

# Curriculum vitae for Anne Maundu-Ngule (Ph.D.)

## 1.1 Personal Profile

### 1.1.1 Personal Details

**Name:** Anne Maundu-Ngule  
**Title/Qualification:** Dr.  
**Department:** Zoological Sciences  
**Designation/Position:** Lecturer  
**Email:** Maundu.anne@ku.ac.ke  
**Contact Address:** 43844-00100 Nairobi  
**Nationality:** Kenyan  
**Gender:** Female  
**Marital status:** Married

#### Area of Specialization:

- Aquaculture: Fish feed formulations, Fish Nutrition.
- Aquatic Sciences
- Fisheries

#### Research Interests:

- Seed and Larval Production.
- Climate Smart Aquaculture.
- Fish Diseases and Health Management.
- Management of Coastal and Marine Resources.

#### Research Affiliations

**Google Scholar:** <https://scholar.google.com/citations?hl=en>

**ORCID ID:** <https://orcid.org/0000-0002-4677-4170>

**Research Gate:**

<https://www.researchgate.net/profile/Anne-Maundu>



### 1.1.2 Academic & Professional Qualifications

- **2016 – 2020:** PhD in Aquatic Science, **Kenyatta University, Kenya.**
- **2010 – 2012:** Master of Science in Aquaculture, **Ghent University, Belgium.**
- **2004 - 2008:** BSC in Zoology (2<sup>nd</sup> upper division Honours), **Moi University, Eldoret.**
- **2003 – 2008:** Diploma in Information Technology, **Jomo Kenyatta University of Agriculture and Technology (JKUAT).**

### 1.1.3 Employment History

**Feb 2021 to date:** **Lecturer**, Department of Zoological Sciences, Kenyatta University

**October 2014 to Feb 2021:** **Tutorial Fellow**, Department of Zoological Sciences, Kenyatta University

**Sept 2014 - December 2014:** Department of Hydrology & aquatic Sciences, **South Eastern University of East Africa (SEKU)**

**Designation:** **Part Time Lecturer**

**Teaching following courses:**

- Fisheries Policy and Law
- Economics of Aquaculture
- Modules and curricular development.

**Jan 2013 –June 2014: Solution-Based Environmental and Safety Consultancy Limited**

**Designation:** **Research Assistant**

Duties and Responsibilities:

- Conducting environmental impact assessment
- Preparing environmental audit reports

**July 2011 – Aug' 2011 Oceans University of China**

As an intern, I was seconded to Oceans University of China, college of fisheries by Ghent university of Belgium. Working in the colleges' sea cucumber farms made me appreciate key aspects involved in farming sea foods on a large scale and possibilities for replication in Kenya

**Designation:** **Intern**

Duties and Responsibilities:

- Routine management of the sea cucumber hatchery.
- Carrying out experiments on sea cucumber metabolism
- Analysis of water samples (oxygen consumption, nitrogen measurement)

**Aug' 2008 – Jan' 2010: Kenya Marine & Fisheries Research Institute, Mombasa**

Kenya Marine and Fisheries Research Institute (**KMFRI**) is a State Corporation in the Ministry of Fisheries Development of the Government of Kenya. It is mandated to conduct aquatic research covering all the Kenyan waters and the corresponding riparian areas including the Kenyan's EEZ in the Indian Ocean waters.

**Designation: Research Assistant**

Duties and Responsibilities:

- Helping community groups (Kibuyuni Seaweed farmers) in South Coast (Shimoni) to set up aquatic enterprises with the objective of helping communities generate livelihoods.
- Fish feed formulation and Live Food production (*Artemia*)
- Artificial reproduction of *Clarias gariepinus* (catfish)

**Feb 2010 – Aug' 2010: APHIA II Coast, Catholic Archdiocese of Mombasa**

The programme was designed to increase the capacity of communities, families and orphans to respond to needs of orphans and vulnerable children and to increase the institutional capacity of other community-based organizations to deliver high quality and sustainable Orphans and Vulnerable Children (OVC) and People Living With HIV PLWHIV) Interventions

**Designation: Project Assistant**

Duties and Responsibilities:

- Working with community health workers (CHWs) to offer basic services to (OVC) and (PLWHIV)
- Carrying out regular support/supervisory visits in Mombasa, Kilifi and Kwale Counties (visiting homes, schools, health facilities, and attending stakeholder meetings)
- Writing reports and ensuring good documentation of best practices and human interest stories
- Database management. to meet data requirements for APHIA II / Catholic Archdiocese of Mombasa and partners and facilitating the use of compiled data in project implementation

**June 2007 – Aug' 2007 Kenya Marine & Fisheries Research Institute, Mombasa**

**Designation: Intern**

- Duties and Responsibilities:
- Network administration and computer maintenance and troubleshooting within the organization
- Data entry of socio-economics department

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- Network administration and computer maintenance and troubleshooting within the organization
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## 1.1.4 Achievements

### 1.1.4.1 Grants Awarded

1. National Research Fund (NRF), PhD grant (2016/2017).
2. VLIR UOS Scholarship, MSc. in Aquaculture, Ghent University, Belgium. (2010-2012)

## 1.2 Funded Projects

- 15<sup>th</sup> January to date: Virtual Science Lab Pilot Project by Commonwealth of Learning (COL) in Vancouver, Canada, in collaboration with School of Pure and Applied Sciences (SPAS), Kenyatta University.

## 1.3 Conference/Workshops/Seminars attended

- 5<sup>th</sup> to 6<sup>th</sup> May, 2021. SPAS Staff Training on Development and Implementation of the Competency Based Curriculum. Organized by School of pure and Applied Sciences (SPAS) Kenyatta University in collaboration with Association for Faculty Enrichment in Learning and Teaching (AFELT).
- 9<sup>th</sup> to 10<sup>th</sup> February, 2021. Training on Non-Communicable Diseases, Mental Health, Stress Management in collaboration with Wellness and Rehabilitation Services, Kenyatta University.
- 28<sup>th</sup> Jan 2021. Face to face-Training on Turn-it-in, Creating Orchid and Google Scholar accounts. Organized by School of pure and Applied Sciences (SPAS) in collaboration with the Chief University Librarian. Kenyatta University.
- 8<sup>th</sup> Sept. 2020. Training on Blended Learning Online Facilitation. Organized zoom workshop by Digital School of Kenyatta University.
- 26<sup>th</sup> November, 2019. Workshop on commercialization of research “Creating innovations with impact” at Kenyatta University.
- May, 2017. Elsevier Publishing Connect Workshop for Young Scholars at Kenyatta University.

26<sup>th</sup> to 27<sup>th</sup> July 2016. Attended a training on chemical security and safety training facilitated by Civilian Research and Development Foundation (CRDF) Global at Kenyatta University.

- 2016. Training on teaching methods using PowerPoint presentation at Kenyatta University.
- 2015. Training on module writing at Kenyatta University.

#### 1.4 Professional/ Consultancy (Editor/ Peer review in journals, Networks/ Collaborations, External Examiner, Patents)

##### 1.4.1 Networks/Collaborations

- National Aquaculture Research Development and Training Centre (NARDTC), Sagana.
- National Agricultural Research Organization (NARO), Uganda.

#### 1.5 Community Service and Other Engagements

- 15<sup>th</sup> October, 2020 Teens talk on Understanding Sexuality at Muthithi Gardens.

#### 1.6 Affiliation of Professional Bodies

- Member of the Western Indian Ocean Marine Science Association (WIOMSA).
- Member, Organization of Women in Science and development
- Kenyatta University Alumni

#### 1.7 Administrative Positions Held

##### 1.7.1 Other administrative positions Held

- Academic advisor 200-unit series
- Assistant Head of the Aquatic Ecology Programme
- Board of Undergraduate Studies committee - member
- Departmental Curriculum and Development Review committee – member
- Research and Innovation committee – member
- Quality management system committee – chairman
- Assistant Departmental Timetabler.

## 1.8 REFEREES

1. **Dr Jonathan Munguti,**  
Deputy Director & Head Aquaculture  
Division (NARDTC)  
Kenya Marine and Fisheries Research  
Institute (KMFRI)  
Tel: +2547226227  
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2. **Dr. Joshua Mutiso,**  
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3. **Benson Omor**  
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