



Promoting Excellence in Research Integrity



#### Highlights:

- Expert Keynote Sessions
- Interactive Workshops
- Practical Case Studies & Roundtables
- Networking Receptions



or Visit https://ihvnigeria.org/excel-rite

IHVN Seminar Hall. Plot 62, Emeritus Umaru Shehu Avenue, Cadastral Zone, Abuja MON. 28TH - WED. 30TH **APRIL**, 2025

For inquiries, email: info@ihvnigeria.org

1 Institute of Human Virology Nigeria



















Leadership for Research Integrity Through Empowerment

**Decolonizing Science: Ethical Approaches Required** 

**Oyewale TOMORI** 





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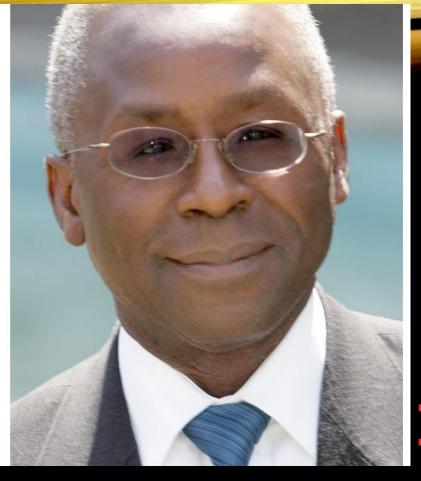
Introduction

Colonizing & Decolonizing

Science & Ethics

**Ethically Decolonizing Science** 

Confusion, Contusion & Conclusion



## TOMORI DECOLONISED



Oyewale TOMORI
DVM, PhD, FAS
XYZ, ETC,
ASOASF

Oyewale Omo OKOKOMOKI ATENIWIJO, ABELEJOKOJU Ajigbadu'a s'OLODUMARE

Colonization is CONTROL by a group over another group

 a foreign group – one country taking control of another by warfare or subterfuge, or a different group in the same country

Control can be political, economic, social, educational, scientific and cultural.

Motivation - for economic gain, resource exploitation, or cultural influence.... taking (advantage) to have (advantage)

Colonialism is eating your cake and still having it

### **Types of Colonization:**

Settler Colonialism: permanent migration and settlement of colonists, displacing/subjugating the indigenous population.

Exploitation Colonialism: focuses on extracting resources and labor from the colonized territory, not interested in permanent settlement.

Internal Colonialism: Occurs within a country, where one group or region dominates and exploits another.

Hallmark of colonialism -

 exploitation, forced assimilation, suppression of indigenous cultures and peoples.

 Physical subjugation and most damaging- mental and emotional subjugation Recovery from the mental/emotional damage takes generations

Significant injustices, long-lasting negative impacts in many parts of the world

. 1652- Boers from Europe to South Africa

. 1804-Fulani Dan Fodio jihad from Senegambia- Hausa land

. 1884- Europe Scrambled for Africa

- . Modern Forms: Post World War II NEOCOLONIALISM
- External characterized by economic dominance and influence rather than direct political control.
- . Internal dominance-influence-poliical control





► BMJ. 2006 May 27;332(7552):1233. doi: 10.1136/bmj.332.7552.1233-a

Secret report surfaces showing that Pfizer was at fault in Nigerian drug tests

Jeanne Lenzer

► Copyright and License information

PMCID: PMC1471980 PMID: 16735322



News ~

Middle East

Explained

Opinion

Sport

Video

#### **OPINION**

Opinions | Coronavirus pandemic

#### Medical colonialism in Africa is not new

Remarks about testing coronavirus drugs on Africans part of pattern where some bodies are dehumanised, others protected.



**Karsten Noko** Zimbabwean lawyer and medical humanitarian





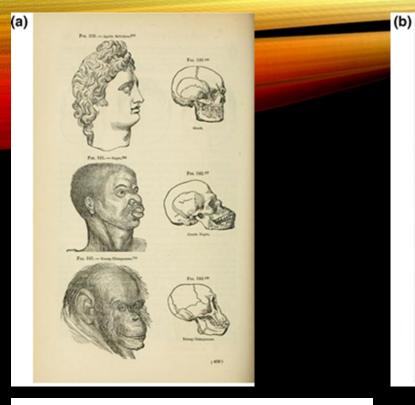


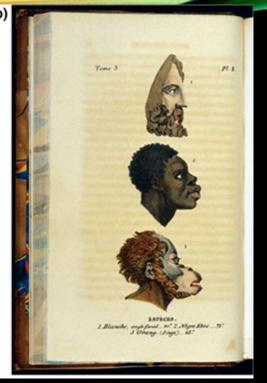


### Secret report surfaces: Pfizer was at fault in Nigerian drug tests

A secret Nigerian government report concluded that the drug manufacturer Pfizer undertook an "illegal trial of an unregistered drug" when the company enrolled nearly 100 Nigerian children with meningitis in a trial testing its antibiotic trovafloxacin (Trovan) against ceftriaxone during a 1996 meningitis epidemic.

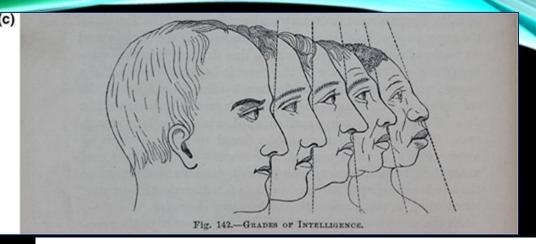
Families of the children, their attorneys, and the media had been seeking the results of the report for five years without success until the report was leaked





A: Illustration from the 19th-century textbook *Indigenous* Races of the Earth, presenting 'evidence' that African people were as closely related to chimpanzees as they

B: Plate from Virey's *Histoire Naturelle* (1826) positioning Black Africans as a separate species.



