

ISSUE: 17 (July, 2022)

CRIN 2022 In-House Research Review



The In-house Research Review of the Institute took place from June 14 to 16, 2022 in the tastefully furnished Lawrence Opeke Conference Hall with over 190 participants in attendance. It was a forum for the Heads of Programmes to present the research reports of 2021 as well as the proposals for year 2022 research activities. The theme of this year research review is: *National Economic Empowerment through Sustainable Research and Development of Cocoa, Cashew, Coffee, Kola and Tea.*

In his opening speech, the CRIN Executive Director (ED), Dr. Patrick Adebola, noted that research is the backbone of the Nation's food security and development, hence the need to pay attention to its preparation and execution for quality output. He opined that "addressing the issue of food security has to be through

research, because if there is no research focus, there is no way we can increase food production or ensure that the food we are producing are nutritional and ensure increased yields by farmers. The Institute will keep producing new varieties of our mandate crops to sustain the economy and food production in the country."



The ED CRIN, Dr. Patrick Adebola, noted that farmers are scattered all over the country and there is dearth in the number of Extension Officers to reach them. To bridge this gap, the ED pointed it out that CRIN, from time to time, organises a lot of training and workshops to reach the farmers. He, therefore, enjoined the Federal Government to continue to support the Institute so that we will have more extension officers that can take all the technologies back to the farmers for them to be able to adopt them.



In his keynote address, the Managing Director/CEO Harvestfield Industries Limited, Mr. Martins A. Awofisayo, represented by the Chief Operating Officer of the company, Dr. Abdullahi Ndarubu,





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opined that Public Private Partnership (PPP) will translate into sustainable food security. Private sectors and research institutes must synergise towards National Economic Empowerment.

The In-house Research Review attracted the who-is-who in research from the Universities, Research Institutes and Private Sectors in Nigeria as well as technology off-takers in order to thoroughly scrutinise the reports and proposals. Notable among the dignitaries in attendance was Professor Gerald Iremiren, who happened to be the longest serving Executive Director of the Institute.



Prof. O.M. Aliyu leading a technical session



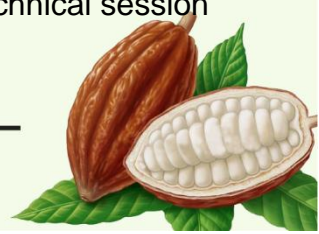
Prof. R.A. Sanusi leading a technical session



Prof. J.C. Anikwe leading a technical session



Other former staff of the Institute, who shelved their busy schedules in order to honour the invitation of our amiable Executive Director, Dr. Patrick Adebola to the event were Prof. O.M. Aliyu, Prof. L.A. Hammed, Prof. A.O. Olaiya, Prof. R.A. Sanusi, Prof. S.O. Adeogun and Prof. J.C. Anikwe, Sanusi.





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Prof. Adeogun leading a technical session



Dr. Olajide-Taiwo leading a technical session

Able to present at the meeting were also Oyo State Agric. Extension and Tree Crop Development Unit, Forest Economic Extension Services, National Agricultural Extension and Research (South West Zone), Institute of Agricultural Research and Training, Abia State Agricultural Development Program, Tulip Cocoa Processing Limited, Cocoa Farmers Association of Nigeria, Coffee and Tea Farmers Association of Nigeria, Kola and Bitter Kola Farmers Association of Nigeria and CRIN adopted farmers.

The media was not left out as the Nigerian Television Authority and CEO Africa were on ground to give the event the widest coverage. The Heads of Programmes took turns to make presentations on their respective crops while the chairmen and the audience made vital inputs in order to give the research a

national outlook. At the end of the program, a communiqué was presented for interaction along the value chain of the mandate crops.



