



NORTHERN CARIBBEAN UNIVERSITY

A Seventh-day Adventist Institution

BUILDING PARTNERSHIPS TO ENDURE THE NEXT CENTURY



Building
Character
Creativity
COMPETENCE



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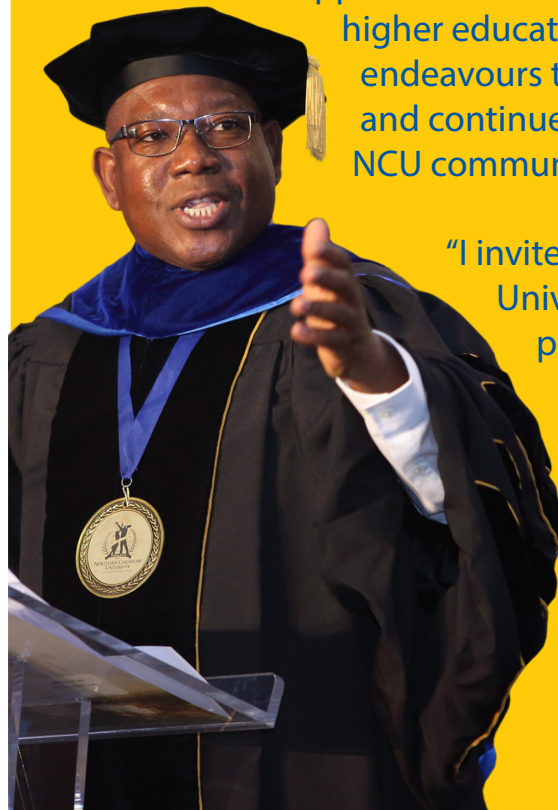


Appeal FROM THE PRESIDENT

"As president of this noble institution, I want to see it move to a place of financial independence, where it can continue to provide opportunities for young persons, who lack the resources to access higher education; become more deeply entrenched in research endeavours that will positively contribute to nation building; and continue to meet the deep-seated spiritual needs of the NCU community as well as the wider community".

"I invite West Indies College and Northern Caribbean University alumni, along with members of the philanthropic Community, to partner with the Administration in raising funds in a sustained way to equip the institution to endure the next century."

"Your financial support will ensure that current and future students benefit from the values-based education with a strong work ethic that NCU provides."



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NCU in the Second Century

TECHNOLOGY

The University Information and Systems Services (UNISS) continues to provide critical technological support to the operation of the institution. The work of the department has been critical in helping the institution to transfer to virtual and remote instruction following the suspension of face-to-face classes because of COVID-19. In addition, UNISS has upgraded the Aeorion learning management system which it has developed and sold to several institutions.

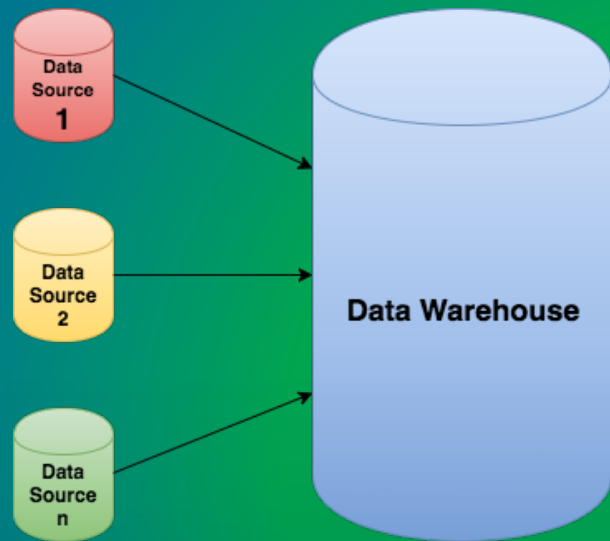
1. Building of a Data Warehouse

NCU has embarked on the building of a data warehouse:

A data warehouse is used for collecting and managing data from varied sources to provide meaningful business insights.

This was being done to assist the University in augmenting its current systems which are used for reporting and data analysis, and was considered a core component of business intelligence.

It will serve as a central repository of integrated data from one or more unrelated sources.



