



CPU Biological Society

2021 - 2022

ACKNOWLEDGEMENT

We, the officers of CPU Biological Society bow our heads before the AIC mighty God who provided us with the strength, wisdom and the blessings we needed as an organization to uphold our principles and extend our services to those in need. We are grateful to Him for sustaining and protecting us in the implementation of our projects amidst the threat of pandemic.

We are deeply indebted to our adviser, Sir Jayvee Jore, Department Head, Dr. Nick Guanzon, to our dean, Dr. Stella Fernandez and faculty of the Life Sciences Department for believing in our capacity as officers of this organization and for being supportive. Your guide and encouragement played a key role in the success of our activities. We are also thankful to the Director of the Engagement and Service-Learning Center, Sir Levi Delos Santos Jr for assisting us in our activities.

Our gratitude is also extended upon the office of the Student Development Program headed by Dr. Margen Java for allowing our organization to legitimately conduct our planned activities.

We are thankful to our members of the organization whose continuous support, assistance and encouragement pushed us to be the best version of ourselves. They inspire us to continue coming up with good and feasible projects that would fulfill our organization's principles and mission. Their support has been unparalleled and without it, we would not be able to competitively perform.

We are also thankful to our respective families who are the source of our strength and inspiration. Their love, understanding and compassion have been essential to our mental and emotional well-being especially during these very trying times.



OFFICERS



PAMELA SUE HILADA
PRESIDENT



NICOLE JOHN FORRO
VICE PRESIDENT, INTERNAL



ERICKA MARIE MATIAS
VICE PRESIDENT, EXTERNAL



MARY LISETTE BAJON
SECRETARY



KARMYLLE ADELENNE ANDRADE
TREASURER (FIRST YEAR)



MYXEZH ANJIELA DAGANG
TREASURES (SECOND YEAR)



LYNNE MARIE ANGELA BASIG
TREASURER (THIRD YEAR)

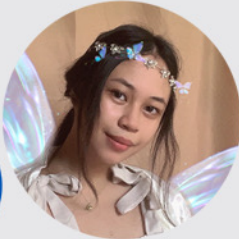


JHUN CARL PANIZA
TREASURER (FOURTH YEAR)

OFFICERS



HAYDEE CARINO
AUDITOR



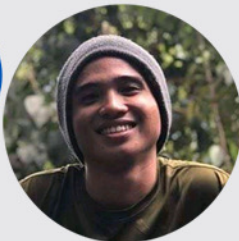
MARY CLETANI RAMOS
BUSINESS MANAGER



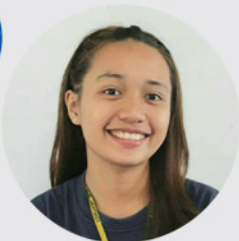
GIAN SOLIS
P.I.O. (FIRST YEAR)



RUGENE BENEDICT PETT
P.I.O.(SECOND YEAR)



ROANMAR PHILIP YORO
P.I.O.(THIRD YEAR)



MARY LIEZEL BAJON
P.I.O.(FOURTH YEAR)

OFFICERS



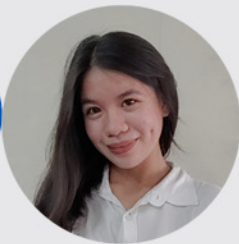
EV JACYVHONY ALAYON
REPRESENTATIVE (FIRST YEAR)



CHELSEA MARIE ARAGONES
REPRESENTATIVE (SECOND YEAR)



PAULINE QITOR
REPRESENTATIVE (THIRD YEAR)



SHAINA FAITH LAQUIHON
REPRESENTATIVE (FOURTH YEAR)



MARIA PATRICIA GARCIA
CREATIVE DIRECTOR

MR. JAYVEE JORE
ADVISER



Theme: CPU student organizations: excel for God's greatest glory

CPU Biological Society (CPU BioSoc) is a non-stock, non-profit student academic organization devoted to the promotion of scientific knowledge of microbiology, preparatory medicine, and other related subjects through symposiums, forums, reports, and publications that contribute to the development of education. Prior to the remuneration brought by the surge of cases of COVID-19, BioSoc's unending service to the community has always been evident. The organization is consistent in developing its scope and its goals. The student-led group is devoted to extending science and research to the community. The different transitions that the organization underwent in the two-year pandemic have caused multitudes of adjustments and recalibrations to pursue its mission and to continue to serve centrallians and extension communities for the greater glory of God.

One of the major challenges which caused the adjustment of the organization, especially from the perspective of viewing service and leadership, is the transition to the online modality. The online setup, though, was beneficial in terms of the organizations' scope and reach, also limited the interaction and relationship building of the internal aspect of managing the organization. The organization is amenable to the fact that it could've done better if physical interactions and setup were embedded. Existing projects were scraped out and some underwent thorough deliberations just to continue to run and be implemented. The online setup shifted the focus of the organization as it took into consideration the netizens and the online communities. Internet access and electronic resources still hinder the organization's processes and plans. It was harder to find a common time of availability amongst the organization's officers which resulted in the sudden change of leadership.

Due to the mishap of the situation, nearing the end of the first semester, the organization took a leap as it underwent a vacancy in the chairmanship, resulting in the appointment of seats. The change in leadership was almost a back-to-zero step for BioSoc.

Communication was also affected due to the circumstances since the online modality hinders the deepening of the relationship between the organization's officers and members. The working committee struggled to communicate as bonds were limited on screen.

Members of the working committee came from different year levels and all are striving to serve the organization and perform their roles while juggling personal life and academics. Time management was also a big factor, as the new mode of learning is almost like different time-zones. It was difficult for most of the members who are in their final year of college to balance time spent on academics and org work.

