

The Principal, College of Agricultural and Environmental Sciences to present the following for the Conferment of the Degree of Doctor of Philosophy

MWIINE Norbert Frank
(*Environment and Natural Resources*)

Dr. Mwiine researched on foot-and-mouth disease, a devastating disease of livestock and wildlife animals in Uganda. He investigated on the serotype-specificity of antibodies against foot-and-mouth disease viruses particularly in cattle in different geographic localities of Uganda. He identified foot-and-mouth disease virus antibodies against serotype O, followed by serotypes A, SAT 1, SAT 2 and SAT 3 a very strong indication of these causative agents of disease. These results have implications on foot-and-mouth disease control and economic policy strategies for Uganda. Dr. William Olaho-Mukani and Dr. Kirsten Tjørnehøj supervised this work. The research was funded by DANIDA.

NYADOI Priscilla (Ms)
(*Forestry*)

The Principal, College of Engineering, Design, Art and Technology to present the following for the Conferment of the Degree of Doctor of Philosophy

SENDEGEYA Almas
(*Technology*)

The Principal, College of Computing and Information Sciences to present the following for the Conferment of the Degree of Doctor of Philosophy

TIBENDERANA Prissy Gaijirenda Kateete (Ms)
(*Information Systems*)

TIBENDERANA, Prissy (PhD, Information Systems, 2011) Citation. Mrs. Tibenderana's study concerns the adoption and use of hybrid library systems with emphasis on Developing Countries. She designed, applied and validated an Electronic Library Services Acceptance and

Use Model (ELSAUM) based on Venkatesh et al. (2003)'s theory. Results show that university communities in Uganda are inclined to adopt and use electronic library services due to social demands, relevance of the services, and benefits expected from the services. The study was fully funded by "i@mak.com", and supervised by Assoc. Prof. Patrick J. Ogao, Prof. Janet Aisbett and Prof. Robert J. Ikoja-Odongo

The Principal, College of Education and External Studies to present the following for the Conferment of the Degree of Doctor of Philosophy

BILALI Athmani
(*Educational Planning, Administration and Management*)

MULUMBA Bwanika Mathias
(*Educational Planning, Administration and Management*)

Mr. Mulumba Bwanika Mathias investigated the management of language education programmes in university teacher education. Using both qualitative and quantitative approaches, he found out that the programmes were inadequately planned, insufficiently supervised, and lacked adequate resources; which significantly affected the training of language teachers. The output of the study led to the introduction of the Professional Analysis Theory meant to address the current situation in language teacher training. The study was partly funded by Makerere University (Waiver) and supervised by Dr. James L. Nkata and Dr. Fred Masagazi Masaazi.

NSOOKWA John Chryzostom
(*Education*)

Nsookwa, John Chryzostom (PhD Kiswahili Literature 2011)

Mr. Nsookwa investigated metaphorical implications of Kiswahili and Luganda proverbs that use symbols. These types of proverbs, he discovered, use basically two symbol, he found out that when used, the first symbol is highly related to the second and this makes the proverb applicable to various instances in the life of man. Typologies of major themes from Kiswahili and Luganda proverbs were made, and they attracted numbers of proverbs that contributed to the same ideas to a theme in regard to Kiswahili and Kiganda. This proved the concept

that languages which share a similar environment the use of same philosophy comes out in one way or another. Professor Chacha Nyaigotti Chacha was the supervisor and financial support provided by Carnegie Corporation, New York

The Principal, College of Health Sciences to present the following for the Conferment of the Degree of Doctor of Philosophy

TUKAHEBWAMuheki Edridah (Ms.)
(*Public Health*)

The Principal, College of Natural Sciences to present the following for the Conferment of the Degree of Doctor of Philosophy (Science)

KTIUTU Kimono Mary Goretti (Ms)
(*Science*)

This study assessed the factors that influence landslide occurrences in Bududa District and their impacts on to the livelihood of the people. The methods used were field measurements, interviews, laboratory analysis and Geographical Information Systems modeling. The study revealed that the volume of debris displaced from ninty eight landslides was 11 million m³ and this was deposited into rivers and streams. Twenty nine of these landslides dammed rivers resulting in destruction of bridges and roads. The main landslide types are debris slumps and they occur on concave slopes between slope angles of 140 to 410. Slopes facing north-east are most prone to landslides which coincide with the dominant rainfall direction. The knowledge from farmers' is almost similar to scientific observations. The top soils have a high infiltration rate which allows fast flow of water into the deeper clay rich horizons promoting water stagnation causing slope failure. The main triggering factor is rainfall. The volumes of soil sediment from landslides in future can be four times higher than what was observed in 1997 (44,000,000 m³). This study was supervised by Professor Dr. Poesen Jean, Professor Dr. Seppe Deckers and Dr. Muwanga Andrew. The International Union of Conservation of Nature and Belgian Government are acknowledged for providing the initial support in field surveys.

SEKABIRA Kassim

(Science)

Mr. Sekabira Kassim examined heavy metal pollution in urban drainage systems and wetlands ecosystems. He established that there were heavy metals in urban drainage systems due to terrigenous influx and anthropogenic activities such as industrial and vehicular emissions. He also established that there is accumulation of contaminants in food stuffs grown in urban wetlands. He recommends the use of plants in bio-monitoring and phytoremediation of heavy metal contaminants. This study was funded by Kampala International University and supervised by Prof. H. Oryem-Origa, Dr. Ateenyi Twaha Ali Basamba, Assoc. Prof. Dr. Gerald Mutumba and Assoc. Prof. Dr. Esther Kakudidi.

The Principal, School of Veterinary Sciences to present the following for the Conferment of the Degree of Doctor of Philosophy

MUGISHA Lawrence

(Veterinary Medicine)

Mugisha studied viral pathogens and their phylogenetic relationship of semi-captive chimpanzees. He also evaluated effectiveness of vaccination of chimpanzees against measles and polioviruses using human-based vaccines. Studied chimpanzees were infected with multiple viral pathogens with potential for inter- and intra-species transmission including the novel viral pathogens. Findings of these viral pathogens coupled with the close phylogenetic relationship between chimpanzees and humans plus high levels of interactions during sanctuary operations, presents a high potential for cross transmission of these pathogens. Hence, recommends the need for close monitoring of sanctuary apes for viral pathogens in routine management, re-introduction and improvement of occupational health and safety protocols to minimize risks of pathogen exchange. The study was supervised by Prof. Opuda-Asibo, Prof. Joseph Olobo and Prof. Georg Pauli with financial support from In-Country DAAD Scholarship.