2. Advance NCU to the forefront for Online Learning

By equipping the Distance Learning Centre to drive the online delivery of both graduate and undergraduate programs to students in Jamaica, the Caribbean, and other parts of the world.

Key Performance Indicators

- Offer 90% of undergraduate and graduate programs fully online
- Establish 10 full multimedia/smart classrooms



NCU in the Second Century

Advance NCU to the forefront for Online Learning

- Increase enrolment of international students by 80%
- Have 90% of faculty fully trained and equipped to use technology for instruction
- Provide all the required software/hardware for instruction
- Provide IT training certification programs for faculty/staff
- Deploy E-Books and mobile devices campus wide

- OLAP Analysis
- Reporting
- Data Mining

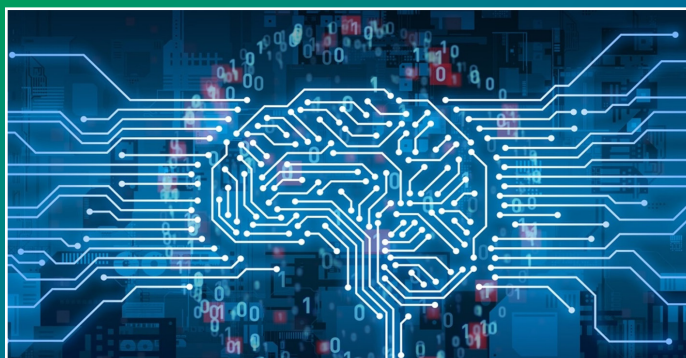


President Lincoln Edwards (right) converses with deans after presenting them with tablets donated by Zyva Technology.

3. Increase revenue through Software development and sales

Currently five other tertiary institutions have subscribed to the Aeorion student management system developed by NCU.

4. Position NCU as a leader in Research, Computing and Innovation



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NCU in the Second Century

RESEARCH



NCU has a proud record of research work including the identification of anti-cancer properties in the sorrel plant from which a popular drink is made. NCU scientists also did the initial testing on a ginger-like plant from which the **McGhie Jamaican Cinnamon Ginger** has been derived and is used to produce a nutraceutical drink -Zon Teasan- with health benefits.



The university's research goals include the following:

1. Promote a healthy population through cutting edge research into nutraceuticals with a focus on cancer, diabetes and hypertension. To accomplish this goal requires the establishment of a modern animal house for animal-based research, a cancer research facility, a chronic disease research laboratory
2. Increase population food security and positively impact the agriculture sector by the development of a herbicide to facilitate the control of Themeda arguens (Piano grass) in Jamaica; and the production of high quality disease free plants using tissue culture
3. Provide social interventions that will ameliorate the increase in domestic violence due to COVID-19, and address community attitudes to persons with disabilities.



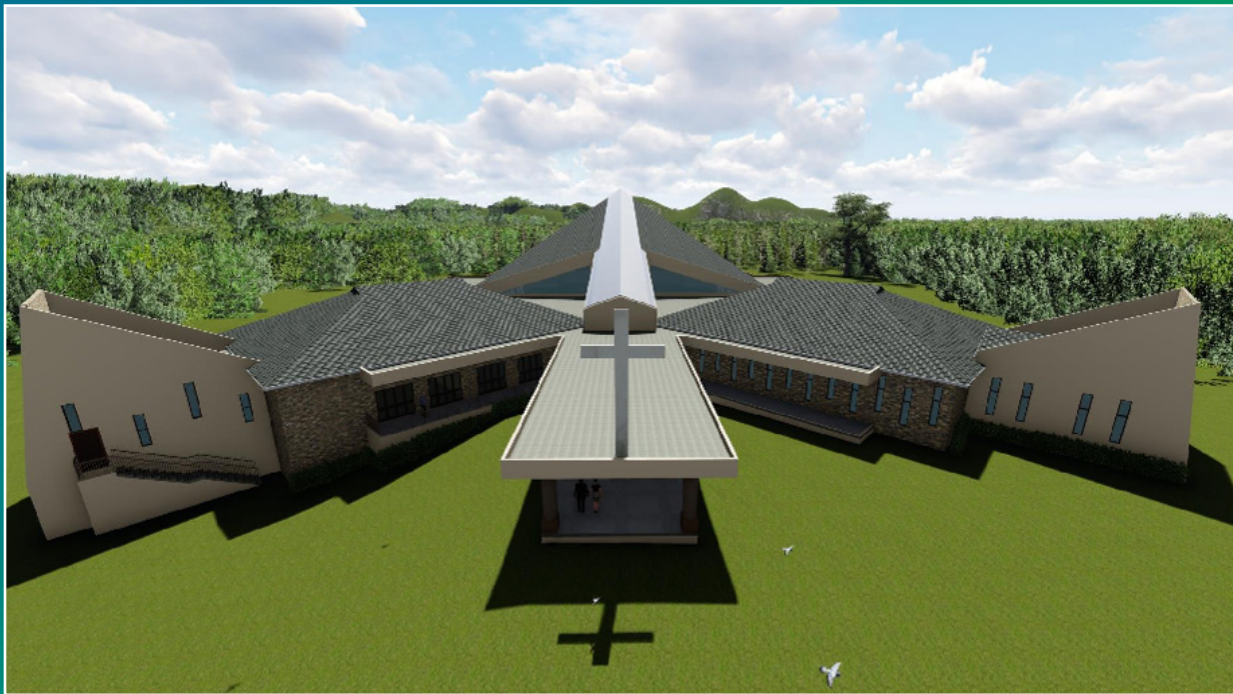
4. Enhance the use and development of robotics and artificial intelligence and research into machine learning

