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PROF. ERIABU LUGUJJO

PERSONAL PROFILE

Prof. Eriabu Lugujjo, born on 10th June, 1944 in Uganda is a Professor and an Engineer. He is currently the Executive Director of The Uganda Vice Chancellors' Forum. He obtained a first-class BSc. degree in Mathematics and Physics from the University of East Africa, Makerere University Uganda (1969). He undertook his graduate studies leading to MSc (1971) and PhD (1974) degrees both in Electrical Engineering at California Institute of Technology (CalTech), USA. His academic, research and Administration career has spanned over 55 years, 38 of which he dedicated his service to Makerere University, Uganda. In his early academic career, Prof. Lugujjo pursued his Postdoctoral research (1974) at Bell Labs, New Jersey (USA) specialising in Meta-semiconductor systems using ion channelling techniques. In 1969, he was a founder researcher in the area of ion implantation, electron hole droplets, silicates, solid epitaxy, backscattering and channelling all of which have led to the advances in semiconductor devices technology.

Prof. Lugujjo has had a long leadership track record. He is currently the Executive Director of the Uganda Vice Chancellors' Forum. He previously served as Vice Chancellor, Ndejje University for ten and half years , Dean of the then Faculty of Technology, Makerere University for a period 10 years, Head of Department, Electrical Engineering, Makerere University (15 years), Member of Senate, and Makerere University (15 years) and during his time as the a Senate representative, he was the only male that served in the committee that established women studies at Makerere University. He utilised his leadership position as Dean to be the lead negotiator with UNDP/UNESCO for projects to support the rehabilitation and reconstruction of Faculty of Technology at Makerere University. Further, he participated in the advancement of Information Technology at Makerere University in particular supporting the growth of the Directorate of Information Technology (DICTS) that has now helped to transform Makerere University into an information hub in Uganda and the region. As Dean, he focused his attention to the delivery of graduate training that had hitherto been non-existent at the Faculty of Technology. It is during his tenure that first graduate programmes were introduced.

Prof. Lugujjo has actively served in the science, technology and innovation policy environment in Uganda and Africa region. He was a member of the Education Policy Review Commission that produced the First Education White Paper (1992). He also served in the second Education Policy Review Commission that sought to revive and revamp higher education in Uganda. In this Commission, he was the only surviving member of the First Education Policy Review Commission. Prof. Lugujjo also served as a member on the committee that established the first Science, Technology and Innovation Policy for the Uganda National Council of Science and Technology. Committed to ensuring skills advancement at all levels in Uganda, he served as a committee member in the development of the first TVET Policy in Uganda. The policy was translated into the TVET Act, 2008. In order to translate the policy into reality, Prof. Lugujjo served as a committee member in the drafting of the Skilling Uganda Strategic Plan inaugurated in 2012. This plan recognises the various levels of qualification, prior learning and competence-based education and training processes.

Prof. Lugujjo has had a focused attention on institutional governance. Accordingly, he has served in various capacities in Boards championing quality institutional management. He served as Chairperson of Industrial Training Council in Uganda for 10 years, Board Member Uganda National Bureau of Standards (06 years), He was also the Chairperson of the UNESCO Board in Uganda(15 years), and also Chairperson of Board of Trustees of Uganda Private Vocational Institutions. Prof. Lugujjo has been

associated with UNESCO as Uganda's alternate delegate since 1983. He rose to the position of representing Uganda on Executive Board of UNESCO.

twice from (1998-2001) and (2005-2009) and during that time, he chaired the International Science Commission, twice during the General Conferences. In the early 1980s, he was instrumental in the formation of the African Network for Science and Technology Institutions (ANSTI) that was focused at fostering progress of science and technology in East Africa.

In his service to education, Prof. Lugujjo has been an active reformer. Upon returning from his doctoral studies and amidst political turmoil in Uganda at the time, he recognised that there was a need for quality teaching in science; handled a crusade in science teaching in particular physics and mathematics. This saw a demystification of physical sciences in Uganda, attracted more female students into the discipline of physical sciences leading to increased enrollment in science and engineering. He served in the UNESCO Committee that was setup by the Director General of UNESCO on the Renewal of Science and Technology in Africa. He was a National Coordinator of the Committee of Science and Technology under the CASTRAFRICA programme. In the championing of mathematics in Uganda, he actively served as a member of a Task Force that worked on "the Role of Mathematics Training in National Development (1998-1999). He was also Chairperson of the Task Force for Development of a Strategic Plan for Establishment of the Uganda Qualification Framework and a focused advocate for the application of Technical and Vocational Education and Training (TVET) in the modernisation of agricultural practices and development including agribusiness and entrepreneurship.

Prof. Lugujjo has strengthened partnerships for advancement of university education. He authored a book "The Management of University Industry Relations" published by International Institution of Educational Planning-IIEP (UNESCO) September 2000 - ISBN: 92-803-1194-8). He has had Consultancy engagements with: Economic Commission for Africa (ECA), World Bank, Klohn Leonoff-Canada, UNDP, Gatsby, GTZ now GIZ, and International Development Cooperation, Ministry of Water and Environment, Ministry of Energy and Mineral Development, Uganda National Roads Authority, Military Hospital-Bombo, Uganda, Inter-University Council of East Africa, Association of African Universities, Regional Universities Forum for Capacity Building in Agriculture(RUFORUM), Regional Educational Network Uganda(RENU), linkage with the Chinese Embassy, Window Trust International, host of German Universities, Southern Illinois University, Sustainable Development Solutions Network, and Fellowship of Born Again Christians among others.

As a long serving research, scientist and leader, Prof. Lugujjo has not forgotten the value of community service and service to humanity. He served as the President of Rotary Club of Kampala North, 1994-1995, Director of Community Service, 1992-1993, Director of Vocational Service, 1991-1992 and has been a Career and Guidance Enthusiast to High School and College Students in Uganda.

Prof. Lugujjo remains an active academician and researcher with a strong research and teaching interest in electrical materials, solid state devices, electromagnetism and fields. He still remains interested in the application of charged particles to the study of solid-state problems related to semiconductor materials and devices. (Ion beam analysis of materials), renewable and rural Electrification, electromagnetic propagation and the impact of technology policies aimed at fostering and accelerating development, exploiting and deployment of indigenous technologies in national development.

Currently serving as the Executive Director of the Uganda Vice Chancellors' Forum, he is committed to enhancing the visibility and relevance of the Forum by ensuring it effectively fulfills its mandate as a bridge between universities and government—particularly in the development of policies and

regulatory frameworks. In light of the rapid expansion of higher education institutions in Uganda, he emphasizes the critical need for deliberate strategic planning, especially in capacity building, to guarantee quality delivery of education, as well as the efficient deployment and utilization of resources.