C: Illustration from Wells (1868) depicting the assumed relationship between race and intelligence

The invention of a false social concept called "race"

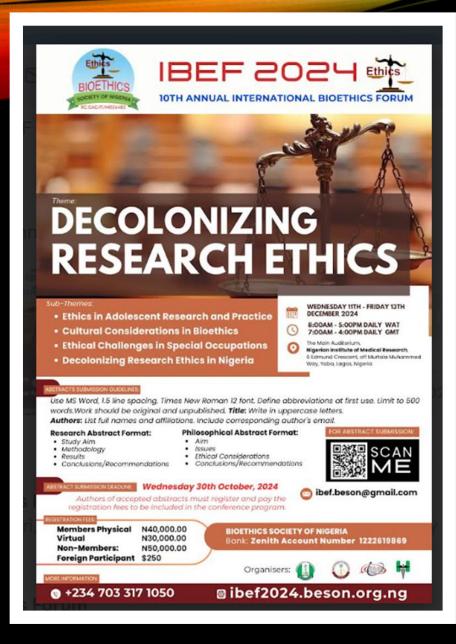
THE FOUR
LEPROUS FINGERS
OF COLONIALISM

The dichotomy of White
Supremacy and African Inferiority

Forcing Africans to denounce their roots and embrace European "modernity"

"Superior" Europe & "dark"

continent with no history and culture



#### Date: December 11 & 12, 2024

11mc 12:30 – 13:00	Day 1: Wednesday December 11	Day 2: Thursday December 12
13:00 - 14:00	Working Lunch – Discussion tables	Plenary 4: My Vision of the Future: Research, Ethics and Culture
15:00 - 14:00		Fieldly 4. My vision of the Future. Research, Ethics and Culture
	Ethics as a compulsory course	
	2. Research conduct by undergraduates	
	3. The muddle of corruption and ethics	Speaker: Prof Oyewale Tomori
		oyewaletomori@gmail.com
		oyewaletomori@yahoo.com

#### My vision of the Future Research, Ethics and Culture

Oyewale TOMORI @acegid-RUN

#### **ETHICS**

concepts of moral right and wrong and moral good and bad,...system or code of moral rules, principles, or values.



moral principles that govern a person's behaviour or the conducting of an activity.

rules of conduct, standards of behaviour, virtues, dictates of conscience

the branch of knowledge that deals with moral principles.

#### **CULTURE**

- set of shared beliefs, values, behaviors, and ways of life that characterize a group of people or society:
- includes the material objects and practices that are common to a group, such as cuisine, fashion, music, dance, literature, and architecture.
- also includes the non-physical elements, such as customs, traditions, beliefs, and values.
- Is learned from one generation to the next, from the people we interact and socialize with.

#### **CULTURE**

- is not static, changing and evolving over time as new beliefs, values, and practices replace older ones.
- plays a crucial role in our social lives, shaping social relationships, maintaining social order, and determining how we make sense of the world.
- Development is anchored on building back better on the positive aspect of our culture

organized group of persons or individuals associated together for religious, benevolent, cultural, scientific, political, patriotic or other purposes.

THE SOCIETY

a highly <u>structured</u> system of human organization for large-scale community living that normally furnishes protection, continuity, security, and a national identity for its members.

The harmony of the society – with the rights of the individual recognized and protected within the global rights of the entire society is laid on a foundation of ethics.

**Ethics** – framework, rules for the best way to live as individuals in a society.

Ethics – framework, rules for the best way to live as individuals in a society.

### THE SOCIETY

Without ethics, a fraudulent society WITH fake research,

Two deadly combinations for underdevelopment and inequity.

No matter the type of society- Pyrates, Illuminati, Odozi Obodo, Boys Scout, or Ekpoma Thrift Society- adherence to the ethics determines its life span and ability to achieve set objectives

## DECOLONIZING SCIENCE ETHICALLY

- To decolonize science
- undo the past and present racist and colonial hegemony of Western science over other,
   equally legitimate knowledge and ways of knowing.

confronting and challenging the colonizing practices that have influenced science education
in the past, and which are still present today.

. Challenging and contronting with fact and data derived form indigenous studies funded by indigenous governments involving indigenous society

 Decolonizing scgoes beyond science....we must include economics, culture, and involve the society

. It's about revealing, renewal and rediscovery.

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colonial hegemony of Western science
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DECOLONIZING
SCIENCE ETHICALLY

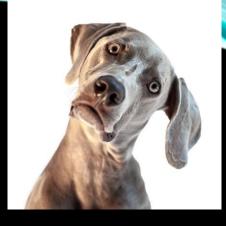
over other, equally legitimate knowledge and ways of knowing.

Confront and challenge the colonizing practices that have influenced science education in the past, and which are still present today.

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## DECOLONIZING SCIENCE ETHICALLY

- Decolonizing science goes beyond science....we must include economics, culture, and involve the society
- . Decolonizing is about revealing, renewal and rediscovery.
- Colonization of ANYTHING continues today in different forms and science remains a tool of neocolonial power, used to exert control, legitimize exploitation, and erase or undermine indigenous knowledge systems.



