



# COHESA

Capacitating One Health in Eastern and Southern Africa

## One Health in Schools: Extending the One Health Approach to Safety Around Animals

Shauna Richards ILRI

COHESA Biennial Conference

Pretoria, South Africa, 20-22 November 2023

# History

- Prior work with
  - NGO Farmers Helping Farmers (Canada)
  - Mukurwe-ini Wakulima Dairy (Kenya)
  - Twinned primary schools (Kenya & Canada)
  - Veterinarians without Borders – Canada
  - University of Prince Edward Island Faculty of Education (consult on pedagogy)
  - Government of Manitoba – implemented in schools in Canada
- Opportunity with connection to schools – head teachers & sub-county director of education
  - Pre-existing working relationships from school twinning & teacher exchange



**Mukurweini**  
Wakulima Dairy Ltd



UNIVERSITY  
of Prince Edward  
ISLAND



VETERINARIANS  
WITHOUT BORDERS  
VÉTÉRINAIRES  
SANS FRONTIÈRES



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# Objectives & Actors

- Train Primary (2022) and Secondary (2023) school teachers in sub-county on a **One Health Approach to Safety Around Animals**
  1. learn about One Health, with examples relevant to the sub-county/student education level, and how to integrate One Health into the secondary school curriculum; and
  2. understand how safety around animals is related to One Health, with examples of prevention of zoonoses (with rabies as a specific example), prevention of injury from animals and improving animal welfare and the health of people and animals while considering environment health.
- Actors: Trainer (ILRI) & Teachers (attendees), Support Sub County Director & Head Teachers (support); University of Nairobi (review of materials)



# Content

- Teachers are trained on technical materials
  - What is One Health with local examples
  - What are Zoonotic Diseases with local examples
  - Rabies
  - Bite & injury prevention from animals
  - Interactive session with mentimeter and group work
- Lesson plan provided with teaching materials
  - Detailed Lesson Plan, slide deck, images
  - Case Studies



## **SAFETY AROUND ANIMALS**

**PREPARED BY:**

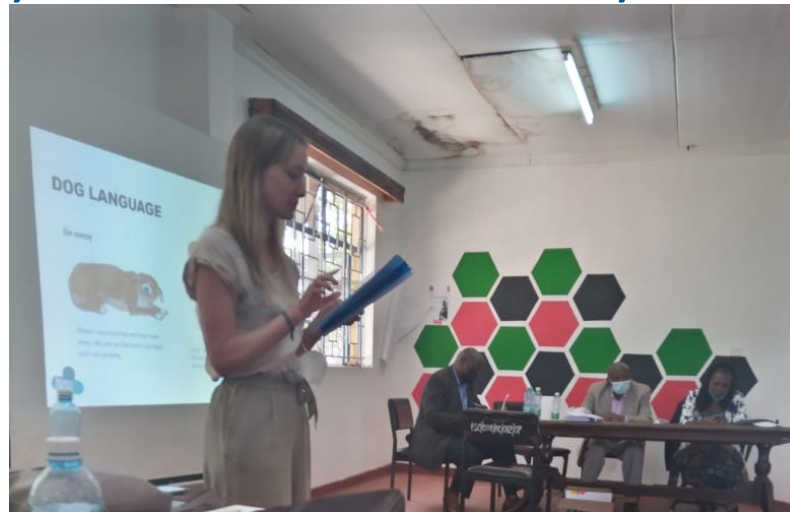
**SHAUNA RICHARDS DVM, PHD**

**SUPPORTING DOCUMENTS FROM THE GLOBAL ALLIANCE FOR RABIES CONTROL (GARC) & BLUE CROSS FOR PETS**



# Progress and Outcomes

- 2022 – 71 primary teachers from each primary school in sub-county attended 1 day workshop
  - ~ 13,000 primary students in sub-county
- 2023 – 28 secondary teacher from 35 secondary schools in sub-county attended 1 day workshop
  - ~11,000 secondary students in sub-county



# Insights, Lessons, Challenges

- Use resources that are already available and made for age group
  - Global Alliance for Rabies Control (rabies)
  - Blue Cross for Pets (images for dog behaviour & bite prevention)
- Consult local teachers about curriculum to ensure it fits and you select appropriate age groups
  - Competency based learning is newly part of Kenya curriculum
- Build in M&E
- Consider how to integrate into existing material
  - Case based examples (teachers can develop their own)
  - 1 hour session



# Next Steps

- Ideally continue program at a few diverse sites in Kenya to ensure material is appropriate
- Bring M&E + report to Ministry of Education to consider about fully integrating into curriculum in future
- Trainers can be students from Higher Education Institutions for in service teachers; new teachers to learn in their program
- All resources are available:  
<https://cgspace.cgiar.org/handle/10568/131590>



# Acknowledgements



OACPS R&I



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THANK YOU



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