

# CURRICULUM VITAE

**1.1. Name;** Dr. Edson Ishengoma

**1.2. Title;** Lecturer

**1.3. Status;** Full time

**1.4. Qualifications**

- Academic qualifications:
  - BSc. Aquatic Sciences & Environmental Conservation, University of Dar-es-salaam (November 2006)
  - MSc. (Marine Biology), University of Dar-es-salaam: (November 2009)
  - PhD (Evolutionary Genomics), Nelson Mandela African Institution of Science and Technology (December 2017)
  
- Membership (s) to Professional Bodies:
  - i. Member Western Indian Ocean Marine Science Association (WIOMSA).
  - ii. Member African Society of Human Genetics (AfSHG)
  - iii. Member Tanzania Genome Network (TGN)

**1.5. Lecturing/Teaching Experience-** Mkwawa University College of Education (BL 111: Introductory Cell Biology and Genetics and ZL 124: Developmental Biology).

**1.6. Research/Consultancy Undertaken in Last 5 Years:**

**1.6.1 Research Publication**

- **Ishengoma, E. B.**, Jiddawi, N. S., Tamatamah, R. A., & Mmochi, A. J. (2011). Wild black-lip pearl oyster (*Pinctada margaritifera*) spat collection in Tanzania. *Western Indian Ocean Journal of Marine Science*, 10(1):49-57.
- Agaba, Morris, **Edson Ishengoma**, Webb C. Miller, Barbara C. McGrath, Chelsea N. Hudson, Oscar C. Bedoya Reina, Aakrosh Ratan et al. (2016). Giraffe genome sequence reveals clues to its unique morphology and physiology. *Nature communications* 7.
- **Ishengoma, E.** and Agaba, M., 2017. Evolution of toll-like receptors in the context of terrestrial ungulates and cetaceans diversification. *BMC Evolutionary Biology*, 17(1):54.

- **Ishengoma, E.**, Agaba, M. and Cavener, D.R. (2016). Evolutionary analysis of vision genes identifies potential drivers of visual differences between giraffe and okapi. Accepted. *PeerJ*.

### **1.6.2 Consultancy/Conferences**

- 2013 Advanced Bioinformatics Workshop: Next Generation Sequencing and Application to Infectious Diseases 22-28 August International Livestock Research Institute, Nairobi, Kenya
- 2014 Workshop on Genomics and Bioinformatics 26-31 January, Nelson Mandela African Institution of Sciences and Technology, Arusha Tanzania.
- 2016 9<sup>th</sup> Conference of the African Society of Human Genetics: Reinforcing Capacity in Human Genetics in Africa 15-17 May, Dakar, Senegal.

### **1.6.3 Reviewed for**

- *Heredity*
- *Molecular Ecology*
- *International Reviews of Immunology*