



Name: Tumwebaze Immaculate, B.Sc.

Current Appointment: I am a student (Master of Science Biology; Natural resource conservation and management)

Mbarara University of Science and Technology

P.O. Box, 1410,

Mbarara- Uganda

I am also a science teacher (Chemistry)

Maryhill High School

P.O Box, 380,

Mbarara-Uganda

E-mail: tumwebazeimmaculate@gmail.com

Area of Research/Teaching

My research interests range from basic to applied topics in aquatic science. I am interested in neglected tropical diseases (water-borne), evolution and biogeography of freshwater invertebrates. My current project is about ‘prevalence, diversity and genetic characterisation of intermediate hosts and schistosomiasis risk in crater lakes in western Uganda’.

I have recently been teaching a course unit to the undergraduates, at my University, about animal kingdom, as one of the assignments as a masters’ student. In addition, I am also a science teacher, currently teaching chemistry at the high school level.

Biography

Tumwebaze Immaculate is a Ugandan Citizen, aged 27 (Born 13th, April, 1989).

I graduated in 2014 with a degree of Bachelor of Science with education (Second class upper; CGPA 4.17), of Mbarara University of Science and Technology (MUST). I am now pursuing a second degree of Master of Science in Biology, specifically, natural resource conservation and management at MUST.

I participated in a 2013 international field school -as one of very few selected participants country-wide- that occurred in Uganda and this has made me develop an ambition to pursue a career in aquatic science. My two research projects, one accomplished for a bachelor’s degree and the second for a master’s degree (still ongoing), are both on water issues. My experience in the international field school enabled me to appreciate opportunities of meeting and interacting with people of different tribes, races, education backgrounds and personalities among others. It also gave me a chance to realize how important, efficient networking on both regional and international levels is. I learned to develop research projects and to implement them under challenging African conditions. My most exciting moment was last year when I boarded a plane to Germany for a one month introductory course at Justus Liebig University Giessen (JLU), Germany. It really opened my mind and paved the way to new ideas and projects in the field of freshwater biology.

In future, I look forward to becoming a great researcher and consultant as well as a lecturer in higher institutions as I continue to work with people to publicize the value of natural resource conservation (sustainable management), specifically in the aquatic sector. I am an open-minded, ambitious, hard working ambivert, with a reasonable intrinsic motivation of becoming a successful independent woman, who would be influential in the society.



Immaculate Tumwebaze (Mbarara, Uganda)

Educational Background:

- B.Sc. (Biology and Chemistry)

Current Appointment:

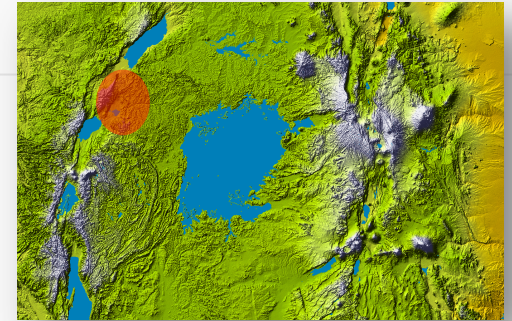
- M.Sc. (Biology) student at Mbarara University of Science and Technology (MUST), Uganda
- Teacher at Maryhill High School Mbarara, Uganda

Research Interests & Accomplishments:

- Aquatic ecology and conservation
- Water-borne diseases
- Biogeography and evolution of freshwater invertebrates
- International cooperation in East Africa and internationally (JLU Giessen, Germany) accomplished

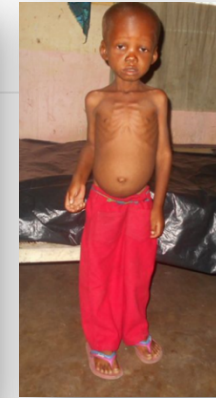
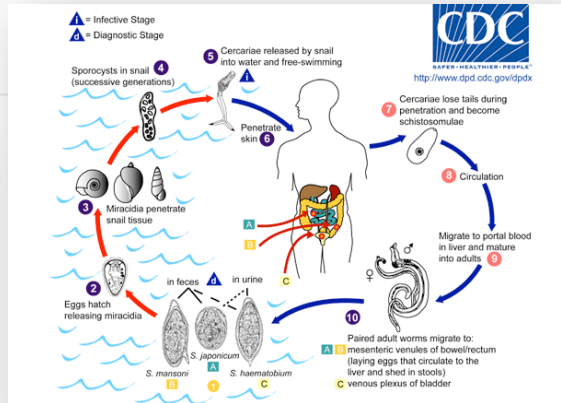
Educational Interests:

- PhD in aquatic sciences
- Research and teaching the importance of aquatic resources, water-borne diseases and freshwater conservation at university level





Current Research



PREVALENCE, DIVERSITY AND GENETIC CHARACTERISATION OF INTERMEDIATE HOSTS AND SCHISTOSOMIASIS RISK IN CRATER LAKES IN WESTERN UGANDA

