for Research, College of Business, Southern University, 2007.
- Nominated and Selected for Marquis Who Is Who in America, 2005.
- Nominated and Selected for Marquis Who Is Who of Emerging Leaders, 2006.
- Outstanding Faculty of the Year from LSU's Delta Sigma Theta Sorority, 2003.
- Faculty Advisor Service Award from LSU's Black Graduate and Professional Student Association (BGPSA), 2002.
- International Conference on Information Systems, Doctoral Consortium, 2000.
- Americas Conference on Information Systems, Doctoral Consortium, 1999.
- Dean's Scholarship Recipient, University of Illinois at Chicago, 1996.
- Outstanding Young Man of America Award, 1998.
- Outstanding College of Business Graduate Student Award, Auburn University, 1998-1999.
- Outstanding College of Business Graduate Student Award, Auburn University, 1999-2000.
- Outstanding Teaching Award, College of Business, Auburn University, 1998-1999.
- Outstanding Teaching Award, College of Business, Auburn University, 1999-2000.
- William Holley, Jr. Outstanding Doctoral Student of the Year, College of Business, Auburn University, 2000.
- KPMG Foundation Doctoral Scholar Award, 2000.
- Southern Regional Education Board Doctoral Scholar Award, 2000 - 2001.
- Granted over \$23,000 in research funding towards doctoral dissertation.
- Recognized by several independent publications on developmental issues, such as the *Journal of Digital Information* (Volume 5 Issue 4), which stated the following: "Mbarika has been in the forefront of academic research into ICT implementation in Africa, and has provided a theoretically-informed framework for understanding ICTs in less developed countries."

Relevant Professional Experiences

2007-Present: Founder and Executive Director

The International Center for Information Technology and Development (ICITD)
Southern University and A&M College, Baton Rouge, LA

- Lead over 10 research teams based in the US and other countries to develop theoretical frameworks that speak best to the realities of technology transfer to developing nations, as opposed to adopting "Western" based models of transfer.
- Mentor one post-doctoral scholar and several doctoral and masters students working for the Center.

2004 - Present: E-Business professor, Southern University and A&M College, College of Business, Baton Rouge, LA

Department of Management, Marketing, and E-Business

- Lead the launching of a new major in e-business (first e-business major offered at any public institution of higher learning in Louisiana).
- Provide leadership for the College's AACSB re-accreditation efforts.
- Teach Electronic Commerce and Database Management.
- Coordinate multiple student projects to develop business plans and analyze and develop e-business systems for local businesses.
- Support and consult with current and potential local businesses on e-business entrepreneurship and e-business marketing strategies.

2009-Present: Visiting Professor of Social Sciences

University of Buea, Cameroon

- Contribute actively in the teaching and research goals of the University
- Supervise doctoral students interested in information technology within the context of developing nations

2008-Present: Visiting Professor of Business Computing

Makerere University Business School

- Contribute actively in the teaching and research goals of the University
- Supervise doctoral students interested in information technology within the context of developing nations
- Support creation and implementation of the University's course management system

2006-Present: External Thesis Examiner

University of Mauritius, Reduit, Mauritius

- Provide assessments on the quality of examination questions prepared by the faculty as well as feedback on the quality of grading.

2003-2006: Ph.D. Dissertation Adviser

Stockholm University, Stockholm, Sweden

- Co-chaired and graduated a doctoral student as requested by the University, which had little expertise in the domain the student wanted to perform his dissertation research.

2001 - 2004: Assistant Professor of Information Systems

Louisiana State University, Baton Rouge, LA

E.J. Ourso College of Business Administration

- Appointed chair of Education and Academics: LSU African American Cultural Center

- Taught undergraduate and graduate courses, including Management of Information Resources, Data Communications/Networking, Dissertation Research, and Advanced Seminar Problems.

2000 - 2001: MBA Faculty. Asst. Professor of Computer Information Systems Management and Executive MBA. Columbus State University, Columbus, GA
Abbot Turner College of Business

- Taught undergraduate, graduate, and executive graduate courses, including Systems Analysis and Design, Management of Information Technology; Object-Oriented Analysis and Design; Computer Applications.

1998 - Present: Consultant and Research Fellow-- National Science Foundation Project Auburn, AL, Laboratory for Innovative Technology and Engineering Education (LITEE)

- Conducted research on the impact of multimedia in education and industry.

1998 - 2000: Doctoral Student Instructor
Auburn University, Auburn, AL

- Taught undergraduate courses, including Management of Telecommunications and Information Resource Management.

1998: MIS Instructor (Full Time)
Columbus State University, Columbus, GA

- Taught undergraduate courses, including Systems Analysis and Design and Introduction to Computer Information Systems.

1998: MIS Instructor
J. Sergeant Reynolds College, Richmond, VA

- Taught undergraduate courses, including Operating Systems and Hardware Architecture.

1998: MIS Instructor
U. S. Army (DOD), Fort Lee, VA

- Taught Computer Networking and Web Design.

1997: MIS Instructor
DEVRY Institute of Technology, Chicago, IL

- Taught Introduction to Computer Information Systems.

1996 - 1997: Research Assistant
University of Illinois at Chicago, Chicago, IL

College of Business Administration (Center for Management of Information Technology and Telecommunications).

- Provided research support for departmental faculty as well as assisted the webmaster to develop and maintain several websites across departments at the University.

Other Experience

2001 - Present: Founder and President

Cameroon Computer and Network Center (CCNC), Yaoundé, Cameroon

- Provide leadership on the different consulting and training services offered by the Center.

1996: Information Technology Specialist

UNISYS Corporation, Elk Grove, IL

- Performed hardware and software configuration for a Western Union money transfer project.