In the later days of being under real-time adjustments and bold challenges, BioSoc strived to be on track. The team had a better way of addressing problems and troubleshooting. Due to the aforementioned adjustments and challenges, the organization was able to refocus and continue to serve its purpose for the man above. The online setup was taken on a different viewpoint as a chance for linkages and more external activities. It became a way for the organization to reach more marginalized communities and even gain partnerships that expanded the scope of service of the organization.

As for the unexpected change in leadership, it became a way to enhance the performance of BioSoc. It became a way of improving the lack of communication skills, compassion for time, and respect for its members. Through the joint efforts of the people who were continuously working hard to advance science and the practice of conserving the earth's biological diversity, the organization was able to not only limit its service to its primary scope but became an instrument for God's greatness.

SAMASA-WVSU E-Leksyon Series

**an online voters' education campaign (July to September, 2021)
via Zoom and Facebook Live**

SAMASA-WVSU CPU Biosoc in partnership with SAMASA-WVSU seeks to spread awareness and discuss relevant information on how we can exercise our rights to suffrage and on how to be critically educated and empowered voters with 6 episodes from July–September.



TIMELINE

Episode 1: Voter's Registration and Election Process– The Process of creating a Law

July 10, 2021, from 9:00–11:00 AM and 2:00–4:00 PM

Episode 2: The three branches of the Government/1987 constitution and the bill of rights

July 24, 2021, from 9:00–11:00 AM and 2:00–4:00 PM

Episode 3: Importance of Youth's Election Participation and #Woke: Decoding the real Philippine Situation

August 7, 2021, from 9:00–11:00 AM and 2:00–4:00 PM

Episode 4: Where does the Youth stand on Government's Policies? and LIGTAS BALIK ESKWELA: A Forum

August 21, 2021, from 9:00–11:00 AM and 2:00–4:00 PM

Episode 5: Qualities of a leader according to the Youth and The issues influencing our right to vote

September 4, 2021, from 9:00–11:00 AM and 2:00–4:00 PM

Episode 6: Fake News and Information during election and Expectation vs. Reality: Tracing the 2016 promises

September 18, 2021, from 9:00–11:00 AM and 2:00–4:00 PM

JUL - SEPT, 2021

FOLIC ACID PH

CPU Biological Society joins #folicacidPH 2021

Start Right with B9: Fostering Good Nutrition through Folic Acid supplementation in the First 1000

JULY 18, 2021

Start Right with B9
Fostering good nutrition through folic acid supplementation in the first 1000 days of life

JULY 18, 2021 | **#FolicAcidPH B9Before9**



Volunteer Youth Leaders for Health - Philippines
PRESENTS THIS

Certificate of Participation
TO

CPU BIOLOGICAL SOCIETY

FOR ACTIVELY PARTICIPATING AS A PARTNER ORGANIZATION OF

#FolicAcidPH

THE NATIONAL SOCIAL MEDIA DAY FOR FOLIC ACID AWARENESS
HELD ON THE 18TH OF JULY 2021.

Rufus Thomas Adaducul
Rufus Thomas Adaducul
National President
Volunteer Youth Leaders for Health - Philippines

Shane Paul Sualo, RN
Shane Paul Sualo, RN
Vice President for Leaders Campaign Head
Volunteer Youth Leaders for Health - Philippines



BALIK-SILID PILIPINAS

National Virtual Forum: Student Herd Immunity

TOPICS

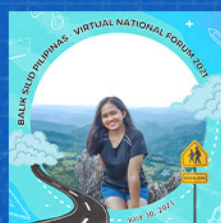
Updates on the COVID-19 Vaccine Deployment and Implementation
Speaker: Maricar G. Santos, MD, Medical Officer IV Disease Prevention and Control Bureau – System Integration Planning and Implementation Support Division

Legislating Ligtas Balik Eskwela: The Senate's Position on Safe Return to Campus

Speaker: Sen. Pia Cayetano, Senate Republic of the Philippines

Reaction to HEI Student's sentiments for Vaccination inclusion in the B.6. Category

Speaker: Sen. Koko Pimentel, Senate Republic of the Philippines



JULY 30, 2021

#TUMINDIG



JULY 31, 2021



CPU BioSoc Course Promotional Drive

The organization conducted a course promotional drive via online to encourage more students to enroll in our program.



ATTENTION

SLOTS ARE STILL AVAILABLE!

CHOOSE BIOLOGY.
ENROLL NOW!

 Leo Matulac
CPU Biological Society

 (033) 329 1971 Dean's Office loc 1034/
Biology Office loc 1090

BE A LEAD SCIENTIST
WHERE SPECIES IS THE NEW PATIENT

BS BIOLOGY PRE-MEDICINE SUBJECTS

1st YEAR	3rd YEAR	4th YEAR
<ul style="list-style-type: none">General ZoologyOrganic Molecules (for Biology)General Botany	<ul style="list-style-type: none">Cell and Molecular BiologyGeneral EcologyThesis IStatistical BiologyComparative Vertebrate AnatomyPlant PhysiologyMarine BiologyDevelopmental BiologyEvolutionary BiologyThesis II	<ul style="list-style-type: none">Fundamentals of GeneticsMedical ParasitologyMedical HistologyThesis IIIBiophysicsBiotechnologyImmunologyHuman GeneticsHuman ReproductionHuman Anatomy and Physiology

BE A MICROBIOLOGIST
WHERE ORGANISMS IS YOUR NEW PERSPECTIVE

BS BIOLOGY WITH SPECIALIZATION IN MICROBIOLOGY SUBJECTS

1st YEAR	3rd YEAR	4th YEAR
<ul style="list-style-type: none">General ZoologyOrganic Molecules (for Biology)General Botany	<ul style="list-style-type: none">Cell and Molecular BiologyEcologyIndustrial and Food MicrobiologyMicrobial PhysiologyMarine BiologyEvolutionary BiologyMicrobial EcologyMedical Microbiology	<ul style="list-style-type: none">Fundamentals of GeneticsVirology and PathologyGeneral ParasitologyDevelopmental Biology

AUG. 9, 2021

BORRES YOUTH LEADERSHIP INSTITUTE INC.

