



DLSU professors publish works in high impact journals

IN COLLABORATION WITH OTHER SCIENTISTS IN THEIR RESPECTIVE FIELDS, two De La Salle University professors saw the publication of their works in high impact journals. One of the papers focuses on creating net-zero strategies of paper-related sectors, while the other is paving the way for a new class of ultimately thin, polarization-sensitive emitters to be used in future integrated quantum photonics devices.

Continue on Page 2 >

What's inside

Top performance in board exam for teachers	2
Carmelita Ignacio Quebengco: A Life in Words and Pictures	3
Students receive awards in NMUN Germany 2023	4
DLSU among the world's sustainable HEIs	5

University Fellow, co-authors seek to mitigate greenhouse gasses

University Fellow Prof. Anthony Shun Fung Chiu of the De La Salle University Department of Industrial and Systems Engineering co-authored an article titled, “Country-specific net-zero strategies of the pulp and paper industry”, which has been accepted for publication in *Nature*.

The article is the first from DLSU in the prestigious scientific journal, and only the 22nd from the Philippines outside of the field of medicine. *Nature* is the world’s top-ranked multidisciplinary journal with a 2022 Impact Factor of 64.8.



Chiu

The paper documents the joint effort of an international team of 15 researchers from the USA, China, Philippines, and Brazil. Prof. Chiu said the research work is one of the outputs of the UNEP-NSFC funded project of 2019-2022.

It developed a comprehensive bottom-up assessment of net GHG emissions of 47 domestic paper-related sectors in 30 major countries from 1961 to 2019—about 3.2% of global anthropogenic GHG emissions from the same period—and explored mitigation strategies through 2,160 scenarios covering key factors.

To access, visit: <https://www.nature.com/articles/s41586-023-06962-0>

Physics prof, collaborators pioneer advances in carbyne research

Professor Richard Hartmann of the De La Salle University Department of Physics co-authored an article titled, “Polarization-sensitive photoluminescence from aligned carbon chains terminated by gold clusters”, which has been accepted for publication in *Physical Review Letters* (PRL).

The article is the first from DLSU to be published in PRL, which is the world’s premier physics letter journal and the American Physical Society’s flagship publication. Since 1958 it has contributed to APS’s mission to advance and diffuse the knowledge of physics by publishing seminal research by Nobel Prize-winning and other distinguished researchers in all fields of physics.

The study focuses on carbyne, a chain of carbon atoms that is ultimately a thin one-dimensional material. In the paper, the researchers demonstrate that by adding gold to the end of carbyne chains, one can grow thin films of highly aligned chains.

It experimentally shows and theoretically explains the optical response of the material, demonstrating it as the ultimate thin polarizer. Gold-terminated carbon chain arrays are promising candidates for nanoscale logic elements in emerging light-controlled quantum devices. This paves the way for a new class of ultimately thin, polarization-sensitive emitters to be used in future integrated quantum photonics devices.

The latest impact factor of *Physical Review Letters* is 9.185 and it is ranked by Scopus in the 94th percentile of the world’s Physics journals.



Hartmann

To access, visit: <https://bit.ly/2401CarbyneResearch>



TOP PERFORMANCE IN BOARD EXAM FOR TEACHERS

DLSU ACHIEVED 100% PERCENT AND 88.24% PASSING RATES AT THE ELEMENTARY AND SECONDARY LEVELS, respectively, of the September 2023 Licensure Exams for Teachers. National rates are at 47.01% in the elementary level and at 56.26% in the secondary level.

Cherwin Emmanuel Regilme ranked eighth in the elementary level, while Br. Zennel Sy FSC placed ninth in the secondary level, with both garnering a 93% score.

CARMELITA IGNACIO QUEBENGCO: A LIFE IN WORDS AND PICTURES



**DLSU PUBLISHING HOUSE
ANNOUNCES THE RELEASE OF ITS
NEW BOOK** *Carmelita Ignacio Quebengco:
A Life in Words and Pictures*, edited by David
Jonathan Y. Bayot, Riddick Matthew P.
Recoter, and David Joseph R. Dyogi.