Courses Taught

Southern University and A&M College

- Information Systems Management (MBA Course), Fall 2007 & Fall 2006, Southern University and A&M College
- Management Information Systems, Fall 2007, Spring 2007, Fall 2006, Spring 2006, Fall 2005, Spring 2005, & Fall 2004, Southern University and A&M College
- Electronic Commerce, Fall 2005 & 2004, Southern University and A&M College
- Management of Business Data, Fall 2004, Southern University and A&M College

Louisiana State University

- Information Systems (MBA Course), Fall 2001
- Information Systems (Undergraduate Course), Spring 2004, Fall 2003, Spring 2003, Fall 2002, & Spring 2002.
- Data Communications and Networking (Graduate Course), Fall 2003
- Dissertation Research (Doctoral Course), Spring 2003, & Fall 2002

Auburn University

- Management of Communications, Spring 2000 & 1999, Auburn University
- Information Resource Management, Summer 1999 & Fall 1998, Auburn University
- Management of Telecommunications, Winter 1999 & Fall 1998, Auburn University

Columbus State University

- Systems Analysis and Design, Spring 2001, Fall 2000, & Fall 1999
- Object Oriented Analysis and Design, Fall 2000

Post Doctoral Mentoring Experience

I have employed and currently mentoring the following Post-Doctoral Scholars:

- Dr. Bangaly Kaba, Ph.D., Mentoring since 2007-Present
- Dr. Richard Boateng, Ph.D. Mentoring since 2008-Present

Advising Experience

Doctoral Students

- Chitu Okoli (Chair), Ph.D. in MIS (Completed), 2003
- Mengistu Kifle (Chair), Ph.D in MIS (Completed), 2006
- Stacie Nwabezie (Co-Chair), Ph.D. (Completed), 2009
- Sandra Stokes (Co-Chair), Ph.D. (In Progress)
- Sanjay Sood (Chair), Ph.D. (In Progress)
- Marsha Evans (Committee Member), Ph.D. (In Progress)
- Clive Tsuma (Co-Chair), Ph.D. (In Progress)
- Derkirra Wilkerson (Co-Chair), Ph.D. (In Progress)
- Tamiara Wade (Co-Chair), Ph.D. (In Progress)
- Jules Amougou (Co-Chair), Ph.D. (In Progress)
- Emilie Ebagarukayo (Co-Chair), Ph.D. (In Progress)
- Micheal Niyitegeka (Co-Chair), Ph.D. (In Progress)
- Samuel Eweni (Co-Chair), Ph.D. (In Progress)
- Ernestine Ning (Co-Chair), Ph.D. (In Progress)

Masters Students

- Carlos Thomas (Chair), M.S. in MIS (Completed), 2002
- Yvette Brooks (Chair), M.S. in MIS (Completed), 2003
- Theresa Plaisance (Chair), M.S. in MIS (Completed), 2003
- Amrita Pal (Chair), M.S. in MIS (Completed), 2004
- Patrick LeBlanc (Chair), M.S. in MIS (Completed), 2004
- Aster Solomon (Chair), M.S. in MIS (Completed), 2004
- Chitu Okoli (Committee Member), M.S. in MIS (Completed), 2002
- Brian Nichols (Committee Member), M.S. in MIS (Completed), 2004
- Fitsum Kebede (Committee Member), M.S. in MIS (Completed), 2004
- Jing Liu (Committee Member), M.S. in Experimental Statistics (Completed), 2004
- Pramod Prafulchand (Committee Member), M.S. in Systems Engineering (Completed), 2004
- Roy Mack (Committee Member), M.S. in MIS (Completed), 2005
- Oneurine Ngwa (Research Adviser), M.B.A. (Completed), 2009
- Frida Wada (Research Adviser), M.B.A. (Completed), 2008

Undergraduate Students

- Samantha Thomson (Honor's thesis supervisor), BSc. in International Business.

Publications

Published Books

- Kizza, J.M., Muhirwe, J., Aisbett, J., Getao, K., Mbarika, V., Patel, D. and Rodrigues, A. J. (Editors). *Strengthening the Role of ICT in Development*. Fountain Publishers: Kampala, Uganda, 2007.
- Sankar, C.S., Mbarika, V., & Raju, P.K. (2006). *Use of information technologies in businesses and society: learning through real-world case studies*. Anderson, SC: Tavenner Publishers.
- Raju, P.K., Sankar, C. & Mbarika, V. (2005). *POWERTEL case study: coverage of a larger area versus better frequency re-use in wireless communications*. Anderson, SC: Tavenner Publishers.
- Mbarika, V. (2001). *Africa's least developed countries' Teledensity problems and strategies*. Yaounde, Cameroon: ME & AGWECAMS Publishers.

Published Book Chapters

- Mbarika, V., Meso, P., & Musa, P.F. (2006). A disconnect in stakeholders' perception from emerging realities of Teledensity growth in Africa's least developed countries. In F. Tan, & M.G. Hunter (Eds.), *Advanced topics of global information management* (5th ed.). Hershey, PA: IDEA Group Publishing.
- Tan, J., Kifle M., Mbarika, V., & Okoli, C. (2004). E-medicine diffusion: e-medicine in developed and developing countries. In J. Tan (Ed.) *E-health paradigm shift: perspectives, domains and challenges*.
- Mbarika, V. (2003). The state of Teledensity diffusion in least developed countries: a review of the literature. In F. Tan, (Ed.), *Advanced topics in global information management* (Vol. 2). New York: Jossey-Bass (Imprint of Wiley).
- Mbarika, V. (2000). The Evolution of Information Technology at AUCNET USA: A Real-Time On- Line Auto Auction Company. In P.K. Raju, & C.S. Sankar (Eds.) *Bringing Theory, Practice, and Design Together in Engineering Classrooms: A Case Study Approach*. New Jersey: Prentice-Hall Publishers.