DISKURSO: A Talk on Food Security and Human Health Amidst the Pandemic

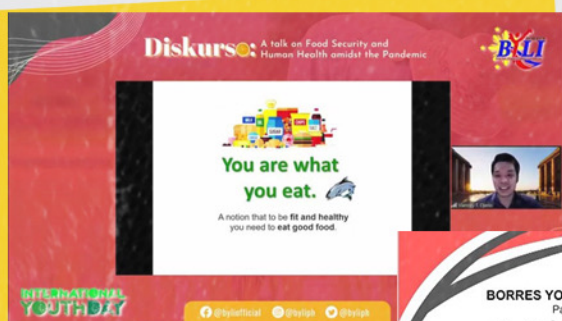
TOPICS

Morning Topic: FAKE NEWS AND INFORMATION DURING ELECTION

Speaker: Mr. Joseph Bernard A. Marzan

Afternoon Topic: EXPECTATIONS VS REALITY: Tracing the 2016 Promises

Speaker: Mr. Jaconiah Shelumiel T. Manalaysay



AUG. 12, 2021

1ST Facebook Frame Making Contest

The organization organized a FB frame
contest to welcome the school year.

Theme: BIOLuminescence: An era where light is the new hope
Posted on: August 13, 2021
Deadline: August 17,2021
Announcement of Winners: August 23, 2021



**BIOLUMINESCENCE:
AN ERA WHERE LIGHT
IS THE NEW HOPE**

CALLING FOR ARTISTS!!!

The CPU Biological Council
will conduct its 1st Facebook
Frame making contest

**Participants can either be a group or an individual*

Criteria for Judging

	Creativity	35%
	Relevance to the theme	35%
	Audience Impact	30%



CPU
Biological
Society

**DEADLINE OF ENTRIES:
AUGUST 17, 2021
11:59 AM**

Submit your entries on the link provided



1st Place
MADE BY: PRINCE NISMAL




2nd Place
MADE BY: PRINCE NISMAL

3rd Place
MADE BY: SHARMAINE JOY CAILIN

BIO-LUMINESCENCE
AN ERA WHERE LIGHT IS THE NEW HOPE



RUNNER UPS



MADE BY: GECIEL JOY BUENES



MADE BY: JAMAFRAE MALLORCA



MADE BY: MARIA PATRICIA GARCIA

BIO-LUMINESCENCE
AN ERA WHERE LIGHT IS THE NEW HOPE

AUG. 13, 2021

THIS OR THAT

BIOLOGY EDITION

To know more about our freshmen, a This and That template was conducted to share insight and expectations about the program despite seeing each other virtually.

TEMPLATE BY: ERICKA MATIAS

this or that
BIOLOGY EDITION



PRE
MEDICINE

OR

MICROBIOLOGY

Early Bird

OR

Night Owl

Coffee

OR

Tea

Plantito/Plantita

OR

Paw Parent

Lecture

OR

Laboratory

Laptop

OR

Cellphone

Camera Shy
(during online
class)

OR

Face Reveal
(during online
class)

Memorization

OR


Solving



BIoluminescence: An era
where light is the new hope

TEMPLATE BY: ERICKA MATIAS

Meet me in gifs challenge
Biology Edition



ONLINE CLASS
MOOD

FAVORITE HOBBY

FAVORITE COLOR

COMFORT FOOD
DURING ONLINE
CLASS

FAVORITE PLANT
OR ANIMAL

BIOLOGY FOR ME
IS...

BIOLUMINESCENCE: AN ERA WHERE
LIGHT IS THE NEW HOPE

CPU BIOSOC FIRST VIRTUAL PRAISE AND JAM WORSHIP

The organization organizes its first ever praise and worship jam.

SEPT. 15, 2021



THE ALLIANCE OF PHILIPPINE PRE-MEDICAL SOCIETIES, INC.

NEW SET OF EXECUTIVE COMMITTEE OFFICERS

A member of an organization was elected to be a representative in Association of Premed Societies.

ALLIANCE OF PHILIPPINE PRE-MEDICAL SOCIETIES EXECUTIVE BOARD 2021-2022



Peter Denmark Gajo
The President



RJ Claude Niones
The VP for Internal Affairs



Patricia Bianca Alleda
The VP for External Affairs



Vivienne Zarina Gracila
The VP for Finance



Alexandra Tubon
The VP for Publicity



Kristine Elaiza Paulin
The Secretary General, Spokesperson, IPMS



Joseo Carmel Lazarte
The Ambassador for Academics and Medical Education, Spokesperson, UP-SSPS



Wilnan Duran
The Ambassador for Public Health and Service, Spokesperson, SU ChemSoc



Louker-Jatrel Mendoza
The Nationalist Relations Officer, UP PMS Baguio



Jovirendyile Lailita
The Spokesperson, PMCS



Nina Clarisse Buencamino
The Spokesperson, MDC/CHS



Trishia Nicole Oller
The Spokesperson, SLU NHS



Leo John Matulac
The Spokesperson, CPU BioSoc



Sarah Marie Amit
The Spokesperson, CNU Andropose



Lyder Dimaapi
The Spokesperson, UP HSA



Nazaria Chanteuse Peralta
The Spokesperson, UP PMHS



Beatrice Manansala
The Spokesperson, UP PMS Baguio



Enrico Gerard Sanchez
The Spokesperson, PMSA



Maria Angelica Gerodias
The Spokesperson, SV



Tiffany Danielle Lim
The Spokesperson, UP PMS

SEPT. 19, 2021

Teachers Day Celebration

The organization pays a virtual tribute to the hardworking faculty of Life Sciences Department in celebration of Teacher's month.