Launched last December 16 at the Henry Sy,
Sr. Hall, the book publication pays tribute to
Carmelita Ignacio Quebengco AFSC.

Dr Quebengco, University Fellow and
Chancellor Emeritus of De La Salle
University. She is the first layperson and
woman to assume the post of president of
the University. She is also the first layperson
appointed by the Superior General of the
La Salle Brothers to be Co-Secretary of the
Lasallian Mission Secretariat at the Christian
Brothers' Institute in Rome, Italy.

Through a rare and extensive interview with
Quebengco, a collection of photographs
that tells a story of courage and vision, and
a gathering of her speeches, this volume
in the DLSU Leadership book series allows
the readers a glimpse of the prominent
facets of her inspiring life journey, as it
opens up a space for readers to share
personally in the life and journey of a
significant Filipino educator.

Faculty-led spin-off company wins innovation contest

**TITAN WON THE 2ND PRIZE IN THE SOCIALLY RELEVANT
TECHNOLOGIES (SRT) INNOVATION CONTEST
(PROFESSIONAL CATEGORY)** sponsored by the Intellectual
Property Office of the Philippines-Dokumentation, Information,
Technology Transfer Bureau.

TITAN is one of the DOST-PCIEERD-funded research projects in
the DLSU College of Computer Studies and its Advanced Research
Institute for Informatics, Computing and Networking. It is now being
commercialized through VISON Technologies Corporation, the 1st
official spin-off company from the college.

Established through a grant from the DOST Funding Assistance for
Spin-off and Translation of Research in Advancing Commercialization



(FASTRAC), the startup company is composed of computer
scientists and researchers.

Salie Siao, the company's Chief Operating Officer, shared that TITAN
technology as a vision-based computer system helps navigate data
in a faster, economical, and more accurate manner, thus, saving time
and money to assess data manually.

"We have developed and are continuously developing a novel
algorithm for an efficient and effective processing of videos. It is
composed of a secured web-based system, a dashboard, an easy
system of integrating with the current ICT system. Finally, using our
software is cost-efficient – we are hardware agnostic – we can use
your existing cameras," Siao added.



STUDENTS RECEIVE AWARDS IN NMUN GERMANY 2023

MEMBERS OF THE DLSU TEAM WHO PARTICIPATED IN THE NMUN GERMANY 2023 held from November 20 to 24, 2023 in Erfurt, Germany won awards, including four Outstanding Delegation Awards and a special mention.

The delegation was composed of Theresa Enrica Limgenco and Mark Carlos Imperial representing Belarus, Julianne Grace Aspillaga and Prince Jay Ramos representing Colombia, Eryca Mei Sulian and John Churchill Dizon representing Greece, and Phoebe Nicole Maniquis and Cyryll Jay Obeles representing Poland.

Gaye Justinia Delos Santos was the team’s head trainer and was supported by the other trainers: Xybastian Trinidad, Arrabela Lumanglas, Yedda Bueno, Julean Palpallatoc, Josue Venida, and Misha Lirios. Political Science and Development Studies faculty member Allen Surla served as the team’s adviser.

NMUN Germany 2023 was participated by more than 400 delegates and faculty from 60 universities and colleges, including some ivy league schools in the US. The conference was held at the Erfurt Rathaus (City Hall) in the capital city of Erfurt in the Free State of Thuringia in Central Germany.

This is DLSU’s 15th NMUN conference since 2014, and have so far won in all conferences – 9 Outstanding Delegation Awards (Gold), 3 Distinguished Delegation Awards (Silver), and 6 Honorable Mention Awards (Bronze).

NMUN is the world’s largest simulation of Model United Nations. University students from all over the world step into the shoes of diplomats and propose resolutions addressing disarmament, regional conflicts, peacekeeping, human rights, women and children, economic and social development, and the environment.