Refereed Journal Articles

- Kaba, B., Mbarika, V., N'Da, K. and Meso, P. (Forthcoming). Micro Factors Influencing the Attitudes toward and the Use of a Mobile Technology: A Model of Cellular Phones Use in Guinea. *IEEE Transactions on Professional Communication*.
- Mbarika, V. & Byrd, T.A. (Forthcoming). An exploratory study of strategies to improve Africa's Least Developed Economies' telecommunications Infrastructure: *The stakeholders speak*. *IEEE Transactions on Engineering Management*.
- Meso, P., Musa, P., Straub, D. and Mbarika, V. (Forthcoming). Information infrastructure, governance, and socio-economic development in Developing Countries. *European Journal of Information Systems*.
- Meso, P., Mbarika, V., Kaba, B. and McCline, R. (Forthcoming). Regional Differences in Stakeholders Perspectives on Strategies to Overcome Teledensity Limitations: An Exploratory Comparison of Selected Latin American and Sub-Saharan African Countries. *Journal of the American Society for Information Sciences and Technology*.
- Meso, P., Mbarika, V. & Sood, S. (Forthcoming). An overview of potential factors for effective TeleMedicine transfer to Sub-Saharan Africa. *IEEE Transactions on Information Technology in BioMedicine*.
- Kvasny, L., Cobb Payton, F., Mbarika, V. & Amadi, A. (2008) Gendered perspectives on IT education and workforce participation in Kenya. *IEEE Transactions on Education*, 51(2), pp. 256-261.
- Sood, S., Mbarika, V., Jugoo, S., Dookhy, R., Prakash, N., Merrell, R. & Doarn, C. (2007). What is TeleMedicine? 104 peer-reviewed perspectives and theoretical underpinnings. *TeleMedicine Journal and eHealth*, 13(5):573-90.
- Mbarika, V., Kah, M., Samake, K., & Sumrall, J. (2007). The diffusion of cyber cafés in Sub-Saharan Africa: country case studies. *IEEE Technology and Society*, 23(6), pp. 49-56.
- Bradley, R., Mbarika, V., Sankar, C., Raju, P.K., & Kaba, B. (2007). Using multimedia instructional materials in MIS classrooms: a tutorial. *Communications of the AIS*, 20(19), 1-39.
- Bradley, R., Sankar, C., Clayton, H., Raju, P.K., & Mbarika, V. (2007). An empirical investigation of the impact of GPA on perceived improvement of higher-order cognitive skills. *Decision Sciences Journal of Innovative Education*, 5(1), 151-168.

- Mbarika, V., Cobb-Payton, F., Kvasny, L., & Amadi, A. (2007). IT education and workforce participation: a new era for women in Kenya? *The Information Society*, 23(1), 1-18.
- Kifle, M., Mbarika, V., & Datta, P. (2006). Potential of TeleMedicine in Sub-Saharan Africa: impact of TeleOphthalmology on eye care in Ethiopia. *Journal of the American Society for Information Sciences and Technology*, 57(10), 1383-1393.
- Kifle, M., Mbarika, V., Datta, P. (2006). Interplay of cost and adoption of TeleMedicine in Sub-Saharan Africa: the case of TeleCardiology in Ethiopia. *IS Frontiers*, 8(3), 211-223.
- Cobb-Payton, F., White, S., & Mbarika, V. (2006). IRSS psychology theory: telling experiences among under-represented IS doctorates. *Decision Sciences Journal of Innovative Education*, 4(2), 191-213.
- Mbarika, V. & Mbarika, I. (2006, May). Africa calling: burgeoning wireless networks connect Africans to the world and each other. *IEEE Spectrum*, 43(5), 56-60.
- Datta, P. & Mbarika, V. (2006). A comparative global investigation of causal relationships between information infrastructure and service sector productivity. *The Information Society*, 22(3), 149-163.
- Meso, P., Datta, P., Mbarika, V. (2006). Moderating information infrastructure's effects on national development with good governance: a study of developing countries. *Journal of the American Society for Information Sciences and Technology*, 57(2), 186-197.
- Musa, P., Mbarika, V., & Meso, P. (2005). Calling for programmed technology transfer and adoption strategies for sustainable growth of world's LDCs. *Communications of the ACM*, 48(12), 111-116,
- McCoy, S. & Mbarika, V. (2005). Teledensity growth strategies for Latin America: the case of Colombia and Ecuador. *Communications of the Association for Information Systems (CAIS)*, 16(2), 26-56.
- Mbarika, V., Okoli, C., Byrd, T., & Datta, P. (2005). The neglected continent of IS research: a research agenda for Sub-Saharan Africa. *Journal of the Association for Information Systems (JAIS)*, 6(5), 130-170.
- Cobb-Payton, F., White, S., & Mbarika, V. (2005). A re-examination of the supply-side of IS doctorates: changing the face of the IS classroom. *Journal of the Association for Information Systems (JAIS)*, 6(1), 37-51.

- Musa, P., Meso, P., & Mbarika, V. (2005). Toward sustainable adoption of technologies for human development in Sub-Saharan Africa: precursors, diagnostics, and prescriptions. *Communications of the Association for Information Systems (CAIS)*, 15(33), 592-608.
- Meso, P., Mbarika, V., & Musa, P. (2005). An empirical investigation of exploratory factors of consumer uses of mobile information and communications technologies in Sub-Saharan Africa: precursors to M-Commerce. *Information Systems Journal (ISJ)*, 15, 119-146.
- Mbarika, V., Pal, A., Cobb-Payton, F., Datta, P., & McCoy, S. (2005). TeleMedicine diffusion in a developing country: the case of India. *IEEE Transactions on Information Technology in BioMedicine*, 9(1), 59-65.
- Mbarika, V. (2004). TeleMedicine in Africa: a possible panacea for Sub-Saharan Africa's medical nightmare. *Communications of the ACM*, 47(7), 21-24.
- Xue, Y., Sankar, C.S., & Mbarika, V. (2004, July). Information technology outsourcing and virtual team. *Journal of Computer Information Systems*, 45(2), 9-16.
- Mbarika, V. (2004). TeleEducation in Sub-Saharan Africa: a breakout approach to Sub-Saharan Africa's education dilemma. *IEEE Technology and Society*, 22(4), 20-26.
- Mbarika, V., Meso, P. & Musa, P. (2004.). A disconnect in stakeholders' perceptions from emerging realities of Teledensity growth in Africa's least developed countries. *Journal of Global Information Management*, 12(3), 1-20.
- Mbarika, V., Sankar, C.S., Raju, P.K. (2003). Role of multimedia instructional materials on multicriteria technology and engineering decisions. *Decision Sciences Journal of Innovative Education*, 1(2), 225-257.
- Mbarika, V., Sankar, C.S., Raju, P.K. (2003). Identification of factors that lead to perceived learning improvements for female students. *IEEE Transactions on Education*, 46(1), 26-36.
- Mbarika, V. (2003). Using a multimedia case study approach to communicate information technology concepts at the graduate level. *Journal of SMET Education*, 4(1), 1-9.
- Okoli, C. & Mbarika, V. (2003). A framework assessing E-Commerce in Sub-Saharan Africa. *Journal of Global Information Technology Management*, 6(3), 44-66.