OCT. 5, 2021



How to Make an Effective Research Poster?

The Biology Program of the Life Sciences Department, dive into the cohesive ecosystem of research as they learn about the concepts and how to create an effective research poster.



LIFE SCIENCES DEPARTMENT
BIOLOGY PROGRAM

HOW TO MAKE AN EFFECTIVE RESEARCH POSTER
Live Webinar for 3rd & 4th Year Biology Students

08 OCT 2021 | 8:30 - 10:30 AM (GMT +8)
via GMeet

 **Christopher Marlowe A. Caipang, Ph. D.**
BIOTA Officer, Faculty at University of San Agustin

For inquiries about the event, contact lafaitina@gmail.com or 0995 192 3474



LIFE SCIENCES DEPARTMENT
BIOLOGY PROGRAM

- ADMISSION
- OPENING PRAYER
- INTRODUCTION TO THE WEBINAR
- OPENING REMARKS
- INTRODUCTION OF PARTICIPANTS, STAFF & GUEST SPEAKER
- DISCUSSION
- QUESTION & ANSWER
- SPOT CHECK
- CLOSING REMARKS
- CLOSING PRAYER

WEBINAR PROGRAM FLOW


For inquiries about the event, contact lafaitina@gmail.com or 0995 192 3474

OCT. 8, 2021


I K A G B A Y A W


PANAY INDIGENOUS KNOWLEDGE SYSTEMS
AND CULTURAL PRESERVATION

OCTOBER 30, 2021
1:00 PM - 4:00 PM

 ZOOM CLOUD MEETINGS

 pagbayaw@gmail.com
universitystudentalliance@gmail.com

 [www.usa_university](https://www.instagram.com/usa_university)

 [USA - University Students' Alliance](https://www.facebook.com/USA-University-Students-Alliance)



OCT. 30, 2021

CPU College of Arts and Sciences Provincial Council

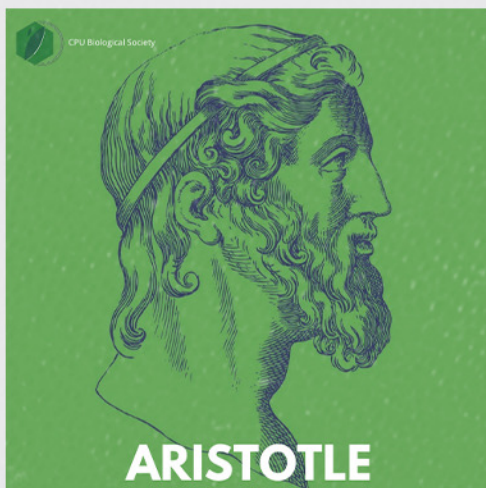
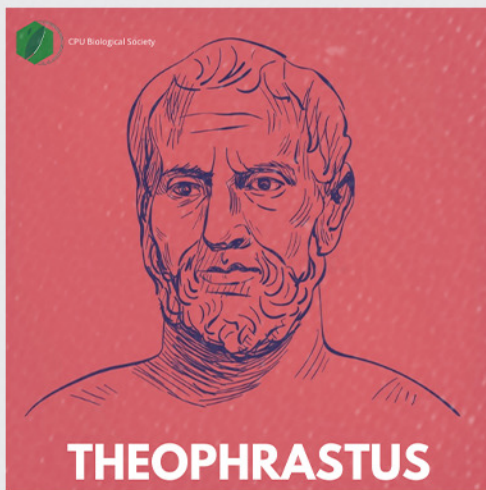
TAYO, TAYO! A Youth Empowerment Webinar: Unleashing the Greatness in Others



NOV. 21, 2021

ACQUAINTANCE PARTY

**The organization presented the 4 competing houses of the
BS Biology students for the highly anticipated
acquaintance party.**



NOV. 23, 2021

Research Poster Competition

The 4th year students of BS Biology program joined to the prestigious scientific research poster contest of the Biology Teachers Association of Region 6, competing against other universities from the Region 6.

ALTERNATIVE BACTERIAL STAIN
CARNATI, BE MAR T. | CAARONA, OJEN R. | DE LA CRUZ, KYA RIE A.
ADVISER: NICOLAS G. GUANZON JR., PhD

INTRODUCTION
Bacterial staining has been relevant during studies about microorganisms. Through this process, microbiologists can identify and classify any bacteria or recently discovered microorganisms. The correct identification of microorganisms is of fundamental importance to microbial communities, including research and industry (e.g., agriculture, clinical microbiology, and food preservation) (Shen, 2014). Bacterial staining is a commonly laboratory activity for university students who take science-based courses that pertain to the life of our planet.

RESULTS AND DISCUSSION
The results showed that the use of natural stains with Terebinthol Acid made more difference while those without did not. The natural stains with Terebinthol Acid that showed the greatest difference were Blue, Indigo, and Turquoise. Meanwhile, the results of Indigo and Turquoise with Terebinthol Acid made such a significant difference in the dye components, that there was an insignificant amount of difference observed (Kusni et al., 2018).

METHODOLOGY
COLLECTION OF FRUITS AND PLANTS
IDENTIFICATION OF FRUITS AND PLANTS
EXTRACTION OF CRUDE EXTRACTS
BACTERIAL STAINING AND STAINING
MICROSCOPY AND OBSERVATION
EVALUATION AND DATA ANALYSIS

ANTIBACTERIAL ACTIVITY OF BALLOON VINE (*Cardiospermum halicacabum*) LI LEAF AND FRUIT CRUDE EXTRACTS, AND THEIR COMBINATION AGAINST *Staphylococcus aureus*
MARCOS, CHAI YAP | SHARON, JILL | JENNY, THERESA | MARINE ANGELO
LIFE SCIENCE DEPARTMENT | CENTRAL PHILIPPINE UNIVERSITY, INC. | CAVITE CITY, PHILIPPINES
ADVISER: NICOLAS G. GUANZON JR., PhD

INTRODUCTION
Staphylococcus aureus is among the common bacterial strains causing disease. With its increasing community and drug resistance, it has become a major public health concern. It is a major pathogen of humans, animals, and plants. It is also a major cause of food poisoning and is a leading cause of hospital-acquired infections (HAI) (Kusni et al., 2018).