5. Promote environmental conservation by utilizing treated red mud waste in pavement construction to reduce the proportion of Portland cement in mortar blocks.

NCU in the Second Century

SPIRITUAL NURTURE

NCU continues to meet the deep-seated spiritual needs of the campus community as well as the wider community by aiming to complete the construction of a **state-of-the-art university church complex** that will be used for worship as well as education and training of students pursuing studies in religion and theology.



A city on a hill enlightens the world. (Matt 5:14)

Student Achievements

NCU students are champions in innovation. Here are highlights of their achievements

2007	NCU achieves third place win in the Microsoft Imagine Cup Competition
2010	NCU wins Microsoft Imagine Cup software and was declared world champions.
2014	Team Herboo - First place win in the National Business Model Competition
2015	Jargro - First Place win in the National Business Model Competition
2016	Team Guardana - First Place win in the National Business Model Competition
2017	<ul style="list-style-type: none"> ● Team Natsima Nutraceuticals - First Place win in the National Business Model Competition ● First Place win in the National Collegiate Debate ● First Place win in the Girls in ICT Caribbean Hackathon competition
2018	<ul style="list-style-type: none"> ● Team Baesc Tech - Fourth Place win in the National Business Model Competition ● Team Baesc Tech - First Place win in the International Business Model Competition ● First Place win in the Girls in ICT Caribbean Hackathon competition ● First Place win in Scientific Research Council's National Science and Technology Fair Competition ● Team Pneulyfe won the National Science and Technology Competition (National Science and Technology Fair) hosted by the Scientific Research Council of Jamaica, along with the Best Commercial Product trophy.
2019	<ul style="list-style-type: none"> ● The NCU Team of students, led by Dr. Patience Alonge, with its research project SoTare: The Root Tube Hydroponics System, won the National Science and Technology Competition (National Science and Technology Fair) hosted by the Scientific Research Council of Jamaica. ● The NCU Team of students, led by Mr. Keron Tooma, with its research project Pet Eating Timing System, got second place in the National Science and Technology Competition (National Science and Technology Fair) hosted by the Scientific Research Council of Jamaica. ● NCU's top GPA student, Arton Wedderburn, is awarded second place as Most Outstanding Student of the Year by the Joint Committee on Tertiary Education (JCTE) Awards Ceremony on December 12, 2019.
2020	Antoine Walker, a United States army veteran, enrolled in the Criminal Justice programme in Spring 2020. He was the first US army veteran to do so.
2021	<ul style="list-style-type: none"> ● Second-year NCU student, Crystal Scale, is awarded the 2020 Governor-General Achievement Award Ceremony held on February 12, 2021. ● NCU Alumna Cori Gordon, CEO of Cortoyou is recognised as the youngest Amazon courier partner in the history of the company at 28 years old.