## **CONFUSION**







& CONCLUSION

#### WHY ARE WHERE WE ARE NOW?

#### WHY ARE WE WHERE WE WERE BEFORE?

## WHY HAS OUR SCIENCE NOT HAS A DENT ON IMPROVIMG NIGERIA DEVELPOMENT?





# 

Today, 67 of 1000 children die before they reach the age of one year

105 of 1000 children die, yes, die before they can start primary schools.

Nigeria's maternal mortality rate is 800 deaths per 100,000 live births, which is higher than the regional average

more than ten times higher than the target set by the Sustainable Development Goals (SDGs).

the third-highest maternal mortality rate in Africa.

We continue to reported cases and deaths:

Measles (20,846 cases, 112 deaths)

CSM (14,005 cases, 1,114 deaths)

Cholera (1,558 cases, 11 deaths)

Lassa Fever (1,030 cases, 127 deaths);

Yellow Fever (358 cases, 45 deaths) add mpox 762

Fifty-six Ve years after Lassa fever was first discovered in Nigeria,

- Annually, the death of health workers (doctors and nurses) is the alarm bell for a disease that claims 15-20 cases every week.
- The last major YF epidemic raged between 1985 and 1992, with more than 16,000 cases and nearly 4,000 death



## WITHOUT GOOD GOVERNANCE AFRICA WILL ALWAYS BE OVERWHELMED





# Sydney Brenner.. "S&T form the basis of all human activity: FROM

- ✓ the houses that we live in,
- ✓ the food that we eat,
- ✓ the cars that we drive, to
- ✓ the electronic gadgetry in almost every home

The Nigerian society should demand and expect no less from her researchers.

#### **EXPECTATIONS OF THE SOCIETY FROM RESEARCHERS**

Research should positively form the basis of all human activity, the houses we live in, the food we eat, the cars we drive, the electronic gadgets in homes - air conditioners, fridges, phones, TV radio, computers

"It is research (science) alone that can solve the problem of illiteracy, of superstition and deadening custom and tradition, of vast resources running over waste of a rich country inhabited by starving people. I do not see any way out of our vicious circle of poverty except by utilizing the new sources of power which science has put at our disposal." Nehru of India

#### **EXPECTATIONS OF THE SOCIETY FROM SCIETISTS**

"The world has changed far more in the past 100 years than in any century in history. The reason is not political or economic but technologies that flowed directly from advances in basic scien(tific research)....Hawking, the British Physicist

#### **EXPECTATIONS OF THE SOCIETY FROM SCIETISTS**

"S&T is intrinsically linked to most, if not all, sectors of an economy so naturally, economic development should be the result of advancing S&T"....."economic growth (1950 to 2010) is indebted to the innovations, incentives, and productivity gains arising from technological advancements- Okonjo-Iweala, Nigerian Fin. **Minister** 

### **EXPECTATION OF SCIENTISTS FROM GOVT. & SOCIETY**

- personal computer and internet revolutions. 25 years US
   Defence funding for research done in the Xerox Palo Alto
   Research Center (PARC).
- Human Genome Project 15 year project costing US\$3
   billion

- Adequate funding; long time support; private sector involvement, patience
- Create conducive/enabling environment for science

### GETTING OUT OF DONOR BOX BONDAGE







DW

https://www.dw.com > nigeria-approves-200m-to-offset...

### Nigeria approves \$200M to 'fill the gap' from US aid cuts

14 Feb 2025 — **Nigerian lawmakers have approved an additional \$200 million** (around €190 million)

for the health sector, saying the funds would be used to "fill the gap" left ...

B

Bloomberg

https://www.bloomberg.com > news > articles > nigeria-c...

NIGERIA-MAKING US PROUD

### Nigeria Commits \$200 Million to Offset Trump's Aid Freeze

14 Feb 2025 — **Nigerian lawmakers approved an additional \$200 million in federal spending** this year to fund health services impacted by a freeze of US Agency for ...

## **CONCLUDING REMARKS**

## IS AFRICA POOR?

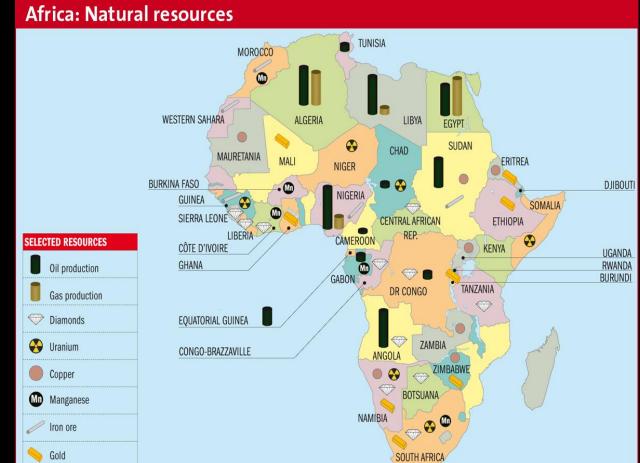
## ARE WE RESOURCE -LIMITED?

ARE WE RESOURCE CONSTRAINED?