OBJECTIVES
1. To determine the antibacterial activity of Balloon Vine leaf and fruit crude extracts against *Staphylococcus aureus*.
2. To determine the antibacterial activity of Balloon Vine leaf and fruit crude extracts against *Staphylococcus aureus* when combined with Terebinthol Acid.

METHODOLOGY
1. Collection of Balloon Vine leaves and fruits.
2. Extraction of crude extracts from Balloon Vine leaves and fruits.
3. Preparation of Balloon Vine leaf and fruit crude extracts.
4. Inoculation of *Staphylococcus aureus* into agar plates.
5. Application of Balloon Vine leaf and fruit crude extracts to agar plates.
6. Observation and measurement of zone of inhibition.

RESULTS & DISCUSSION
The results showed that the Balloon Vine leaf and fruit crude extracts have antibacterial activity against *Staphylococcus aureus*. The Balloon Vine leaf crude extract showed a zone of inhibition of 1.5 cm, while the Balloon Vine fruit crude extract showed a zone of inhibition of 1.0 cm. The combination of Balloon Vine leaf and fruit crude extracts with Terebinthol Acid showed a zone of inhibition of 2.0 cm.

CONCLUSIONS
Balloon Vine leaf and fruit crude extracts have antibacterial activity against *Staphylococcus aureus*. The combination of Balloon Vine leaf and fruit crude extracts with Terebinthol Acid showed a greater antibacterial activity against *Staphylococcus aureus*.

IN VITRO SENSITIVITY OF *Mycoplasma gallisepticum* AND *Mycoplasma synoviae* AGAINST THE VARIOUS CONCENTRATION LEVELS OF ALLIUM SATIVUM GLOVE, ARECA CATECHU NUT, AND DISCOCORA HIPPIA ROOT PURE JUICE EXTRACTS
MARCOS, CHAI YAP | SHARON, JILL | JENNY, THERESA | MARINE ANGELO
LIFE SCIENCE DEPARTMENT | CENTRAL PHILIPPINE UNIVERSITY, INC. | CAVITE CITY, PHILIPPINES
ADVISER: NICOLAS G. GUANZON JR., PhD

INTRODUCTION
Mycoplasma gallisepticum and *Mycoplasma synoviae* are significant avian species causing respiratory disease in poultry. Both are considered one of the most difficult to control in poultry. They are considered one of the most difficult to control in poultry. They are considered one of the most difficult to control in poultry. They are considered one of the most difficult to control in poultry.

RESULTS AND DISCUSSION
The results showed that the Allium sativum glove, Areca catechu nut, and Discocora hippia root pure juice extracts have antibacterial activity against *Mycoplasma gallisepticum* and *Mycoplasma synoviae*. The Allium sativum glove extract showed a zone of inhibition of 1.5 cm, while the Areca catechu nut extract showed a zone of inhibition of 1.0 cm. The Discocora hippia root pure juice extract showed a zone of inhibition of 1.0 cm.

METHODOLOGY
1. Collection of Allium sativum glove, Areca catechu nut, and Discocora hippia root pure juice extracts.
2. Extraction of crude extracts from Allium sativum glove, Areca catechu nut, and Discocora hippia root pure juice extracts.
3. Preparation of Allium sativum glove, Areca catechu nut, and Discocora hippia root pure juice extracts.
4. Inoculation of *Mycoplasma gallisepticum* and *Mycoplasma synoviae* into agar plates.
5. Application of Allium sativum glove, Areca catechu nut, and Discocora hippia root pure juice extracts to agar plates.
6. Observation and measurement of zone of inhibition.

CONCLUSION
Allium sativum glove, Areca catechu nut, and Discocora hippia root pure juice extracts have antibacterial activity against *Mycoplasma gallisepticum* and *Mycoplasma synoviae*. The combination of Allium sativum glove, Areca catechu nut, and Discocora hippia root pure juice extracts showed a greater antibacterial activity against *Mycoplasma gallisepticum* and *Mycoplasma synoviae*.

Indigenous Soil Microorganisms in Dreamer's Valley, Tigbauan, Iloilo Province, Philippines
PAMELA SUE M. NIKODA, DOMINICK B. POCOCK, JUDY M. SUBONG
NICOLAS G. GUANZON JR., PhD

INTRODUCTION
Soil microorganisms are essential for the health of the soil and the plants that grow in it. They are responsible for the decomposition of organic matter, the cycling of nutrients, and the formation of soil structure. They are also responsible for the production of antibiotics and other secondary metabolites. They are also responsible for the production of enzymes and other products that are used in the food and pharmaceutical industries.

METHODOLOGY
1. Collection of soil samples from Dreamer's Valley, Tigbauan, Iloilo Province, Philippines.
2. Extraction of crude extracts from soil samples.
3. Preparation of soil samples.
4. Inoculation of soil samples into agar plates.
5. Observation and measurement of zone of inhibition.

RESULTS AND DISCUSSION
The results showed that the soil samples from Dreamer's Valley, Tigbauan, Iloilo Province, Philippines have antibacterial activity against *Staphylococcus aureus*. The soil samples from Dreamer's Valley, Tigbauan, Iloilo Province, Philippines showed a zone of inhibition of 1.5 cm.

