



Leader, SACIDS-ACE Leader

ACE II Eastern and Southern Africa
Higher Education Centers of Excellence Project



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AHU Coordinator

OR Tambo Africa Research Chair of Viral Epidemics

Member of the President's
Special COVID-19 Committee



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Research and Training Officer



The **PASET** Regional Scholarship
and Innovation Fund



An Africa-led initiative to bridge the skills gap in Applied Sciences, Engineering, & Technology



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Sokoine University of Agriculture, Tanzania



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University: Sokoine University of Agriculture

Theme: Food Security and Agribusiness

Host Institute: SACIDS Foundation for One Health (SACIDS)

SACIDS: Founded January 2008 as a regional Southern African Centre for Disease Surveillance

Transformed in 2018 into the SACIDS Foundation for One Health



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SACIDS FOUNDATION FOR ONE HEALTH is a Regional Research and Training Institute of Sokoine University of Agriculture on behalf of Membership



SACIDS Member Institutions located in:

- Tanzania; Zambia; Democratic Republic of Congo; Mozambique; South Africa
- With Global Smart Partnership

SACIDS One Health Alumni: 157
Postdocs: 19
PhD: 41
MSc: 97
Published 382 Research papers

SACIDS Foundation Mission

- To undertake cutting edge, transdisciplinary and multisectoral research that is impact orientated, prioritised and system based in southern, central and eastern Africa and
- Where appropriate delivered through strategic partnerships with academia, research institutes, and international organizations.

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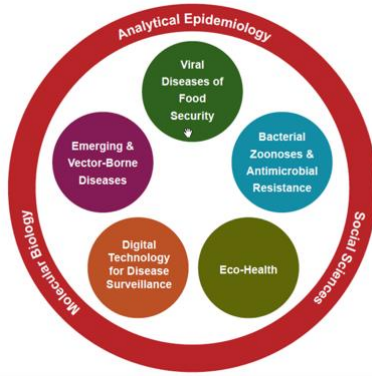


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Smart Partnership Underpins the Community of Practice Strategy



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Towards Community-Level One Health Security

AfyaData



Mobile Genomics Laboratory



Whole Genome Sequencing



Oxford Nanopore



Mobile PCR



Public-Policy Engagement



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Postgraduate Student Cohorts



SACIDS Africa Centre of Excellence for Infectious Diseases

**2 Postdoctoral Fellows
15 PhD students
8 MPhil students
13 MSc students**



Inter-University Council for East Africa

Special Scholarship to Female MSc Students

Cohort 1: 4 students (graduated 2020)

Cohort 2: 7 students (second year)

SACIDS enrolled 11 out of the 65 students to 24 ACEs

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Postgraduate Student Cohorts



Cohort 1 (2018)

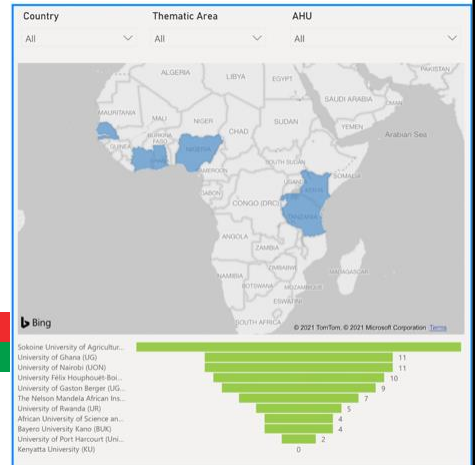


8 scholars

Cohort 2 (2020)



12 scholars



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Progress Highlights



frontiers
in Veterinary Science

Impact Factor 2.245 | CiteScore 2.6
More on impact >

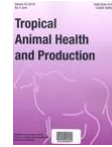
BMC
Veterinary Research

Citation Impact
1.835 - 2-year Impact Factor
2.179 - 5-year Impact Factor

viruses

IMPACT
FACTOR
3.816

Covered in
PubMed



frontiers
in Microbiology

Impact Factor 4.235 | CiteScore 7.3
More on impact >

antibiotics

IMPACT
FACTOR
3.893

Covered in
PubMed



molecules

IMPACT
FACTOR
3.267

Covered in
PubMed

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Student Topic Highlights

Viral diseases of food security and livelihood importance e.g. African swine fever, foot-and-mouth disease, *peste des petits ruminants*, Rift Valley fever, Newcastle disease, Tilapia lake virus, swine influenza

Antimicrobial resistance in humans, animals and environment

Host-pathogen interactions e.g. microbiomes

Plant molecular biology and food sciences e.g. aflatoxins, drought resistance, natural products

Aquaculture

Agribusiness and food systems e.g. value chain analysis

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Direct Financial support to icipe from:-



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Mbwana Samatta



Eliud Kipchoge



Haile Gebrselassie

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