ED contributing during the discussion session



Prof. Hammed contributing during the discussion session



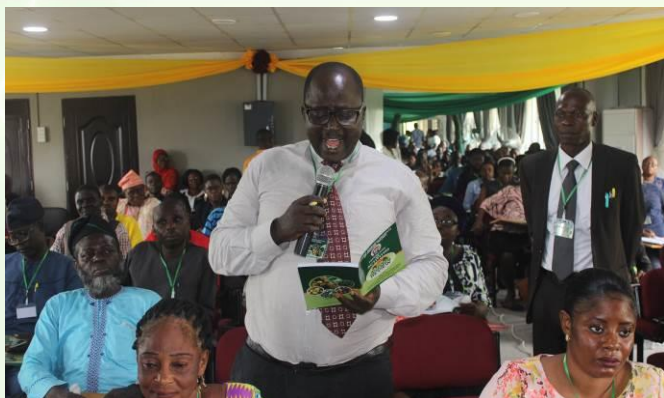
Reaction by one of the audience





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Reaction by one of the audience



Cross section of refreshment galore



The media with the ED, Dr. Patrick Adebola



Cross section of the Group photograph

Birthday Bash for Prof. Iremiren



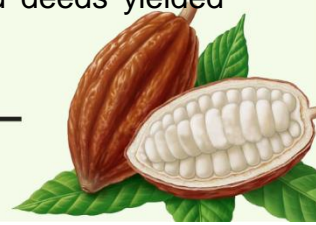
The Institute organised a surprised birthday in honour of Prof. Gerald Iremiren who turned 75 on June 15, 2022. The erudite Professor, for the love the Institute, arrived on June 13, 2022 in order to grace the in-house ceremony on the 14th despite the nearness of his birthday. It was indeed an emotion laden event as both past and present staff of the Institute took turns to pour encomium on the celebrant. The Prof., who fought back tears, was visibly taken aback at the show of love by the Institute he left over ten years ago. Indeed, the fruits of his good deeds yielded good dividends.



Registration desk



Some of the rapporteurs





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The Celebrant and the Executive Director



The Celebrant and the Management Team



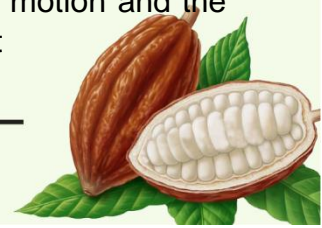
Present and past staff with the celebrant



Revitalisation of CRIN Bakery



The bakery of the Institute, the first of its kind in the production of cocoa bread, commenced production on June 7, 2022. This edifice has suffered neglect as a result of brazen mismanagement. The visionary Executive Director of the Institute, Dr. Patrick Adebola, took up the gauntlet, equipped the edifice with modern facilities and ensured that production commenced full scale at the bakery. It is strictly managed on Public Private Partnership (PPP) with the Institute's Cooperative Investment and Credit Society (CI&CS) for optimum dividend. All machineries have been set in motion and the improved brand of the product has been rolled out.





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The bread mixer equipment



The Oven



The Roller



Excited CI&CS Executives with the Bread

Nigeria's Cashew Export and Value Addition Promotion to Receive A Boost of up to \$4bn



The United States Department of Agriculture (USDA)'s Africa Cashew Alliance and West Africa Pro-Cashew are making frantic efforts at increasing Nigeria's annual cashew production to 500,000 metric tons, that will generate about \$4bn revenue.





Cross section of cashew stakeholders at the meeting

At the maiden policy dialogue with cashew stakeholders in Lagos, the Chief of Party, Cultivating New Frontiers in Agriculture (CNFA), Jean Francois Guay noted that Nigeria is the second largest cashew producer and exporter in West Africa with potentials to increase export; provided appropriate attention is paid to increase productivity, quality and value addition.

Also speaking, Shakti Pal, regional policy expert, Cashew Value Chain, Pro-cashew said the sector needed restructuring to ensure sustainable earnings for players in the value chain. He further stated that the commodity has enormous potentials in the global market especially when proper quality measures are ensured for the export products.

The country representative, Nigeria, West Africa PRO-Cashew, Olorunfemi Toyin explained that the Pro-Cashew project began in Nigeria this year with the commissioning of a baseline survey to identify the challenges in the Cashew Sector and proffer the way to improve on production and value addition through research in Nigeria Cashew Value Chain through the deployment of research activities methodologies that will remedy the gaps.