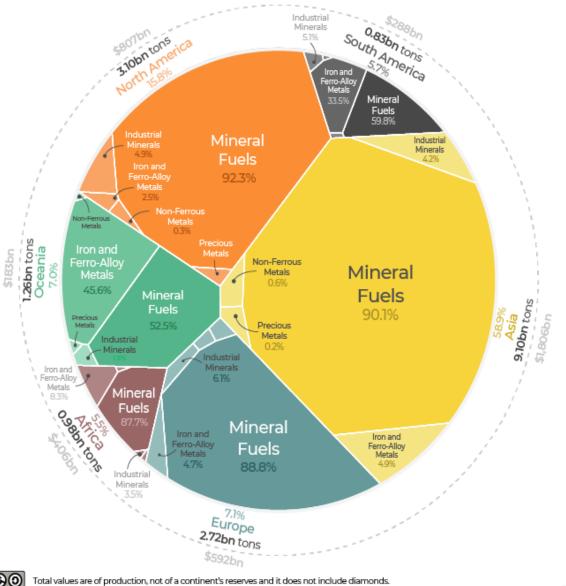
# Africa the rich was, and is being improrverished by poor governnanve riding on corruption



#### **TURAL RESOURCES**

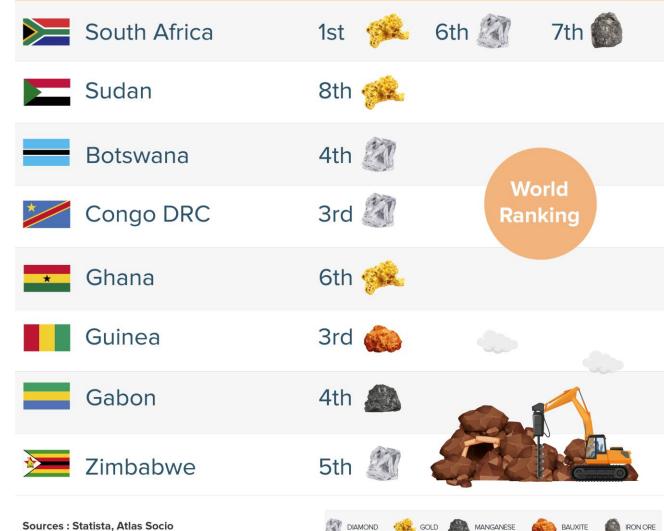
#### orld mineral production

a produces 5.5% of minerals produced globally worth \$406bn.