- Mbarika, V., Kah, M., Meso, P., Musa, P., & Warren, J. (2003). Predictors of growth of Teledensity in developing countries: a focus on low and middle income countries. *Electronic Journal on Information Systems in Developing Countries*, 12(1), 1-17.
- Mbarika, V., Jensen, M., Meso, P. (2002). Cyberspace across Sub-Saharan Africa: from technological desert towards emergent sustainable growth. *Communications of the ACM*, 45(12), 17-21.
- Mbarika, V. (2002). Re-thinking information and communications technology policy focus on Internet versus Teledensity diffusion for Africa's least developed countries. *Electronic Journal on Information Systems in Developing Countries*, 9(1), 1-13.
- Mbarika, V., Raymond, J., Byrd, T.A. (2002). Growth of Teledensity in least developed countries: need for a mitigated euphoria. *Journal of Global Information Management*, 10(2), 14-27.
- Mbarika, V., Byrd, T. A., McMullen, P., & Musa, P. (2002). Teledensity growth constraints and strategies for Africa's LDCs: 'Viagra' prescriptions or sustainable development strategy. *Journal of Global Information Technology Management*, 5(1), 25-42.
- Mbarika, V., Byrd, T.A., Raymond, J., & McMullen, P. (2001). Investments in telecommunications infrastructure are not the panacea for least developed countries leapfrogging growth of Teledensity. *International Journal on Media Management*, 2(1), 133-142.
- Mbarika, V., Sankar, C.S., Raju, P.K., & Raymond, J. (2000). Importance of learning-driven constructs on perceived skill development when using multimedia instructional materials. *Journal of Educational Technology Systems*, 29(1), 67-87.

Papers Under Review

- Sood S.P., Negash, S. Mbarika, V.W.A., Kifle, M. & Prakash, N. (September 2007). Technology mediation in healthcare: telemedicine adoption in private and public hospitals in India, Submitted at *Elsevier's JSS*.
- Thompson, S., Conti, A., Eatmon, T. Mbarika, V. & Duggan, E. A theoretical framework for global diffusion of the Internet (GDI) in developing nations: the case of Jamaica. In Review: *Communications of the Association for Information Systems*.
- Okoli, C., Mbarika, V., & McCoy, S. Expert assessments of e-business in Latin America and Sub-Saharan Africa: a theoretical model of national infrastructure. In Review: *European Journal of Information Systems*.

LeBlanc, P., Mbarika, V., McCoy, S., & Meso, P. TeleDemocracy in developing countries: a focus on Sub-Saharan Africa. In Review: *African Studies Review*.

Kifle, M., Mbarika, V. & Cobb-Payton, F. Testing integrative technology (TeleMedicine) acceptance models among Ethiopian physicians. In Review: *The Information Society*.

Okoli, C. & Mbarika, V. E-business in developing countries: how much does culture really matter? In Review: *Journal of Management Information Systems*.

Mbarika, V., Datta, P. & Okoli, C. Extending the social identity of information systems: TeleMedicine transfer to Sub-Saharan Africa. In Review: *Journal of the Association for Information Systems*.

Mbarika, V., Samake, K., & Taylor, N. A framework-based assessment of Sub-Saharan Africa's internet readiness: Kenya and Ghana. In Review: *ACM Transactions on Internet Technology*.

Working Papers

Samake, K. & Mbarika, V. A theoretical framework for global diffusion of the Internet (GDI) in developing nations: the case of Uganda.

Rehakova-Whitehead, V. Mbarika, V., Nwabueze, S., Shu, J. & Wada, F. A theoretical framework for global diffusion of the Internet (GDI) in developing nations: The case of Czech Republic.

Samake, K. & Mbarika, V. A theoretical framework for global diffusion of the Internet (GDI) in developing nations: the case of Mali.

Mbarika, V., Akuta, E., Barika, E., Ebanga, C., & Jokwi, J. A theoretical framework for global diffusion of the Internet (GDI) in developing nations: the case of Cameroon.

Ngwa, O., Wada, F., & Mbarika, V. The unintended consequences of information technology in Africa.

Kaba, B., Mbarika, V. & Meso, P. Telecommunications stakeholder perceptions of Teledensity: a comparison of stakeholders in the Latin American region to those in Sub-Saharan Africa.

Wilkerson, D., Shu, J., Simmons, L., & Mbarika, V. Developments in distance learning technologies for Sub-Saharan Africa: the case of the African virtual university in Kenya.

Kaba, B., Mbarika, V. Understanding the factors influencing the attitude toward and the use of mobile technology in developing countries: a model of cellular phone use in Guinea.

Bagarukayo, E., Lubega, J. & Mbarika, V. Enhancing the attainment of higher order cognitive skills through multi-media e-learning.

Mbarika, V., Kifle, M., McCoy, S. & Okoli, C. A unified theory of acceptance and use of technology in developing countries: the case of telemedicine in Sub-Saharan Africa.

Kifle, M., Mbarika, V. & Okoli, C. Telemedicine transfer to developing nations: an infrastructure-based model.

Kifle, M., Mbarika, V. & Okoli, C. TeleMedicine transfer to developing nations: a culture-based model.

Mbarika, V. & Samake, K. A theoretical framework for global diffusion of the Internet (GDI) in developing nations: the case of Rwanda.

