EDCTP: Connecting and building research excellence across Africa

Dr Thomas Nyirenda,
Strategic Partnerships & Capacity Development Manager (EDCTP)

Extra-ordinary Senior Lecturer, Department of Global Health, University of Stellenbosch

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Does Africa have a central role in Global Health Research?

- Biggest genetic diversity in one continent
- One health (human, environment & animals) very exemplified
- Predominantly youthful population
- Biggest burden of disease per million population
## Millions of unresearched survivors: ME

**Malawi statistics**

<table>
<thead>
<tr>
<th>Year</th>
<th>Under-5 Mortality per 1000 live births</th>
</tr>
</thead>
<tbody>
<tr>
<td>1964</td>
<td>356.20</td>
</tr>
<tr>
<td>1974</td>
<td>316.40</td>
</tr>
<tr>
<td>1984</td>
<td>249.50</td>
</tr>
<tr>
<td>2004</td>
<td>119.70</td>
</tr>
</tbody>
</table>
FTE health researchers per 1 million inhabitants

Source: Health researchers (in full-time equivalent) per million inhabitants, by income group (who.int)
Language barriers

PARTITION OF AFRICA
1885 - 1914

Colonial Powers
- Red: British
- Green: French
- Brown: German
- Orange: Portuguese
- Yellow: Italian
- Light Green: Belgian
- Red: Spanish
- Grey: Independent

A Map of Africa (1914), showing the extent of colonization
Can anything to do with money be safe in Africa?
EDCTP’s Investments in the Regional Networks of Excellence

Four regional Networks of Excellence were established: CANTAM (Central Africa), EACCR (Eastern Africa), TESA (Southern Africa) and WANETAM (Western Africa) to improve clinical trial capacity and site preparedness in each region, with an initial focus on HIV/AIDS, tuberculosis and malaria.

2008

2015

Under its second programme, a new call was launched to support regional networking in sub-Saharan Africa and with Europe, building on results from regional networks supported under the first EDCTP programme.

2016

The four regional networks received additional funding of €12 million to help them build on the results of their first grants. The networks expanded their remit to include other poverty-related infectious diseases and emerging/re-emerging epidemics relevant to Africa.

2019

An independent mid-term evaluation of the Networks highlighted a number of successes. The report also noted that were opportunities to build on the foundation established and to develop more extensive North-South collaborations.

2020

The four regional networks established by EDCTP were invited to apply for an extension on their 2015 grants through a competitive call for proposals.

2021

A grant value €18 million was awarded to the four networks. This funding was also granted to support new activities that expanded on previous EDCTP investments.

A further €2 million was awarded by the UK DHSC via EDCTP to address gender and diversity gaps in clinical research capacity at the EDCTP Regional Networks.
EDCTP REGIONAL NETWORKS OF EXCELLENCE FOR CLINICAL TRIALS (EDCTP1)

**Western Africa: WANETAM**
Website: www.wanetam.org
- Burkina Faso
- The Gambia
- Ghana
- Guinea-Bissau
- Mali
- Nigeria
- Senegal
- United States

**Central Africa: CANTAM**
Website: www.cantam.org
- Cameroon
- Congo, Republic of the
- Gabon
- France
- Germany

**Eastern Africa: EACCR**
Website: www.eaccr.org
- Kenya
- Sudan
- Ethiopia
- Tanzania
- Uganda
- Germany
- Sweden
- United Kingdom
- United States

**Southern Africa: TESA**
Website: www.tesafrica.org
- Botswana
- Malawi
- Mozambique
- South Africa
- Zambia
- Zimbabwe
- France
- Germany
- Netherlands
- United Kingdom
EDCTP Regional Networks of Excellence (EDCTP2)

**African countries**
1. Angola
2. Benin
3. Botswana
4. Burkina Faso
5. Cameroon
6. Congo
7. Cote d’Ivoire
8. Democratic Republic of the Congo
9. Eswatini
10. Gabon
11. The Gambia
12. Guinea
13. Kenya
14. Malawi
15. Mali
16. Mozambique
17. Namibia
18. Nigeria
19. Rwanda
20. Senegal
21. South Africa
22. Sudan
23. Tanzania
24. Togo
25. Uganda
26. Zambia
27. Zimbabwe

**European countries**
1. France
2. Germany
3. Netherlands
4. Portugal
5. Spain
6. Sweden
7. United Kingdom

- **CANTAM3**
  Central Africa clinical research Network

- **EACCR3**
  Eastern Africa Consortium for Clinical Research

- **WANETAM3**
  West African Network for TB Aids and malaria

- **TESA3**
  Trials of Excellence in Southern Africa
NoE Outputs

<table>
<thead>
<tr>
<th>Collaborations:</th>
</tr>
</thead>
<tbody>
<tr>
<td>• TGHN</td>
</tr>
<tr>
<td>• PANDORA-ID-NET</td>
</tr>
<tr>
<td>• ALERRT</td>
</tr>
<tr>
<td>• EXIT-TB</td>
</tr>
<tr>
<td>• MMV (Pyramax)</td>
</tr>
<tr>
<td>• PAVIA</td>
</tr>
<tr>
<td>• PROFORMA</td>
</tr>
<tr>
<td>• WELTEL (HIV)</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th>Publications</th>
<th>MSc</th>
<th>PhD</th>
<th>PostDoc</th>
<th>Workshop attendances</th>
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<tbody>
<tr>
<td>CANTAM</td>
<td>78</td>
<td>23</td>
<td>23</td>
<td>2</td>
<td>1935</td>
</tr>
<tr>
<td>EACCR</td>
<td>150</td>
<td>20</td>
<td>5</td>
<td>31</td>
<td>569</td>
</tr>
<tr>
<td>TESA</td>
<td>40</td>
<td>24</td>
<td>11</td>
<td>4</td>
<td>598</td>
</tr>
<tr>
<td>WANETAM</td>
<td>16</td>
<td>13</td>
<td>10</td>
<td>5</td>
<td>83</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>284</strong></td>
<td><strong>80</strong></td>
<td><strong>49</strong></td>
<td><strong>42</strong></td>
<td><strong>3185</strong></td>
</tr>
</tbody>
</table>
Country involvement in clinical studies

2014-2021

38 sub-Saharan African countries host recruitment sites of EDCTP-funded collaborative clinical studies
EDCTP-supported activities (#60)

2014-2021

**European countries**
1. Austria
2. Belgium
3. Denmark
4. Finland
5. France
6. Germany
7. Greece
8. Ireland
9. Italy
10. Luxemburg
11. Moldova
12. Netherlands
13. Norway
14. Poland
15. Portugal
16. Spain
17. Sweden
18. Switzerland
19. United Kingdom

**African countries**
1. Angola
2. Benin
3. Botswana
4. Burkina Faso
5. Cabo Verde
6. Cameroon
7. Central African Republic
8. Chad
9. Comoros
10. Congo
11. Democratic Republic of Congo
12. Equatorial Guinea
13. Ethiopia
14. Eswatini
15. Gabon
16. The Gambia
17. Ghana
18. Guinea
19. Guinea-Bissau
20. Ivory Coast
21. Kenya
22. Liberia
23. Lesotho
24. Madagascar
25. Malawi
26. Mali
27. Mozambique
28. Namibia
29. Niger
30. Nigeria
31. Rwanda
32. São Tomé and Príncipe
33. Senegal
34. Sierra Leone
35. South Africa
36. Sudan
37. Tanzania
38. Togo
39. Uganda
40. Zambia
41. Zimbabwe
Thank you

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