In the same vein, Roland Oroh, Chairman, National Cashew Steering Committee said he noted that the Development Gateway (DG) is partnering with CNFA alongside USDA West Africa Pro-Cashew project to develop the

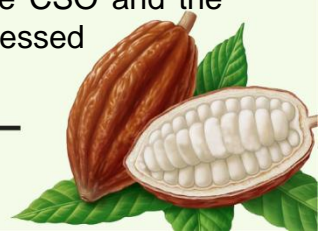
Cashew-IN data collection and analysis platforms. The project has identified gaps in data collection, storage, usage and dissemination in cashew sector in all five implementing countries (Côte d'Ivoire, Benin, Burkina Faso, Ghana and Nigeria). Oroh, currently observed that institutions such as the Cocoa Research Institute of Nigeria (CRIN); the Federal Ministry of Agriculture and Rural Development (FMARD); the Federal Ministry of Industry, Trade and Investment (FMITI); Nigeria Export Promotion Council (NEPC); Central Bank of Nigeria (CBN); National Cashew Association of Nigeria (NCAN); National Bureau of Statistics (NBS) and Nigeria Agribusiness Register (NAR) all have some bits of cashew data, that are to be aggregated to give real time value for the data users. He said the plan is to have a single data platform for all stakeholders in cashew sector.

ARCN News

We Want the Name of ARCN to Go Places – Sharubutu



The opening of 2022 tender bid documents for capital appropriation was held on May 30, 2022 at the Agricultural Research Council of Nigeria (ARC�). At the opening of the tender bid documents for 2022, the Executive Secretary, Prof. Garba Hamidu Sharubutu, mni heartily welcomed the participants especially the members of the CSO and the bidders. Prof. Sharubutu expressed



the regrets that many prospective contractors are not interested in tendering their bid because there is no much profit.

The ES further opined in his words that "our budget has narrow margin but despite that we need to build the system as there is no time for largesse for now." The ES, however, challenged the members of the CSO not to stop at the level of observing, but to feel free and ask questions on whether the jobs so bidden for are actually being done. According to him, "we want the name of this organization to go places, a task which can only be achieved when we get value for money."

In his conclusion, Prof. Sharubutu noted that there is an annual evaluation exercise being done by the ICPC which includes but not limited to file movements. In their response, a member of the CSO expressed deep appreciation on the tremendous cooperation they have enjoyed under the leadership of the ES thus far and declared their satisfaction on the entire procurement exercise which, according to him, meets with the international best practices.



Cross section of the Dignitaries at the event

Courtesy Visit by Traditional Rulers of Land Donor Communities



On the 7th June, 2022, the land donor communities of the National Root Crops Research Institute (NRCRI), Umudike paid a courtesy visit to the Executive Secretary of ARCN, Prof. Garba Hamidu Sharubutu mni. The team was led by HRH Eze

Ben Oriaku, Dike 1 of Umudike, the traditional ruler Umudike Autonomous Community. In the company of the traditional ruler was Hon. Samuel Ifeanyi Onuigbo of the Fed. House of Representatives and the President General of Oboro Clan Welfare Association, Chief Matthew Ifenkwe. Apart from informing the Council of the existence of Traditional rulers of land donors, the paramount rulers also sought for a mutually beneficial relationship, as well as erosion of any friction that could affect industrial peace and harmony.

Earlier, the ES welcomed the entourage and assured them that the concerns raised would be taken up because they are genuine concern. He noted that the Institute is about to sponsor the construction of a laboratory that is supposed to be specialized in handling all aspects of cassava produce and according to the ES, the proposal has been accented to by the Hon. Minister.

On the recruitment of new CEOs





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of NARIs, Prof. Sharubutu assured in his words that "in the scoring system, there will be the inclusion of the ability to relate very well with the host Community", while also indicating that special attention will be paid to competence on the recruitment of new research officers to NARIs.