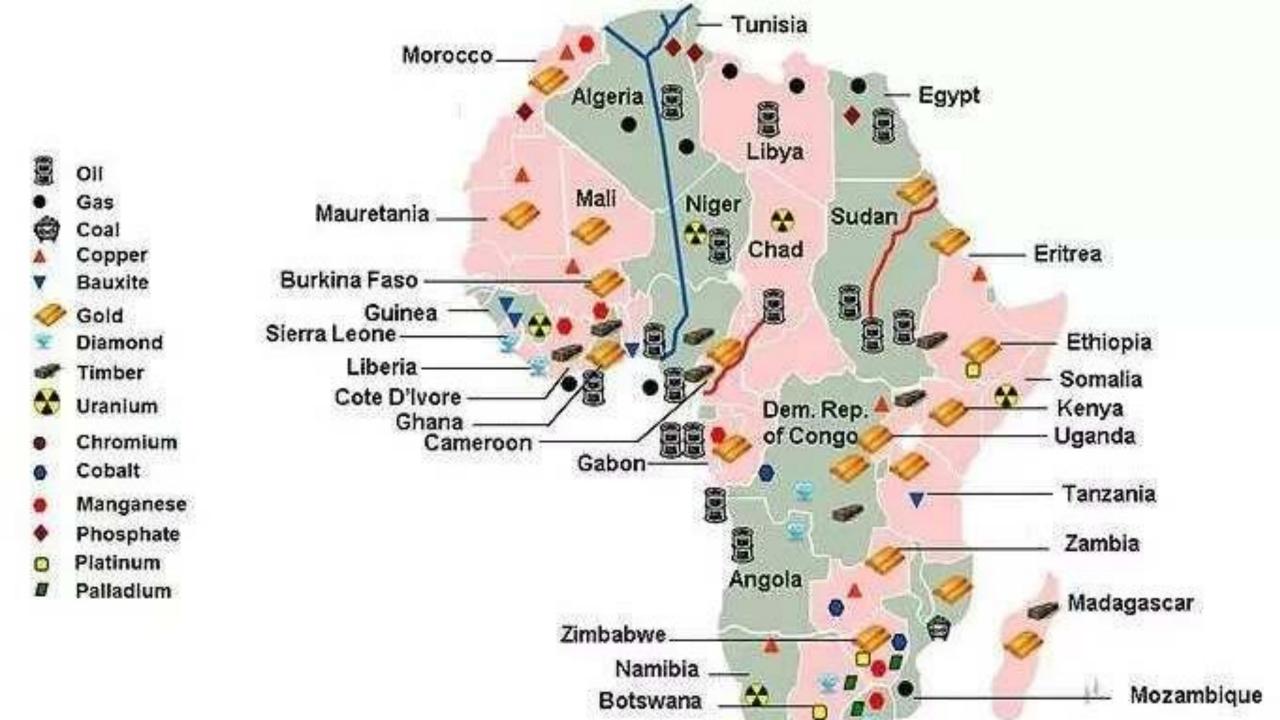


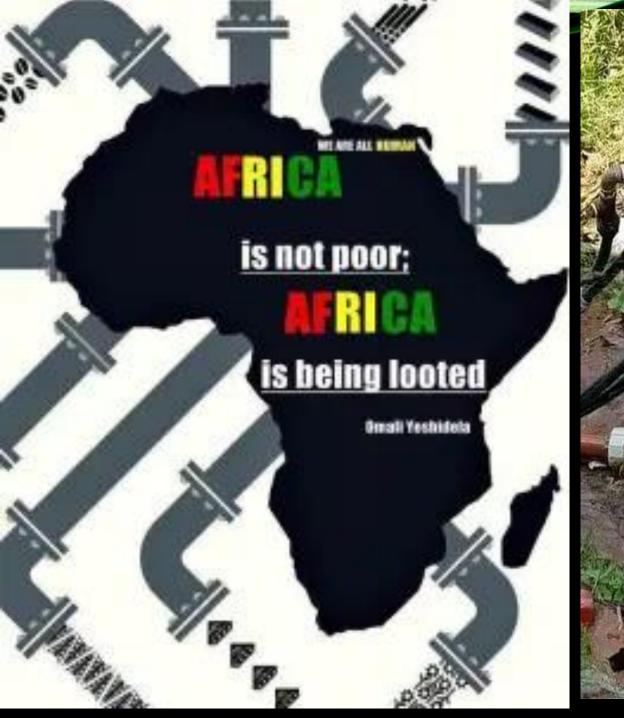














### AMONG THE 23 COUNTRIES BLACKLISTED BY THE EU ARE SIX AFRICAN STATES



kenyanwallstreet.com

# what really do we do with our resources...where do they go?

- · Untapped
- · Unused
- · Underutilised
- · No value added
- Looted
- Stolen
- Wasted,....etc



#### A la-Catch menu starters

- · Zambian Copper Soup
- Guinea Bauxite Salad

#### Main Course

- Sweet Nigerian Oil & Gas
- Highly nuclear Niger Uranium
- Captivating Congolese Coltan

#### Desserts

- Choice of Ghana / Ivoriien Cocoa
- Satisfying Zimbabwe Tobacco
- Aromatic Ugandan Coffee
- Tittilating Kenya Tea

#### Night Cap

- Madagascar Herbal Teea
- Scorching Nigerian Ogogoro



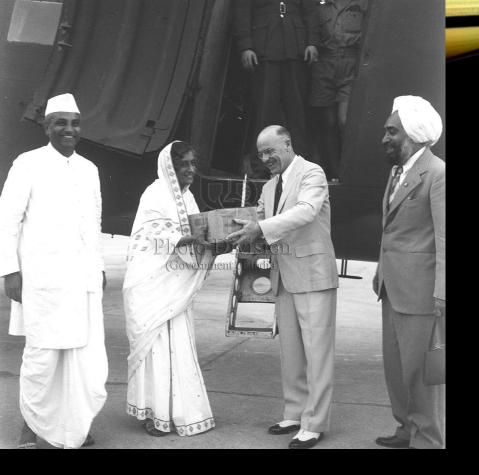
AU's headquarters in Addis Ababa, Ethiopia was fully funded by the Chinese government and

built by the China State Construction Engineering Corp for \$124 million.



Africa CDC headquarters in Addis Ababa, Ethiopia was fully funded by the Chinese government and

built by the China State
Construction Engineering Corp



#### **TIMES SURE HAVE CHANGED!**

NATION WITE

1947

India as 'seeker'

Health minister
Rajkumari Amrit Kaur
went to Canada to
receive a consignment
of Penicillin

2021

India as 'provider'

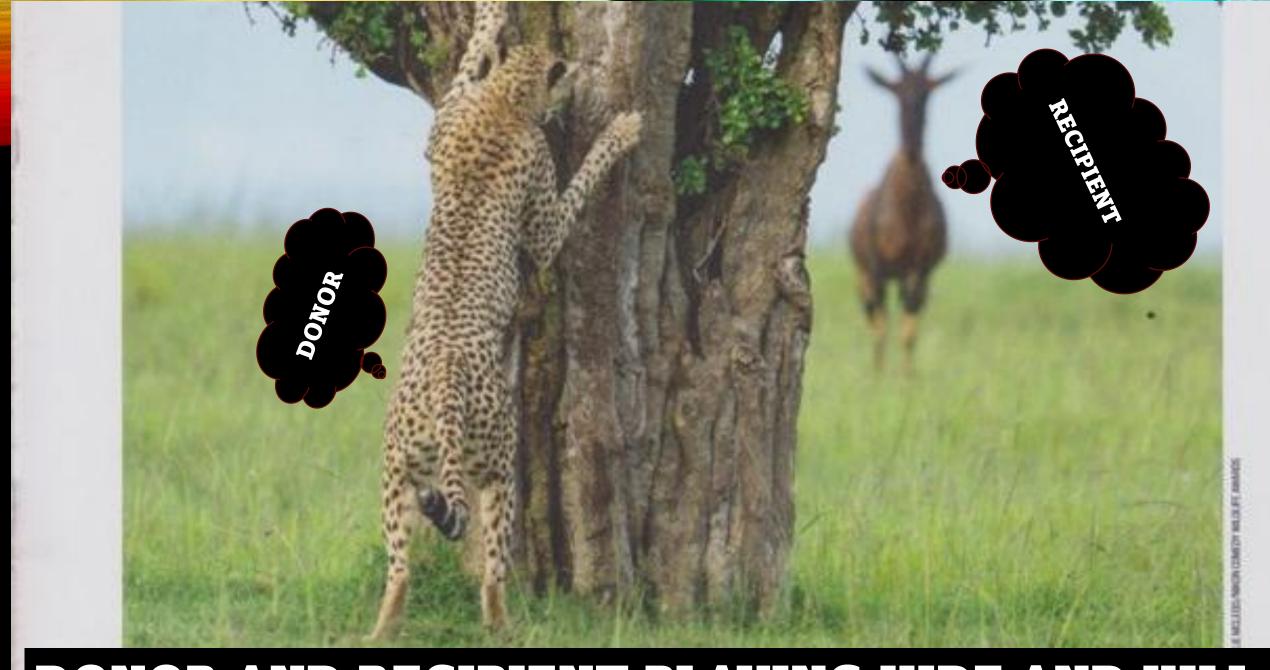
PM Modi assures Canadian PM Trudeau to facilitate COVID-19 vaccines to Canada