CONCLUSIONS
Soil samples from Dreamer's Valley, Tigbauan, Iloilo Province, Philippines have antibacterial activity against *Staphylococcus aureus*. The combination of soil samples from Dreamer's Valley, Tigbauan, Iloilo Province, Philippines showed a greater antibacterial activity against *Staphylococcus aureus*.

PARASITES IN AQUATIC ORGANISMS AT SINIHUTAN CAVE, BARAGAY ONOP, MIAG-AO, ILOILO
LIFE SCIENCE DEPARTMENT | CENTRAL PHILIPPINE UNIVERSITY, INC. | CAVITE CITY, PHILIPPINES
ADVISER: NICOLAS G. GUANZON JR., PhD

INTRODUCTION
Parasites are organisms that live on or inside other organisms and derive their nutrients from them. They are responsible for the transmission of diseases and the death of their hosts. They are also responsible for the production of antibiotics and other secondary metabolites. They are also responsible for the production of enzymes and other products that are used in the food and pharmaceutical industries.

RESULTS & DISCUSSION
The results showed that the aquatic organisms at Sinihutan Cave, Baragay Onop, Miag-Ao, Iloilo have parasites. The aquatic organisms at Sinihutan Cave, Baragay Onop, Miag-Ao, Iloilo showed a zone of inhibition of 1.5 cm.

METHODOLOGY
1. Collection of aquatic organisms from Sinihutan Cave, Baragay Onop, Miag-Ao, Iloilo.
2. Extraction of crude extracts from aquatic organisms.
3. Preparation of aquatic organisms.
4. Inoculation of aquatic organisms into agar plates.
5. Observation and measurement of zone of inhibition.

CONCLUSIONS
Aquatic organisms at Sinihutan Cave, Baragay Onop, Miag-Ao, Iloilo have parasites. The combination of aquatic organisms at Sinihutan Cave, Baragay Onop, Miag-Ao, Iloilo showed a greater antibacterial activity against *Staphylococcus aureus*.

METHANOLIC ARABIAN COFFEE (*Coffea arabica*) LEAF EXTRACT AS MAIN INGREDIENT FOR HAND SANITIZER GEL AGAINST *Staphylococcus aureus*
EMMANUEL J. JORDAN | SHARON J. LAGORON | JUNE CARL P. PANZA
CENTRAL PHILIPPINE UNIVERSITY

INTRODUCTION
Hand sanitizers are essential for the prevention of the spread of infectious diseases. They are responsible for the transmission of diseases and the death of their hosts. They are also responsible for the production of antibiotics and other secondary metabolites. They are also responsible for the production of enzymes and other products that are used in the food and pharmaceutical industries.

METHODOLOGY
1. Collection of methanolic arabian coffee leaf extracts.
2. Extraction of crude extracts from methanolic arabian coffee leaf extracts.
3. Preparation of methanolic arabian coffee leaf extracts.
4. Inoculation of methanolic arabian coffee leaf extracts into agar plates.
5. Observation and measurement of zone of inhibition.

RESULTS & DISCUSSION
The results showed that the methanolic arabian coffee leaf extracts have antibacterial activity against *Staphylococcus aureus*. The methanolic arabian coffee leaf extracts showed a zone of inhibition of 1.5 cm.

CONCLUSIONS
Methanolic arabian coffee leaf extracts have antibacterial activity against *Staphylococcus aureus*. The combination of methanolic arabian coffee leaf extracts showed a greater antibacterial activity against *Staphylococcus aureus*.

BIOTA Conference

The BS Biology students participated in the Biology Teachers Association Annual meeting and Regional Convention held via Zoom.

 The BIOLOGY TEACHERS ASSOCIATION-WESTERN VISAYAS CHAPTER
invites you to its

22nd Annual Meeting and Regional Convention

Speakers:

**Marvin Cadornigara**
Bronx International High School
Topic: The Digitalization of Biology Education in the Global 21st Century

**Paulo C. Cabanero, MSc.**
Education Supervisor II
CHED-Region VI
Topic: Updates in CHED Internationalization Program

**Dr. Resurreccion B. Sadaba**
University of the Philippines Visayas - Miagao, Iloilo
Topic: Sharing of Best Practices in Research

**Dr. Maricar Prudente**
De La Salle University, Manila
National BIOTA Officer
Topic: Adaptive, Immersive and Effective Pedagogies in Online Distance in Biology Learning

with Contributed Paper from

**Dr. Harold O. Buenvenida**
Capiz State University

27 NOVEMBER 2021
8:30 AM
via Zoom

 The BIOLOGY TEACHERS ASSOCIATION-WESTERN VISAYAS CHAPTER
invites you to its

22nd Annual Meeting and Regional Convention

Speakers:

**Philip Ian P. Padilla, M.D., Ph.D.**
Vice Chancellor for Academic Affairs
UP Visayas, Miagao, Iloilo
Topic: Myths and Fallacies of COVID

**Dr. Maricar W. Ching**
Centro Escolar University
BIOTA National Officer
Topic: Home-based Microbiology

**Dr. Mary Cherry Lynn M. Dalipe**
Education Program Supervisor
Division of Allot
Topic: Updates in DepEd Science Curriculum in the New Normal

with Contributed Papers from

**Dr. Lorena Samentar**
CAS - UP Visayas
Miagao, Iloilo

**Prof. Francois Legario, M.Sc., PhD**
Candidate, University of Stirling, Scotland

**Dr. Joval Martinez**
University of St. La Salle - Bacolod

26 NOVEMBER 2021
9:00 AM
via Zoom

 The BIOLOGY TEACHERS ASSOCIATION-WESTERN VISAYAS CHAPTER
invites you to its

22nd Annual Meeting and Regional Convention

Keynote Speaker:

**Dr. Marie Christine Obusan**
National BIOTA President

26 NOVEMBER 2021
Virtual Fellowship Night

27 NOVEMBER 2021
Business Meeting and Election of Officers
via Zoom

BATCH '21

Tree Planting and Clean Up Drive Activity

Katunggan Ecopark, Leganes, Iloilo

Tree Planting and Clean up Drive at Katunggan Ecopark, Leganes Iloilo organized by the CAS Provincial Council.