DLSU Chorale emerges choir champion in NAMCYA@50



DLSU CHORALE BAGGED THE TOP PRIZE AT THE RECENT COMPETITION STAGED BY NATIONAL MUSIC COMPETITIONS FOR YOUNG ARTISTS (NAMCYA), a principal instrument in discovering major music talents from all over the country.

The DLSU Choral was declared NAMCYA@50: Gintong Pamana Senior Choir Champion and was likewise given the award “Best Interpretation of the Contest Piece” together with the 1st Prize Winner.

The group performed at the Winners’ Concert at the Metropolitan Theater last November 26.

DLSU AMONG THE WORLD'S SUSTAINABLE HEIS

DE LA SALLE UNIVERSITY IS AMONG THE WORLD'S MOST SUSTAINABLE UNIVERSITIES based on the QS World University Rankings: Sustainability 2024. This year, DLSU is placed in the 981-1,000 bracket.

The rankings use indicators that measure a university's ability to tackle environmental, social, and governance (ESG) challenges. Now in its second year, the Sustainable Rankings analyze HEIs in three categories: Environmental Impact, Social Impact, and Governance.

1,403 universities were eligible to be included in this year's Sustainability Rankings.

For more information, visit: <https://www.topuniversities.com/sustainability-rankings>



Evelyn D. Ang Hall groundbreaking held



IN AN OCCASION THAT ECHOES THE LASALLIAN LEGACY OF INNOVATION AND DEDICATION TO KNOWLEDGE, De La Salle University celebrated the groundbreaking ceremony of the Evelyn D. Ang Hall on November 24 at the DLSU Laguna Campus. This structure is poised to become the center of advancements in biomedical engineering and health technologies, marking a significant leap forward in the university's commitment to excellence.

Named after Evelyn D. Ang, the hall will house the Evelyn D. Ang Institute of Biomedical Engineering and Health Technologies. Philip Ang established a memorial fund in honor of his beloved wife, Mrs. Evelyn Dy Pac Ang, who is renowned for her penchant for helping the sick and the marginalized, and served as the inspiration and role model for their organization.

"Evelyn is strong in her faith and resolve towards helping others; she has always been an advocate for the disadvantaged

and understands the value of proper education," shared Mr. Ang. The establishment of the Evelyn D. Ang Memorial Fund aims to continue Mrs. Ang's mission of helping the sick and the marginalized, extending her legacy beyond a personal commitment to becoming an enduring force for positive change.

The EDA Hall will feature state-of-the-art facilities, cutting-edge laboratories, and collaborative spaces designed to inspire innovation.

“The young should be able to see in your wisdom how they should behave.”

De La Salle

-Med 132.1



UAAP Season 86 *Champions*

As of December 12, 2023

MEN'S BASKETBALL
DLSU's 10th Championship Title

WOMEN'S ATHLETICS

WOMEN'S TABLE TENNIS

Individual

▼ Gold **15**
▼ Silver **17**
▼ Bronze **27**

Mixed Pair

▼ Silver **1**

Team

▼ Gold **2**
▼ Silver **3**
▼ Bronze **4**

Season Most Valuable Player

Kevin Quiambao, *Men's Basketball (also: Finals MVP and Mythical Five)*

Angelou Joyce Laude, *Women's Table Tennis*

Bernalyn Bejoy, *Women's Athletics*

Evan Nelle

Men's Basketball Mythical Five

Mary Angeline Alcantara

Women's Taekwondo Rookie of the Year

Source: Sports Development Office



2401 (twe'n'te fôr',o, wun) is a landmark number along Taft Avenue. It is the location ID of De La Salle University, home to outstanding faculty and students, and birthplace of luminaries in business, public service, education, the arts, and science. And 2401 is the name of the official newsletter of DLSU, featuring developments and stories of interest about the University.

2401 is published bi-weekly by the Strategic Communications Office (AH-21F, intercom 144). Editorial deadline is 3 p.m. Tuesdays. Contributions should include the name, office and signature of the sender. Materials may be edited for clarity or space.

2401 may be accessed online through the URL: <http://www.dlsu.edu.ph>.

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