## AID RECIPIENTS WAITING TO BE "SUYA-ED" AND "PEPPER SOUP-ED"



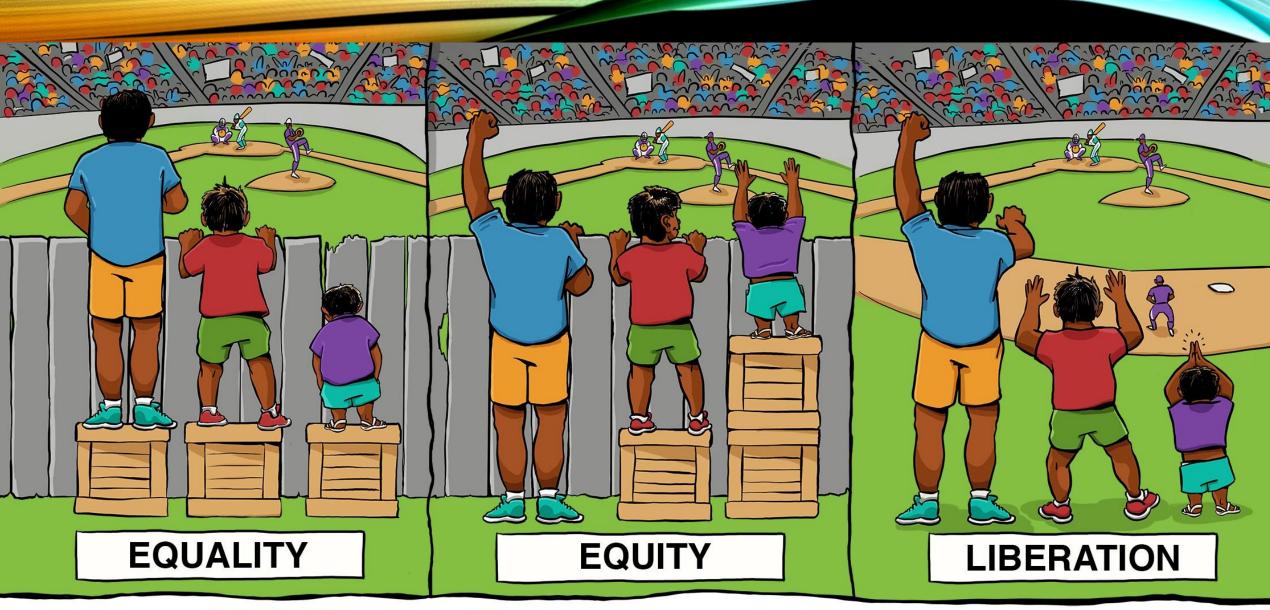
#### DONOR AND RECIPIENT PLAYING HIDE AND KILL

#### WHERE DO WE (NIGERIANS, AFRICANS), COME IN

The A in GLOBAL initiatives stand for AFRICA, but often left out to become GLOBL NITIATIVE, GLOBULE with Africa outside the GLOBE

Recent COVID -19 & monkeypox outbreak I lustrate the points

- Data everywhere, in Africa-INCOMPLETE/INACCURATE
- Medical interventions (diagnostics, masks, drugs, vaccines), everywhere but in Africa, -UNAFFORDABLE/-UNAVAILABLE
- Deaths everywhere, but in Africa, figures INCOMPLETE/ INACCURAT
- Different epidemiology, but we waited for instruction from the West

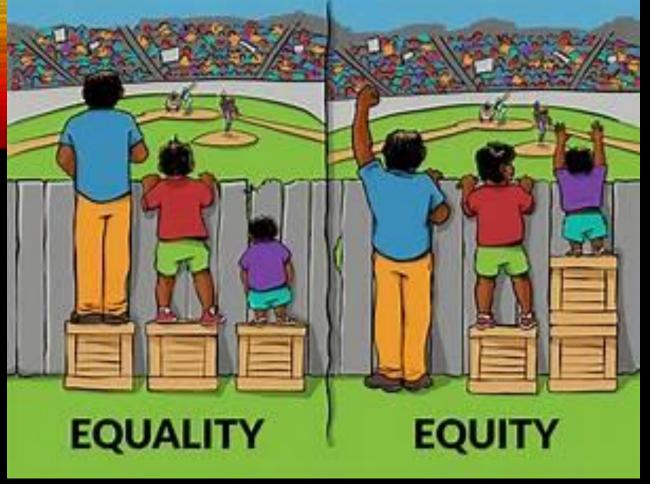


the4thbox.com



I I Interaction Institute
s c for Social Change





One last point & a lesson we must learn from the covid vaccine issue which they eventually gave us, was produced by the ASIAN IN monkey pox, and with every other THE MIDDLE