Samake, K. & Mbarika, V. A theoretical framework for global diffusion of the Internet (GDI) in developing nations: the case of Ethiopia.

Samake, K. & Mbarika, V. A theoretical framework for global diffusion of the Internet (GDI) in developing nations: the case of Eritrea.

Refereed Conference Proceedings

Boateng, R., Malik, A. and Mbarika, V. (2009). Web 2.0 and Organisational Learning: Conceptualizing the Link, *Proceedings of the Fifteenth Americas Conference on Information Systems*, San Francisco, California, August 6th-9th 2009.

Nwabueze, S., Mbarika, V., Meso, P., Okoli, C., Kifle, M., Shurtz, M. (2009). The Effects of Culture of Adoption of Telemedicine in Medically Underserved Sub-Saharan Africa. *Proceedings of the 42nd Hawaii International Conference on System Sciences*, January, 2009.

Bagarukayo, E. and Mbarika, V. (2008). Impact of Multimedia Instructional Materials on the Attainment of Higher Order Cognitive Skills: A Literature

Review. *SIGWEB- iiWAS*, ACM, New York, NY, pp. 642-646.

Ngwa, O., Mbarika V., Shu, J., Kudi, D. and Mbarika, I. (2008). The Unintended Consequences of Information Technology in Sub-Saharan Africa: International Conference on Information Systems (ICIS), SIG GlobDev Workshop, Paris-France, December 2008.

Lou, Y., Broussard, J., & Mbarika, V. (2008). A Multimetric Approach to Investigate the Impact of Multimedia Cases on Teaching and Learning of Real-World Information Technology Issues. *Proceedings of the Annual Conference of American Educational Research Association (AERA)*, March 7-11, New York.

Kingue, S., Bebey, F., Ashutantang, , G., Menanga, A., Gwet, N., Mbarika, V., Meso,P. and Muna, W. (2008). Do home blood pressure measurement and tele-management improve the efficiency of arterial hypertension control in an urban black African setting? *Proceedings of the African Conference on Information Systems (ICT for Africa 2008)*, December 19-21, 2008, Yaounde, Cameroon.

Kingue, S., Angandji, P., Meli, J., Asumpta, B., Ashutantang, , G., Menanga, A., Mbarika, V., Meso,P., Yop, G. and Muna, W. (2008). Impact of a telemedicine program on the management of arterial hypertension in a Cameroonian semi rural setting. A pilot study. *Proceedings of the African Conference on Information Systems (ICT for Africa 2008)*, December 19-21, 2008, Yaounde, Cameroon.

Wilkerson, D., Simmons, L. & Mbarika, V. (2008). TeleEducation Initiatives for Sub-Saharan Africa: The Case of the African Virtual University in Kenya. *Proceedings of the 2008 MERLOT International Conference*, Minneapolis, MN, August 7-10, 2008.

Sood. S., Nwabueze, S., Mbarika. V., Prakash. N., Chatterjee, S., Ray, P., and Mishra, S. (2008). Electronic Medical Records: A Review Comparing the Challenges in Developed and Developing Countries. *Proceedings of the 41st Hawaii International Conference on System Sciences*, January, 2008.

Kifle. M. Mbarika.V., Tsuma.C., Wilkerson. D., Okoli, C., and Tan.J. (2008). A TeleMedicine Transfer Model for Sub-Saharan Africa. *Proceedings of the 41st Hawaii International Conference on System Sciences*, January, 2008.

Kaba. B., Koffi. N., Mbarika. V. (2008). Understanding the Factors Influencing the Attitude Toward and the Use of Mobile Technology in Developing Countries: A Model of Cellular Phone Use in Guinea, *Proceedings of the 41st Hawaii International Conference on System Sciences*, January, 2008. (Nominated for Best Paper Award).

- Mbarika, V., Sankar, C.S., & Raju, P.K. (2007). An evaluation of a workshop with a focus on fostering teaching excellence through research, *Proceedings of the 2007 America's Conference on Information Systems (AMCIS 2007)*, Keystone, CO.
- Niwe, M., Mbarika, V., Samake, K., & Niyitegeka, M. (2007). Global diffusion on the Internet: the case of Uganda, *Proceedings of the 2007 America's Conference on Information Systems (AMCIS 2007)*, Keystone, CO.
- Broussard, J., Mbarika, V., & Lou, Y., (2007). The Impact of Multimedia Cases on Teaching and Learning of Real-World Technical Issues. *Proceedings of the Annual Meeting of Teaching in Higher Education (THE) Forum, Teaching in Touch*, April 15-17, Baton Rouge, Louisiana.
- Mbarika, V., Payton, F.C., Kvasny, L., & Amadi, A. (May 2007). Gendered perspectives on the digital divide, IT education and workforce participation in Kenya. *Proceedings of the 9th International Conference on Social Implications of Computers in Developing Countries*. International Federation for Information Processing (IFIP), São Paulo, Brazil.
- Mbarika, V., Kifle, M., & Tan, J. (May 2007). Telemedicine transfer in Sub-Saharan Africa: investigating infrastructure and culture. *Proceedings of the 9th International Conference on Social Implications of Computers in Developing Countries*, São Paulo, Brazil
- Mbarika, V., Samake, K., Akpan-Obong, P., Bradley, R., & Anthony Byrd, T. (May 2007). The Internet: an engine for socio-economic change in Mali. *Proceedings of the 9th International Conference on Social Implications of Computers in Developing Countries*, São Paulo, Brazil.
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- Mbarika, V., Sood, S.P., & Prakash, N. (13-18 August 2006). E-medicine healthcare information delivery to optimize the care of HIV/AIDS patients in Africa, *XVI International AIDS Conference*, Toronto Canada.
- Mbarika, V., Dani, N., Sood, S.P., Roy, S., Prakash, N., & Saquib, Z.. (23-25 August 2006). Geospatial technologies catalyzing eGovernance via public health. *eGovernance India (National Conference organized by Ministry of Communications and IT, UNDP etc)*, New Delhi, India.
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- McCoy, S. & Mbarika, V. (2004). A theoretical comparison of paper versus web survey methods. *Proceedings of the 2004 Hawaii International Conference on Systems Sciences*, Big Island, Hawaii.
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- Fleck, R.A., Bell, L., Daniels, M., & Mbarika, V. (2001). Educating the IT manager. *8th Annual Georgia Conference on College and University Teaching*, Kennesaw, GA.
- Mbarika, V., Sankar, C.S., Raju, P.K. (2001). An interplay of gender and multimedia instructional materials on enhancing higher-order cognitive skills, *Proceedings of the America's Conference on Information Systems (AMCIS 2001)*, Boston, MA.
- Mbarika, V. (2000). Telecommunications stakeholders' perceptions of strategies to overcome Teledensity growth obstacles of Africa's least developed countries. *Proceedings of the 2000 International Conference on Information Systems (ICIS 2000)*, Brisbane, Australia.
- Mbarika, V. (2000). Identification of factors that lead to perceived skill development when using multimedia materials. *Proceedings of the Sixth Americas Conference on Information Systems (AMCIS 2000)*, Long Beach, CA.
- Mbarika, V., Raymond, J., Byrd, T.A. (2000). Growth of Teledensity in least developed countries: need for a mitigated euphoria. *Proceedings of the 2000 Pacific Asian Conference on Information Systems (PACIS 2000)*, Hong Kong, China.
- Mbarika, V. (1999). Factors that affect growth of teledensity in least developed countries. *Proceedings of the 22nd Annual Conference on Information Systems Research in the Scandinavia (IRIS 22)*, Jyväskylä, Finland. pp. 383–396.
- Mbarika, V. (1999). An experimental research on accessing and using information from written versus multimedia systems. *Proceedings of the Fifth Americas Conference on Information Systems (AMCIS 1999)*, Milwaukee, Wisconsin.