Announcement of BEST POSTER AWARDS

The 4th year students of BS Biology program won the Best Poster and two Runner-up Poster awards during the scientific research poster contest of the Biology Teachers Association.

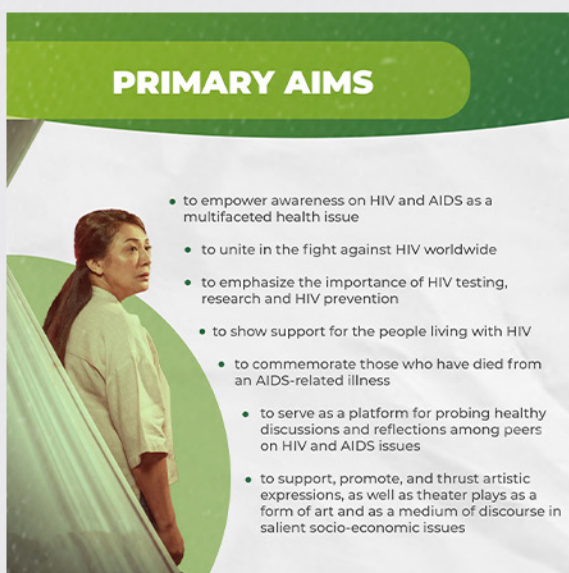
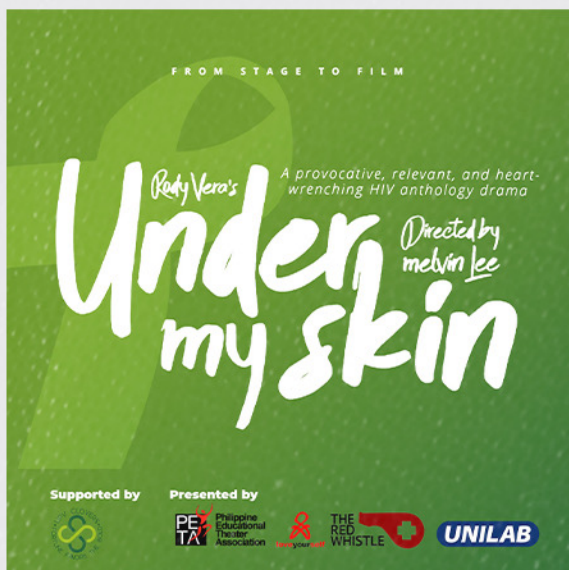


NOV. 29, 2021

UPV Clovers

Under my skin: A provocative, Relevant and Heart-Wrenching HIV Anthology Drama

DEC. 5, 2021



Atom Pinoy

LUNAS: Yugto sa Pangkalahatang Pagpayapag Tungong Makamasang Pampublikong Kalusogan

Focus on informing and empowering the common folk to make informed decisions taking into account public health in the communities that they belong to. Provide an avenue for Filipino Scientists to interact with the Filipino youth through a series of webinar. Encourage the Filipino Youth to become scientists in the future



DEC. 3 - 12, 2021



Group Photo Contest

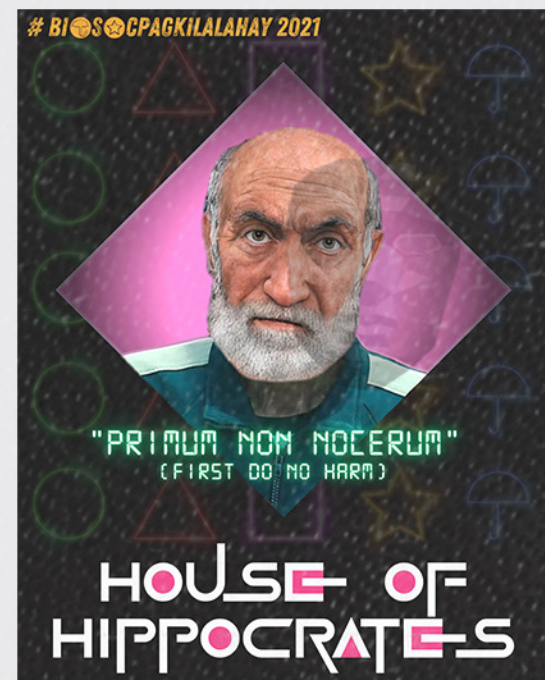
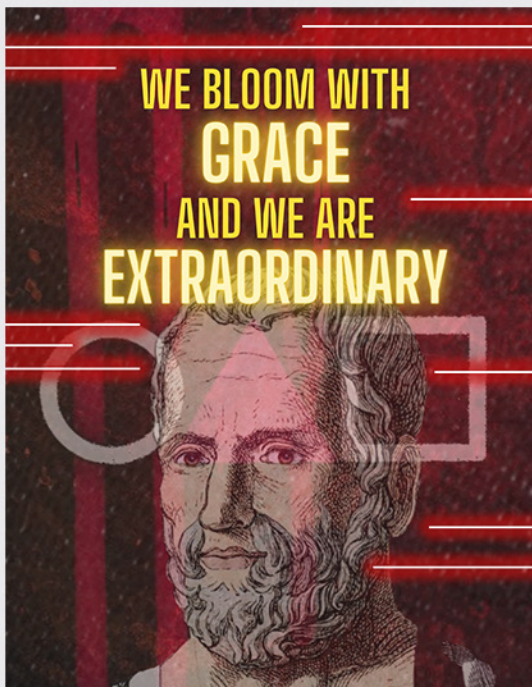
DEC. 7, 2021

Members of the Four houses joined the Group photo contest organized by the officers of the organization.