This is their representation of equity and the difference between equity and equality

What they do not tell you and which you probably pretend to believe

The runt is the African The one in the middle is the Asian The last is the white

The second picture says the whieman gives his stool to the runt so there is equity

As they did with covid vaccine and thing done since colonial times

#### LET US REVERSE THE COVID-19 SITUATION

It was AFRICA, (not the West) that had the massive covid morbidity and mortality

It was AFRICA, (not the West) that deelped, manufactured and produced covid-19 vaccines

It was AFRICA, (not the West) that purchased the vaccines for the use of her citizens

It was AFRICA, (not the West) that had proactive and committed governments that CARE about PUBLIC OPINION

#### WHERE DO WE (NIGERIANS, AFRICANS), COME IN

- Africa has a wrong notion about EQUITY
- You do not BEG or CRY for EQUITY, as we currently do
- You fight (not physically) with our resources (untapped, wastied wasting, illegally shipped out etc.), to negotiate for equity
- To the EQUITY negotiating table
  - If you bring your raw materials you get a RAW dela
  - if you bring NOTHING, you get NO deal or at best CRUMBS

#### WHAT DO WE DO

- ✓ Self reliance. stop begging for aid and crumbs
- ✓ Aid aids the aider more than the recipient says THE BIBLE
- ✓ Reverse illegal transfer of our resources, through accountable transparency
- ✓ Tap untapped resources, Limit waste focus on capacity RETENTION above capacity building

#### WHAT DO WE DO

- ✓ Create an ENABLING environment for built capacity to stay @home and work
- √ Help stem and reverse brain drain
- ✓ Collaborate at home and abroad to develop our nation. Noone, except us will solve our problems
- ✓ Pray AMD WORK for good leaders and leadership

### LET US HELP EACH OTHER, .....



Sample Footer Text

Tuesday, February 2, 20XX

To GEN-OMICS Let us add Socio-nomics Culturo-nomics Relevance-nomics Confidence-nomics

#### Africa must

- stop negotiating from the position of WEAKNESS
- FIGHT for equity WITH WHAT WE HAVE

You bring nothing to the EQUITY TABLE, you get a NEXT TO NOTHING DEAL

You bring your raw material to the EQUITY table, you get a raw deal

### Know who and what you are

Build on your past

As the world scrambles to develop an inoculation against Covid-19, it's worth understanding the early, extraordinary Waiting for pagead2.googlesyndicat... QUE.

1796, EDWARD JENNER, using matter from Nelms' cowpox lesions, he inoculated an 8-year-old boy, James Phipps

1768 - DIMSDALE - English doctor performed the first varioation procedure on Catherine the Great, the Empress of Russia,

1721 – a slave called ONESIMUS bought in 1706, Boston, told his mate he had undergone an operation, BEFORE COMING TO AMERICA, which had given him something of the smallpox and would forever preserve him from it

#### Cotton Mather- slave owner

'Enquiring of my Negro man, Onesimus, who is a pretty intelligent fellow, whether he had ever had the smallpox, he answered, both yes and no; and then told me that he had undergone an operation, which had given him something of the smallpox and would forever preserve him from it; adding that it was often used among the Guramantese and whoever had the courage to use it was forever free of the fear of contagion."



BACKCHANNEL BUSINESS CULTURE GEAR MORE V

CODY CASSIDY

BACKCHANNEL JUN 8, 2020 7:00 AM

#### Who Discovered the First Vaccine?

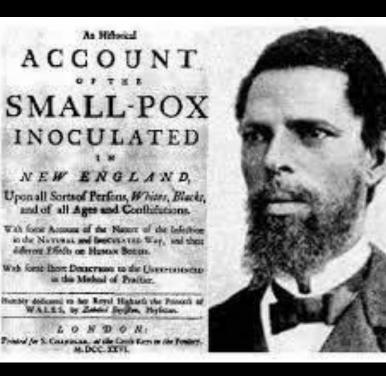
As the world scrambles to develop an inoculation against Covid-19, it's worth understanding the early, extraordinary

Waiting for pagead2.googlesyndicat... que.



The African slave who taught America how to vaccinate itself from smallpox





TO BE SOLD on board the Ship Bance Yland, on tuesday the 6th of May next, at Affiley-Ferry; a choice cargo of about 250 fine healthy

NEGROES,
just arrived from the
Windward & Rice Coast.

-The utmost care has

shall be continued, to keep them free from the least danger of being infected with the SMALL-POX, no boat having been on

board, and all other communication with people from Charles-Town prevented.

Austin, Laurens, & Appleby.

N. B. Full one Half of the above Negroes have had the

# SLAVES WHO HAD SMALLPOX SCAR F ETCHED HIGHER PRICES

N. B. Full one Half of the above Negroes have had the SMALL-POX in their own Country.

ACCOUNT

SMALL-POX INOCULATED

NEW ENGLAND.

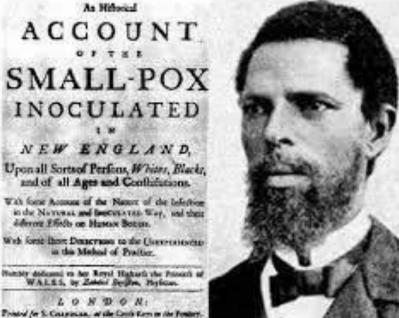
Upon all Sorts of Persons, Whites, Blacks, and of all Ages and Conflictations.