Invited Papers and Papers Presented At Professional Meetings / Workshops

- Mbarika, V. (2009). A Multi-Metric Approach to Assess Impact of STEM Instructional Multimedia on Undergraduate Teaching and Learning Outcomes. *National Science Foundation, Arlington, VA. June 8, 2009.*
- Mbarika, V. (2009). Precursors to Telemedicine Diffusion in Resource-Poor Settings—The Case of Sub-Saharan Africa and Rural Louisiana. *UNCF/NIH E-Health Conference, National Library of Medicine, Bethesda, MD. June 16, 2009.*
- Mbarika, V. (2009). Research Publishing and Grant Writing Strategies. *The University of Buea, Cameroon. June 2009.*
- Mbarika, V. (2008). Strategies for Quality and Prolific Research Publishing within Resource-Poor Contexts. *Makerere University, Uganda. December 2008.*
- Mbarika, V. (2008). Emerging Technologies for Small Businesses. Presented at *Global Entrepreneurship and Export Readiness Seminar for Small Businesses, Baton Rouge, LA. November 2008.*
- Mbarika, V. (2008). Emerging Technologies (Five Most Intriguing Emerging Technologies). Presented at *Women's Business Forum, AKA Sorority. Baton Rouge, LA. August 2008.*
- Mbarika, V. (2007). ICTs Research Focus Areas for Sub-Saharan Africa. *CODESRIA Child and Youth Studies Institute. Senegal, October 2007.*
- Mbarika, V. (2007). Sub-Saharan Africa: the newest frontier for sustainable information technologies. *South by Southwest Conference, Austin, TX.*
- Mbarika, V. (2007). Setting the stage for a research agenda for ICT researchers doing research on Sub-Saharan Africa. *Ethiopia Graduate School of Telecommunications, Addis, Ababa.*
- Mbarika, V. (2007). Use of multimedia case studies to teach technical subjects — a multiple experimental study. *Ethiopia Graduate School of Telecommunications, Addis Ababa.*
- Mbarika, V. (2007). Multimedia case study adoption in a historically Black university setting and in Sub-Saharan Africa. *Auburn University, LITEE Conference, Auburn, AL.*

- Mbarika, V. (2006). TeleMedicine policy model for Sub-Saharan Africa. *Ethiopia Ministry of Health. TeleMedicine Policy Summit, Addis Ababa, Ethiopia.*
- Mbarika, V. (2004). Bringing back ICT knowledge to the diaspora: a research and practice perspective. *2004 Africa's Brain Gain Conference, Nairobi, Kenya.*
- Mbarika, V. (2004). A research agenda on ICT Transfer in Sub-Saharan Africa. *Makerere University's Institute of Computer Science and School of Business, Kampala, Uganda.*
- Mbarika, V. (2-4 October 2004). TeleMedicine transfer to Sub-Saharan Africa. *NSF National IT Policy Forum, Cairo, Egypt.*
- Mbarika, V. (2004). Infrastructure and culture variables that impact technology transfer in developing nations. *2004 Decision Science Institute (DSI) Conference, Boston, MA.*
- Mbarika, V. & Okoli, C. (2003). ICT transfer to developing countries: the case of TeleMedicine in Sub-Saharan Africa. *Mid-South Sociological Association (MSSA 2003) Conference, Baton Rouge, LA.*
- Mbarika, V. (2003). E-Survey and database project to measure multimedia learning. *Auburn University Laboratory for Innovative Technology and Engineering Education Workshop, Auburn, AL.*
- Mbarika, V. (2001). Re-thinking information and communications technology policy focus on internet versus Teledensity diffusion for Africa's least developed countries. *United Nation's International Telecommunications Union (ITU) TELECOM AFRICA 2001, Johannesburg, South Africa.*
- Mbarika, V. (2001). Multimedia learning and the IT manager. *AMCIS 2001 Information Systems in Enterprises Workshop, Boston, MA*
- Mbarika, V. (1999). An experimental research on accessing and using information from written versus multimedia systems. *1999 Ph.D. Project Information Systems Doctoral Students Association Conference (Ph.D. Project ISDSA 1999), Milwaukee, Wisconsin.*
- Mbarika, V. (September 1999). Use of paper versus multimedia case studies to bring theory and practice in undergraduate classrooms. *Auburn University Laboratory for Innovative Technology and Engineering Education Workshop, Auburn, AL.*