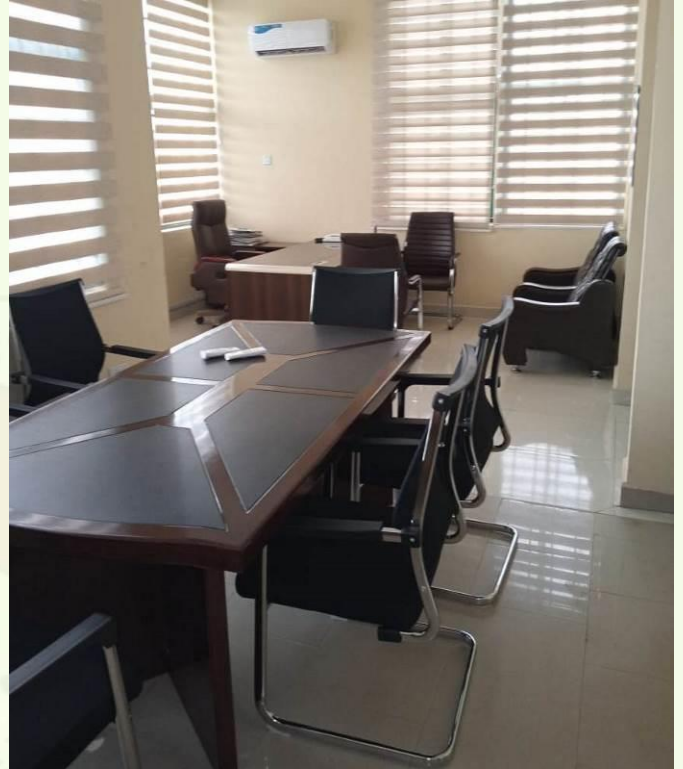
Group photograph between the ES, ARC staff and the paramount rulers

Inspection of Ongoing Work at ARC Old Building



As the general renovation and rehabilitation works for the old ARC building continues in earnest, the Executive Secretary of ARC, Prof. Garba Hamidu Sharubutu mni, in his characteristic manner, conducted an on-site

comprehensive inspection of the entire building including the supply of new furniture to some directorate offices.



Tastefully furnished offices

(ARC Report by Kayode I. Aiyedogbon, Head, Protocol and Publicity)



HEALTH NEWS

MONKEYPOX - Mrs. Bosede Famaye



Monkeypox is a rare disease similar to Smallpox caused by the monkeypox virus. It's found mostly in Africa but has been seen in other parts of the world. In the summer of 2021, a case of monkeypox was found in a U.S resident who had

traveled from Nigeria to the United States. Anyone can get monkeypox. However, it's more common in children of African descent; 90 percent of the infected are children under 15 years old.

Signs and Symptoms of Monkeypox



Monkeypox symptoms are similar to but milder than Smallpox symptoms. Early signs of monkeypox include

flu-like symptoms such as Fever, Chills, Headache, Muscle aches, Fatigue and Swollen lymph nodes. After one to three days, a rash with raised bumps develops. The rash often starts on the face and then spreads to other parts of the body including the palms of the hands and soles of the feet. The rash starts as flat, red bumps which turns into blisters filled with pus. After several days, the blisters crust over and fall off.

Modes of Spread of Monkeypox

Monkeypox is spread when one comes in contact with an animal or a person infected with the virus. Animal-to-person transmission occurs through broken skin such as bites or scratches, or through direct contact with an infected animals blood, bodily fluids or pox lesions. Monkeypox can spread from person to person as well when one comes in contact with virus particles from another person. When an infected person coughs or sneezes,

the virus can be transmitted through airborne droplets. One can also get it directly from touching the lesions on an infected person. Monkeypox can also be gotten by coming into direct or indirect contact with materials contaminated with the virus. These materials can include clothing, beddings and other linens used by an infected person or animal.

Diagnosis

Because monkeypox is so rare, health care provider may first suspect other rash illnesses such as Measles, Chickenpox or even Smallpox. However, swollen lymph nodes distinguish monkeypox from other poxes. A tissue sample is looked at with the aid of a microscope. A blood sample can also be taken to check for the monkeypox virus. A blood sample could also be obtained to check for the monkeypox virus or antibodies your immune system makes of it.

Management and Treatment

There's currently no proven, safe treatment available for monkeypox. Antiviral drugs may help, but they haven't been studied as a treatment for monkeypox. However, symptoms may be relieved with the use of drugs. Most people get better on their own without treatment. If there's an outbreak of monkeypox in multiple people; the Center for Disease control (CDC) has options to control the spread of the disease using the Smallpox vaccine and other treatments.

Prevention

A Smallpox vaccine can provide protection against monkeypox. Prevention depends on decreasing human contact with infected animals and limiting person-to-person spread by;

- Avoiding contact with infected animals (especially sick or dead animals).
- Avoid contact with beddings and other materials contaminated with the virus.





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- Washing hands with soap and water after coming in contact with an infected animal.
- Thoroughly cooking all foods that contain animal meat or parts.
- Avoiding contact with people who may be infected with the virus.
- Using personal protective equipment (PPE) when caring for people infected with the virus.

