



# KYAMBOGO UNIVERSITY

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*Faculty of Arts and Humanities*  
*Department of Geography*

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Date: March, 14 2024

## **Call for Two Masters Fellowship Opportunity in Greenhouse Gas (GHG) Measurements in Pastoral Hotspots in Uganda**

Are you passionate about addressing climate change and its impact on agriculture and landscape resources? Do you have a keen interest in contributing to climate mitigation research solutions in pastoral hotspots within dairy-grazed farms? Here's an exciting opportunity for you!

### **About the Fellowship**

The Department of Geography, Faculty of Arts and Humanities has received research funding through Regional Universities Forum for Capacity Building in Agriculture (RUFORUM), and Global Research Alliance for Greenhouse Gas Emissions to support two MSc students in Greenhouse Gas (GHG) measurements and quantification in Uganda. The Fellowship focuses on GHG measurements in Pastoral Hotspots within Cattle-Grazed Farming systems in the central cattle corridor of Uganda, specifically in the districts of Nakaseke, Kiboga, Nakasongola, Luwero and Sembabule. This fellowship offers a unique chance to contribute to sustainable agricultural practices while gaining invaluable research experience for your career development.

### **Key Responsibilities**

1. Conduct fieldwork to measure greenhouse gas emissions within pastoral hotspots.
2. Analyze data and contribute to the development of innovative solutions to mitigate GHG emissions.
3. Collaborate with local communities, farmers, and researchers to ensure the success of the project.
4. Produce high-quality research outputs, including reports, presentations, and academic papers.

### **Benefits**

- Fully funded MSc fellowship covering tuition fees, research expenses, and monthly stipend.
- Mentorship from leading experts in the field of climate science and agricultural sustainability.
- Access to GHG measurement facilities and resources to support your research.
- Opportunity for networking and professional development within Uganda or an international research community.
- Chance to make a meaningful impact on sustainable agriculture and climate resilience in Uganda.

### **Eligibility Criteria**

1. He or She must have completed one year course work or in the last semester of first year in Kyambogo University.
2. Bachelor's degree in a relevant field (e.g., Environmental Science, Agriculture, Geography, Education).
3. Strong academic record and research background.
4. Demonstrated interest in climate change, greenhouse gas emissions, agriculture and Geographical sciences.
5. Excellent communication and interpersonal skills.
6. Ability to work independently, and as part of a multidisciplinary team.
7. Proficiency in English and knowledge of local languages is a plus.
8. Proficiency in data analysis preferably with R is a plus.
9. Full time availability to all fellowship activities is mandatory.

### **Application Process:**

To apply for this fellowship, please submit the following documents to the contact email address below addressing to Dr Geoffrey Gabiri who is the principal investigator of the project

- Cover letter explaining your motivation for applying and how your background aligns with the fellowship objectives.
- CV detailing your academic background, research experience, and relevant skills.
- Academic transcripts and certificates.
- Contact information for two academic or professional references.

**Deadline: NOT later than 25<sup>th</sup> March 2024, 5:00pm EAT**

### **Contact Information:**

For inquiries and submission, please contact:

Dr. Geoffrey Gabiri,

Lecturer

Department of Geography,

Kyambogo University,

P.O Box 1, Kyambogo, Uganda

Email: [gabiri@kyu.ac.ug](mailto:gabiri@kyu.ac.ug) or [geofreygabiri@gmail.com](mailto:geofreygabiri@gmail.com)

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**Join us in making a difference in the fight against climate change and shaping the future of sustainable agriculture in Uganda. Apply now for this exciting Masters fellowship opportunity!**