

OIE Veterinary Education Establishment Twinning Project

**Sokoine University of Agriculture (SUA), Faculty of Veterinary
Medicine, Morogoro, Tanzania**

**and Kansas State University (KSU), College of Veterinary
Medicine (CVM), Manhattan, KS, USA**

United Republic of Tanzania



- A large country in Eastern Africa within the African Great Lakes region.
- Capital: Dodoma
- Population: 49.25 mil (2013) World Bank Report
- Official languages: Swahili and English
- Approx. 38% of Tanzania's land area is set aside in protected areas for conservation
- Tanzania has 16 national parks, plus a variety of game and forest reserves
- Tanzania is highly biodiverse and contains a wide variety of animal habitats



TANZANIA



- Climate varies greatly within Tanzania.
- In the highlands, temperatures range between 10 and 20 °C (50 and 68 °F) during cold and hot seasons respectively
- Two major rainfall regimes: one is uni-modal (October–April) and the other is bi-modal (October–December and March–May)



Livestock Production System

| Livestock Population | Millions |
|-------------------------------|----------|
| Cattle | 22.8 |
| Goat | 15.6 |
| Sheep | 7.0 |
| Pigs | 2.0 |
| Poultry (indigenous + exotic) | 58.0 |
| Total | 105.0 |

- ❑ Economy heavily based on agriculture (25% of GDP)
- ❑ 68% of popn. live below poverty line of \$1.25/day
- ❑ Aprox. 30% of **agricultural households** in mainland Tanzania keep **small ruminants**
- ❑ Mainly **transhumance** livestock production system
- ❑ Extensive indigenous livestock low input-low output production systems practiced by the livestock farmers
- ❑ Commercial farms (dairy, feed lots, piggery, poultry)
- ❑ Meat production (beef, lamb/mutton, pork)

- One Veterinary College (cf 30 Vet Colleges in the US)
- 8,100 Vets + Paraprofessionals (cf 157,00 in the US)

Animal & Zoonotic Diseases in Tanzania

- FMD
- RVF
- ASF
- CBPP
- CCPP
- Anthrax
- Rabies
- Brucellosis
- Bovine TB
- Haemorrhagic Septicaemia
- Heartwater
- Sheeppox and Goatpox
- PPR
- LSD
- ECF
- Trypanosomiasis
- Porcine cysticercosis
- Newcastle disease
- IBD



WORK PLAN

Project Year 1 (2016)

► Workshop 1: SUA, October 2016 (10 days)

Workshop Topics:

- Assessment of National VS
- SUA curriculum review
- Conduct needs assessment
- ✓ Curriculum and educational resources
- ✓ Assess material needs at SUA
- Determine priorities of the project and the strategic plan
- Evaluate existing curricula & educational material specifically relating to the OIE Core Curricula and Day 1 Competencies

WORK PLAN

Project Year 1 (2016)

- Evaluate external resources/e-learning potential (access to online journals, server for materials/notes, etc.)
- Develop performance parameters
- Knowledge exchange on training techniques
- Assessment of areas for joint KSU-SUA research opportunities
- Identify areas for developing Continuing Education (CE) course to be hosted at SUA in Year 3
- Assess wider funding needs to complement the VEE Twinning
- KSU to give guest lecturers at SUA
- Tour of farming systems in Morogoro, Tanzania
- Visiting Participants- KSU core team (6 representatives) + 1 student
- Develop a detailed work plan for the VEE Twinning Project

WORK PLAN

Project Year 1 (2016)

➤ Workshop 2: KSU-CVM, January 2017 (10 days)

Workshop Topics:

- Immerse SUA Faculty in KSU activities:
 - Spend time with Professors, Deans, Academics, US accreditation process, etc.
 - Visit to Kansas Department of Agriculture
 - Visit to KSU Diagnostic Laboratory
- Visit to Washington DC: AVMA, AAAP, USDA
- Discuss about the needs (VE) of NVSs and role of national regulators in maintaining the Quality of VE
- SUA Faculty to give guest lectures, tour of production systems
- Visiting participants to KSU- SUA Core Team (5 representatives)



WORK PLAN

Project Year 1 (2016)

- Student exchange 1: 2 students to visit KSU (March 2017) for 5-6 weeks
- Veterinary Statutory Body (VSB) Meeting in South Africa, July 2017 (2 days)
- Regulatory/curricula experts from SUA and KSU to visit South Africa to discuss VE accreditation procedures

TIME TABLE – Year 1

October 2016

- Workshop 1
- 10 days at SUA

January 2017

- Workshop 2
- 10 days at KSU

March 2017

- Student Exchange 1
- 2 students from SUA to KSU for 8 weeks

July 2017

- Meeting in South Africa on VSB for 3 days

TIME TABLE – Year 2

Oct. 2017

Workshop 3

10 days
at SUA

**Oct. 2017 -
Apr 2018**

Student
Exchange 2

2 KSU
students to
SUA for 8
weeks

**Oct 2017 –
Apr 2018**

Student
Exchange 3

2 SUA
students to
KSU for 8
weeks

**Oct 2017 –
Apr 2018**

Faculty
Exchange

1 SUA
Faculty to
KSU for 8
weeks

Apr 2018

Workshop
4

10 days
at KSU

TIME TABLE – Year 3

October 2018

Workshop 5 at SUA, 10 days



June 2019

Sokoine Continuing Education Course (5 days at SUA)



October 2019

Final Workshop 6 at SUA, 10 days