Lifespan and Caution

Monkeypox normally takes about two to four weeks to run its course. If one is exposed to monkeypox, the health care provider will monitor the person for 21 days. Monkeypox is milder than Smallpox, but it can still be fatal. Monkeypox causes death in up to 10 percent of cases. With the outbreaks of the disease, it is important to be aware of the symptoms so as to initiate early treatment and full recovery from the illness.

Staff of the Month: Mr. Monday O. Elugbe



Mr. Monday O. Elugbe is an Agricultural Superintendent Officer serving at CRIN Ochaja Substation. He joined the service as Higher Agric. Superintendent (HAS) on April 01, 2008 on transfer from the Federal Ministry of Education. He is

currently an Assistant Chief Agricultural Superintendent (ACAS). Mr. Elugbe was born on May 15, 1965 in his home town Okpa Emai, Owan East Local Government Area of Edo State. He obtained his Primary School Leaving Certificate at the Owuno Primary School in 1977. He attended his Post Primary Education at the St. James Grammar School Afuze Emai and obtained a General Certificate of Education in 1982.

He proceeded to the Bendel State College of Agriculture and bagged National Diploma in Agriculture in 1984. Thereafter, he attended Ahmadu Bello University College of Agriculture, Zaria where he bagged Higher National Diploma in 2002. Mr. Elugbe is an experienced officer par excellence. He is dependable, trustworthy and discharges his duties without fear or favour. The officer will be greatly missed as he prepares for his retirement later this year.

May Birthday Galore

Hearty birthday celebrations to the members of staff that will be celebrating their birthdays this month. Wishing you all the very best in your life endeavours. Congratulations!



Oduwale Olusoji Odubodunrin	01-July
Pelemo Ademola	01-July
Akinpelu Ayodele Oladipo	01-July
Oluwale Segun	01-July
Ogundare Omolara Aduke	01-July
Akintoroye Johnson Akinyemi	01-July
Azeez Olawale	01-July
Etta Ntuiokwa	02-July
Ezebuio Promise Ulonnam	02-July
Emaku Eunice Bukky	02-July
Agbola Olufemi Omotunde	04-July
Bolarinde Oluwafemi Joel	04-July





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Adeosun Janet Omolola	04-July	Effiong Ezekiel Effiong	21-July
Nmeregini Uwadiaru	04-July	Oyinlade Ayodele	21-July
Okoro Chinedu Kingsley	04-July	Famaye Amos Olatunde	22-July
Enya Monday Edni	04-July	Onatunde-Onanuga Adesola O.	22-July
Lawal Oluwafemi Esther	07-July	Anthony David	22-July
Moses Philipian	07-July	Nwaolise Alexander Atunche	26-July
Anagbogu Chinyere Florence	08-July	Oselaye Joseph	26-July
Ganiyu Janet Funmilayo	08-July	Akinola Bukola	26-July
Bakare Opeyemi	08-July	Adeyemo Regina Folasade	27-July
Odeyemi Elizabeth F.	09-July	Olumini Olukemi Modupeola	27-July
Ogunleye Oluwagbemisola B.	10-July	Modebei Timothy Somayina	27-July
Philips Emmanuel Ovie	10-July	Otuonye Azuka Henry	27-July
Ajirotutu Sunday Mayowa	12-July	Ajulo Felix	27-July
Durodoye Dauda	12-July	Agwimah Justina Adesua	28-July
Awodumila David Jimoh	13-July	Iyamu Ikechukwu	28-July
Olaleye Folasade	13-July	Adesakin Alice Olubunmi	30-July
Adebowale Babasola Agboola	15-July	Adegboye Jibola	31-July
Otitoloju Omosalewa Oluwaseun	15-July	Oghenegueke Victor	31-July
Isiyaku Alhaji Musa	15-July		
Muraina Lukman	15-July		
Azeez Kafayat	16-July		
Salawu Adetunji	16-July		
Emaku Mary	17-July		
Adewunmi Abigael Olawumi	17-July		
Adedeji Kehinde	17-July		
Udoh Nathaniel Effiong	18-July		
Ola Olutola Stephen	19-July		
Abass Saheed Temilade	19-July		
Sulaimon Feyisetan O.	19-July		
Onwudi Maria	19-July		
Olorunkalu Taye	20-July		
Ajiboye Olugbenga Samuel	21-July		