Grants and Other Sponsored Research

Grants Received

Principal Investigator (2009): National Science Foundation (NSF). Workshop Grant: US-Cameroon Collaborative Research and Education on E-medicine at University of Buea, Cameroon. ~\$41,000

Principal Investigator (2009): IRES: National Science Foundation (NSF). A US-Cameroon Collaboration for Information Technology in Healthcare (E-Medicine) Research in Resource-Poor Contexts. ~\$150,000

Principal Investigator (2008): National Science Foundation (NSF). A Multi-Metric Approach to Assess the Impact of STEM Instructional Multimedia on Undergraduate Teaching & Learning Outcomes. ~\$500,000

Principal Investigator (2008): National Science Foundation (NSF). Research Experience for Undergraduates. ~ \$12,000

Principal Investigator (2008): Louisiana Board of Regents.: *A Theoretical Model for Electronic Medical Records Adoption in Resource-Poor Settings: The Case of Rural Louisiana* ~ \$10,000 (Seed Grant).

Principal Investigator (2007): National Science Foundation (NSF). Research Experience for Undergraduates. ~ \$12,000

Principal Investigator (2007): National Science Foundation (NSF) CAREER Grant. *Information technology transfer to developing countries: an e-medicine model for Sub-Saharan Africa* ~ \$520,000

Principal Investigator (2007): NASA/UNCFSP. *Using Louisiana's supercomputer optical network (LONI) to optimize development, delivery and assessment of multimedia instructional technologies: implications for improving higher-order decision-making skills*~ \$ 90,000.

Principal Investigator with Moustapha Diack (2007): LONI. *Optimizing development, delivery and assessment of multimedia instructional technologies for e-business training: a multi-institutional study*; Center for Information Technology and Innovations. \$ 40,000

Co-PI with Solomon Negash (2007): Microsoft. *Determinants of social networks: ICT inhibitor and facilitator factors for youth groups in developing economies*. ~\$6,000

Principal Investigator (2003): National Science Foundation (NSF). *Adapting multimedia instructional materials to communicate engineering and information technology issues to business students.* ~ \$100,000

Principal Investigator (2006): Louisiana Board of Regents.: *A multi-metric approach to investigate the impact of multimedia technology on student learning* ~ \$10,000 (Seed Grant).

Principal Investigator (2005) Travel Grant from Louisiana Board of Regents, \$1,000

Core Faculty Senior Investigator (2005): National Science Foundation (NSF). *Establishing and sustaining faculty networks to bring real-world issues into engineering classrooms,* \$200,000.

Other Grants Related Activities

- International Reviewer: The National Priorities Research Program (NPRP) of the Qatar National Research Fund (QNRF), Government of Qatar, 2007
- Reviewer: National Science Foundation, CCLI Proposals, 2005
- Reviewer: Grant Proposals for Wayne State University (State of Michigan), 2005
- Consultant on NSF Grant: Laboratory for Innovative Technology and Engineering Education (LITEE), Auburn University, Since 2000.

Service

Service on Company/Organizational Boards

- Advisory Board Member, Prosys (www.prosys.com)
- Member, Board of Directors, AGWECAMS IT Solutions
- Member, Board of Directors, Old South Baton Rouge Neighborhood Partnership Inc., 2006
- Member, Board of Directors, The African Society for Information and Communications Technology

Academic Service at Southern University and A&M College

- Faculty Search Committee member for the Department of Economics and Finance, 2006.
- Faculty Search Committee member for the College of Business Endowed Chair in Entrepreneurship, 2006.
- Conducted faculty learning assessment seminar in preparation for AACSB re-accreditation, Spring 2006.
- Editorial Review Board member for the HBCU-UP SMART Program undergraduate research journal.

- Summer Instructor, Garrett Morgan/FORD-PAS Program: Preparing minority high school students for college-level business education, 2006.
- Summer Instructor, FORD-PAS Program: Preparing minority high school students for college-level business education, 2005.
- Information Technology Committee member.
- Scholarships Committee member.
- Student Athletes Academic Advancement Committee member.
- Committee Member to assess and further develop E-Business Curriculum.
- Committee Member: Assessment of Students' Learning (for AACSB re-accreditation), Since 2005.
- Committee Member: Faculty Development Committee, Since 2006.
- One of several faculty representatives at the 2004 Second Annual Minority Serving Institutions (MSI) Conference, Jackson, MS. Presented Southern University's New E-Business Program to Participants.
- Presented Southern University's E-Business Program to a Group of Business Representatives from Greater Baton Rouge, Fall 2004.
- Represented College of Business at gathering of greater Baton Rouge Businesses at the Baton Rouge Technology Park, Fall 2004.

Academic Service at Louisiana State University

- Founder and Coordinator: LSU Minority Business Students' Mentoring Program, 2003.
- Committee Member: Ph.D. Comprehensive Examination, ISDS Department, 2002 and 2003.
- College of Business Faculty Representative, KPMG Ph.D. Project, November 2002 in Chicago, IL.
- Faculty Mentor, LSU Chancellor's Future Leaders in Research (CFLR) program, 2003.
- Committee Member: NCAA Division I Committee on LSU's Athletics Re-Certification. Appointed by LSU's Chancellor, Mark Emmert.
- Chair of Education and Academics: African American Cultural Center (AACC) Governing Board. Appointed by LSU's Vice-Provost, since January 2002.
- Faculty Advisor, LSU Black Graduate and Professional Student Association (BGPSA), 2001-2003.
- Minority Graduate Student Recruiter, ISDS Department, College of Business.
- Member: Black History Month Planning Committee-- "LSU & the Black Experience: A Town Meeting." 2002.

Academic Service at Columbus State University

- Member of the Technology Improvement Committee, College of Business.
- Member of Faculty Recruiting Committee, Department of Financial and Information Systems, College of Business.