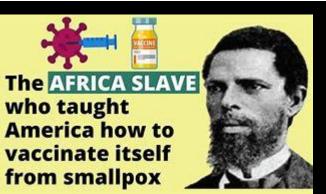
With form Account of the Nature of the Infollowin the Names and Section and Way, and their deferrer Effects on Huston Botton.

With forse these Demorrans to the University of the in this Medical of Practice.

LONDON

Printed for S. Completion, of the Confe Grow or the Fords M. DCC, XXVI.





ACCOUNT

MALL-POX

NOCULATED

N PW PATOT AND



the least danger of being infected with the SMALL-POX, no boat having been on board, and all other communication with people from Charles-Town prevented. .

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Upon all Sorts of Pe and of all Ages

With some Account of the in the NATURAL and In different Effects on Hi

With some short DIRECT in this Metho

Humbly dedicated to her R WALES, by Zaba

LON

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Yes, IFA does in several instances

Yam is sweet with palm oil, plantain is sweet with efo riro-vegetable soup. So is man having sex with woman better than man having sex with man or woman having sex with woman.





waaseret

Sex between man and woman, whether done standing, bending or lying down with leas scattered....IS SWEET







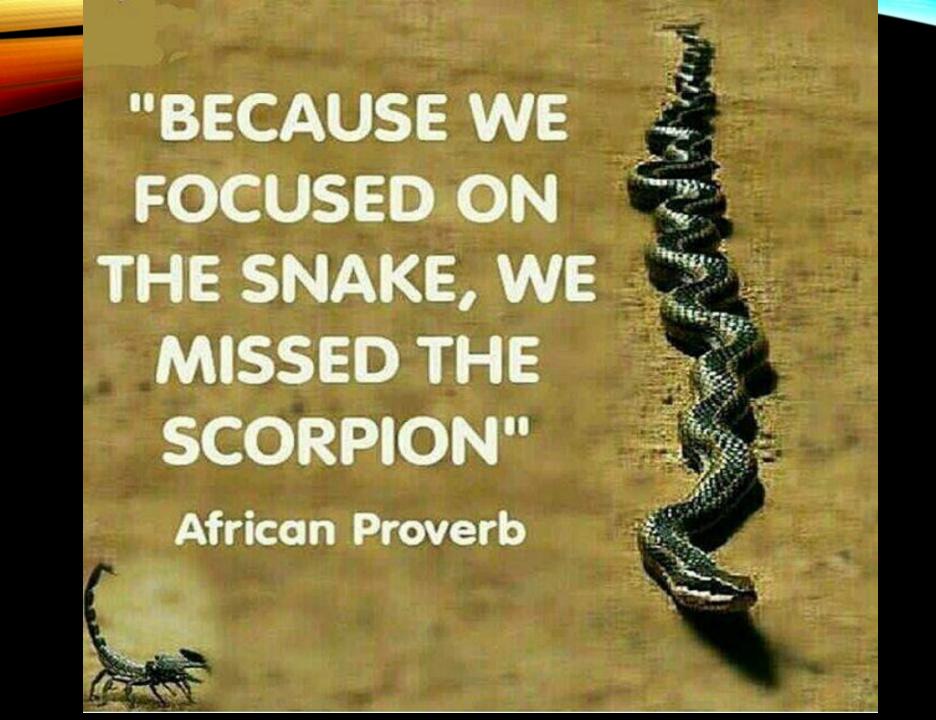
On the other hand man having sex with man is like wading through a thicket. It is like punching the wall with your bare knuckles. it is a boil-an inflammation

And when it is a woman with a woman, it is like wading through a messy, murshy, marshy place, it is like agba arin

IT IS DEATH UPON DEATH

## THE AFRICAN SCIENTIST IN HIS/HER ENVIRONMENT

The scientist in Africa must appreciate that his learning and expertise have conferred on him the additional position of guide, teacher, mentor and the beacon to his society. He is not just a crusader for his own rights, but also for the larger society, especially the under-served, marginalized, down trodden, the disregarded and overlooked citizens of our nation.



When the shadow of a tree is bent, straighten the tree not the shadow.

Things have falebl apart- the center is no longer holding- adapted from (C. Achebe)

#### **AFRICAN AND AID MONEY**



Money can't talk, yet it can make lies look true. ~

So it is with international aid

## To successfully communicate science you must KNOW the mood of the Honourable/ Excellency















"If you are a married man and you find yourself attracted to school girls, just buy your wife a school uniform."

-ROBERT MUGABE

#### I LEAVE YOU WITH ONE MORE WISE SAYING OF "SEKURU" OWINO OLANG



A child can play with its mother's breasts,

but not with its father's testicles.

### When they say THINK OUT OF THE BOX, ask yourselves these questions

Who put me in the box or how did I get in the first place?

Why am I still thinking out of the box, when I SHOULD GET OUT THE BONDAGE OF THE BoX

When they say you are resource-limited or constrained...

Tell them it is a lie from the pit of colonialism.

Tell yourself, I AM RESOURCE WASTEFUL AND RESOURCE
SQUANDERING governor's entourage 20cars, no bicycle in phc



I think my time is up

I thank YOU ALL for your time, attention, attendance and for the invitation.

#### Distinguished Ladies & Gentlemen

