**MAKERERE UNIVERSITY**

**MSC RESEARCH OPPORTUNITY**

**THEME: INTEGRATED AQUACULTURE SYSTEMS IN UGANDA**

The Department of Zoology, Entomology and Fisheries Sciences (<http://zoology.mak.ac.ug> ) with support through a RUFORUM(<https://www.ruforum.org)and> Carnergie Foundation (<https://www.carnegiefoundation.org/about-us/>) Post-doctoral fellowship is carrying out research activities that will contribute to improvement in the areas of fish feed formulation, fish production and value addition through integrated farming system and multidisciplinary approaches. In view of the above goal, applications are therefore invited from suitably qualified graduate students to be part of this post-doctoral fellowship research team. Female candidates and persons with disabilities are encouraged to apply.

**The students will work under the following specific areas:**

1. Replacement of fishmeal with bivalves for aqua-feed
2. Integrated bivalve culture for aqua-feed and water quality management
3. Poultry waste for aqua-feed: sustainable integration of poultry with aquaculture
4. Parasite management: elucidating transmission and spread pathways of monogenean fish parasites

**Eligibility criteria**

**Applicants**:

1. Should demonstrate interest and capability to work in the specified areas
2. Be a holder of a Bachelor’s Degree from a reputable university
3. Be admitted in Makerere University on full-time Master of Science degree in any disciplines related to the specified topics
4. Be ready to start research activities immediately and complete within 1 year

**Benefits**

Successful applicants will be supported with USD2500 only to cover research costs (transport and welfare in the field and laboratory consumables).

**Application process**

1. A one-page motivation letter on any one of the mentioned topics
2. A Curriculum vitae with contactable referees
3. Copy of admission letter from the host universities
4. All applications must be sent electronically to Charles Masembe on the email given (cmasembe@cns.mak.ac.ug) and copied to Sr. Dr. Jane Yatuha (jyatuha@must.ac.ug); and Dr. Akoll Peter (pakoll@cns.mak.ac.ug) not later than 5.00 PM East African Time on 30th January 2019.