- Undergraduate Student Advising, Department of Financial and Information Systems, College of Business.

Other Professional Service

- Editor-in-Chief, *The African Journal of Information Systems*, 2007 - present.
- Conference Chair, *The First African Conference on Information Systems (ICT for Africa 2008)*, December 18-21, 2008.
- External Tenure and Promotion Reviewer for various Universities in the US and abroad.
- Conference Session Chair for Information Technology, *4th Annual International Conference On Computing And ICT Research - SREC08 2008*, Makerere University, Kampala, Uganda
- External Doctoral Dissertation Examiner:
 - The University of Southern Queensland, Australia, 2008
 - Makerere University, Uganda, 2008
- External Master's Thesis Examiner:
 - University of Capetown, South Africa, 2007
- Conference Session Chair for Information Technology, *3rd Annual International Conference On Computing And ICT Research - SREC07 2007*, Makerere University, Kampala, Uganda
- Organizing Committee Member: International Federation on Information Processing (IFIP 2007) Conference, Sao Paulo, Brazil.
- Co-Editor, *International Journal of Health Information Systems & Informatics*, 2005-present.
- Managing Editor, *International Journal CICT*, 2006-present.
- Associate Editor, *IEEE Transactions on Information Technology in Biomedicine*.
- Reviewer, *European Journal of Information Systems*
- Reviewer, *IEEE Transactions on Engineering Management*.
- Reviewer, *IEEE Transactions on Information Technology in Biomedicine*.
- Reviewer, *IEEE Spectrum*.
- Associate Editor, *International Conference on Information Systems (ICIS)*, 2006.
- Editorial Review Board Member, *Decision Sciences Journal of Innovative Education*, Since 2006.
- Editorial Review Board Member, *Journal of SMET Education*, 2002-present.
- Editorial Review Board Member, *Journal of Global Information Technology Management*, 2003-present.
- Editorial Review Board Member, *Electronic Journal of Information Systems in Developing Countries*, 2004-present.
- Co-Editor: Special Issue of the *Electronic Journal on Information Systems in Developing Countries (EJISDC)*. With Peter Meso, Scott McCoy, and Philip Musa.
- Organizing Committee Member: International Federation on Information Processing (IFIP 2005) Conference, Abuja, Nigeria.

- Workshop Chair: Bringing Real-World Issues into MIS Classrooms: A Multi-media Case Study Approach, 2005 Americas Conference on Information Systems (AMCIS); With Chetan Sankar and P.K. Raju.
- Workshop Chair: Multi-media Case Study Approach, 2004 Decision Science Institute (DSI) Conference.
- Workshop Chair: Africa Information and Communication Technology (ICT) Transfer Doctoral Seminar & Interactive Workshop 2007 (No. 1) Friday, April 27th to Sunday, April 29th.
- Workshop Chair: Africa Information and Communication Technology (ICT) Transfer Doctoral Seminar & Interactive Workshop 2007 (No. 2) Wednesday, October 31st.
- Workshop Chair: Africa Information and Communication Technology (ICT) Transfer Doctoral Seminar & Interactive Workshop 2008 (No. 3) Saturday, March 2nd.
- Organizing Committee Member: Information Resource Management (IRMA 2004) Conference, New Orleans, LA.
- Advisory Board Member, Africa Brain Gain since 2003.
- Minitrack Chair: Information and Communications Technology in Developing Countries, Americas Conference on Information Systems (AMCIS 2003); With Peter Meso, Scott McCoy, and Philip Musa.
- Minitrack Chair: Information and Communications Technology in Developing Countries, Americas Conference on Information Systems (AMCIS 2004); With Peter Meso, Scott McCoy, and Philip Musa.
- Workshop Chair: Multi-media Case Study Approach, Americas Conference on Information Systems (AMCIS 2002); With Chetan Sankar and P.K. Raju.
- Workshop Chair: Multi-media Case Study Approach, Americas Conference on Information Systems (AMCIS 2004); With Chetan Sankar and P.K. Raju.
- Organizing Committee Member: IS Tenure Project.
- Reviewer, *Information Technologies and International Development Journal* (MIT Press).
- Reviewer, *Journal of Global Information Management*.
- Reviewer, *Electronic Journal of Information Systems in Developing Countries*.
- Reviewer, *Information Technology for Development*.
- Reviewer, *Information Technology and People*.
- Reviewer, *Communications of the AIS*.
- Reviewer, *Journal on E-Government*.
- Reviewer, International Conference on Information Systems (ICIS).
- Reviewer, Americas Conference on Information Systems (AMCIS).
- Reviewer, Decision Sciences Institute Conference (DSI).
- Reviewer, 2nd Annual International Conference on Sustainable ICT Capacity in Developing Countries, Kampala, Uganda, August 2006.

Community Service

- Instructor for Junior Achievement Program, 1998.
- Board Member, Old South Baton Rouge Neighborhood Partnership, 2006.
- Coordinated five student groups that developed and implemented websites for several small local businesses, Spring 2005.
- Faculty representative, 2002 Martin Luther King Day of Service in Baton Rouge.

Organizational Memberships

- Member of the Ph.D. Project, since 1998.
- Member of the Association of Information Systems, since 1999.
- Member of the Information Resources Management Association, since 1999.
- Member of the Institute of Electrical and Electronics Engineers, since 2000.
- Member of the American Society of Information Sciences and Technology, 2006.
- Founder and President of the "All Nations Youths for Jesus" ministry (a nondenominational Christian youth ministry based in various provinces of Cameroon and Kenya) since May 1991.

Languages

Fluent in English, French, Pidgin and Metta.

International Travel

Traveled to / lived in: Brazil, Belgium, Cameroon, Canada, China, Congo, Egypt, England, Ethiopia, France, Germany, Hawaii, Hong Kong, India, Jamaica, Japan, Kenya, Mexico, Netherlands, Nevis Island, Nigeria, Puerto Rico, Rwanda, St. Kitts Island, Senegal, South Africa, Switzerland, Tanzania, Uganda, United States.

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References

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