BANNER MAKING

CONTEST



DEC. 8, 2021

COSTUME MODEL CONTEST

The officers organized a costume model contest with the theme inspired from the movie Squid Game.

Costume Contest GUIDELINES

1. Each house should have one (1) representative.
2. Representative should dress according to the theme (squid game).
3. Each representative should prepare a caption on their corresponding photos.
4. Entries will be submitted on or before December 14, 11:59 PM.
5. All entries will be uploaded on the given google drive link.
6. Winners will be decided by Facebook reacts and corresponding judges.

CRITERIA FOR JUDGING

Online Votes: 50%
Judges: 50%

POINT SYSTEM

1st place: 100 pts
2nd place: 75 pts
3rd place: 50 pts
4th place: 25 pts

EXTRA POINTS

People's Choice: 50 pts
First to Send: 50 pts
Most Comments: 50 pts
Most Shares: 50 pts

DEADLINE: December 14, 11:59 PM



DEC. 10, 2021

YOU AND ME AGAINST HIV: A forum on HIV/AIDS Awareness in the COVID-19 Pandemic

In celebration of **World AIDS Day** (December 1)



**A forum on HIV/AIDS Awareness
in the COVID-19 Pandemic**

December 11, 2021 (6:00PM - 7:40PM)
via GMeet and FB Live

Co-presented with



In partnership with



CPU BIOSOC SECOND VIRTUAL PRAISE AND JAM WORSHIP



DEC. 15, 2021

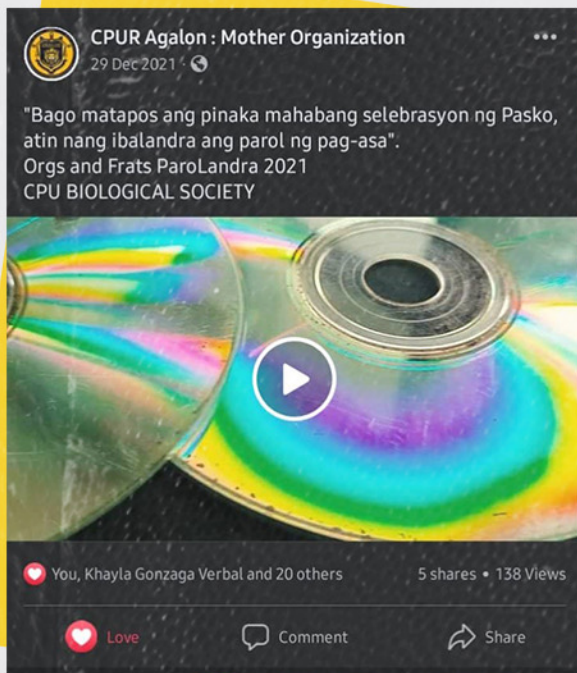
CPUR Agalon: Mother Organization Parol-Making

CPU BIOSOC joins the CPUR PAROLANDRA CONTEST



DEC. 29, 2021

PAROL VIDEO MAKING CONTEST



The organization joined the Parol Video-making contest organized by the Ministry for Organization and Fraternities.

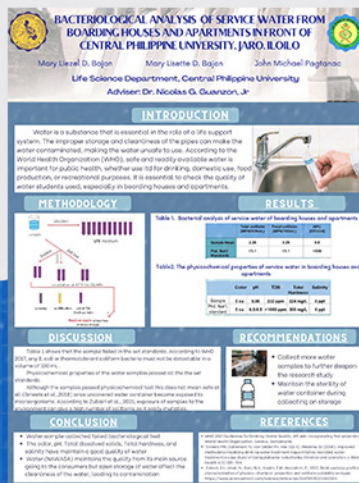
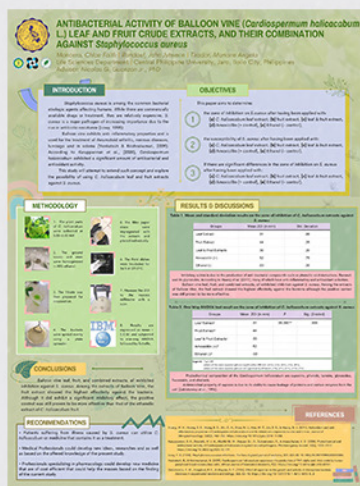


DEC. 29, 2021

SCIENTIFIC RESEARCH CONTEST

JAN. 8, 2022

4th year BS Bio students joined the Annual Scientific Research contest organized by the Phil. Society for Microbiology-Region 6.



CREATIVE VIDEO AWARDS

The CPU BioSoc won the Best Creative Video Awards and Runner-up in Parol-Making Contest during the Parolandra, a parol making contest organized by the CPU Republic.



JAN. 10, 2022

BEST POSTER AWARD

4th Year BS Bio students won the Best Poster Award during the Scientific Research Contest by the Phil. Society for Microbiology-Region VI.



2021 PSM VISAYAS
28TH ANNUAL MEETING AND REGIONAL SCIENTIFIC CONVENTION
THEME: "MICROBIOLOGY AND BIOTECHNOLOGY: SCIENTIFIC OPPORTUNITIES TO ADDRESS GLOBAL CHALLENGES"
December 16 - 17, 2021

The Philippine Society for Microbiology, Inc.
Visayas Regional Chapter

awards this

BEST POSTER – THIRD PLACE
(Undergraduate Category)

to

Leo John Matulac, Prince Edmar Nismal, and Hanna Mae Parreño

for the poster titled

Parasites in Aquatic Organisms at Sinuhutan Cave, Barangay Onop, Miag-ao, Iloilo

Given this 8th day of January during the PSM Visayas 28th Annual Meeting and Regional Scientific Convention held on 07-08 January 2022 via Zoom hosted by Central Philippine University, Jaro, Iloilo City, Philippines

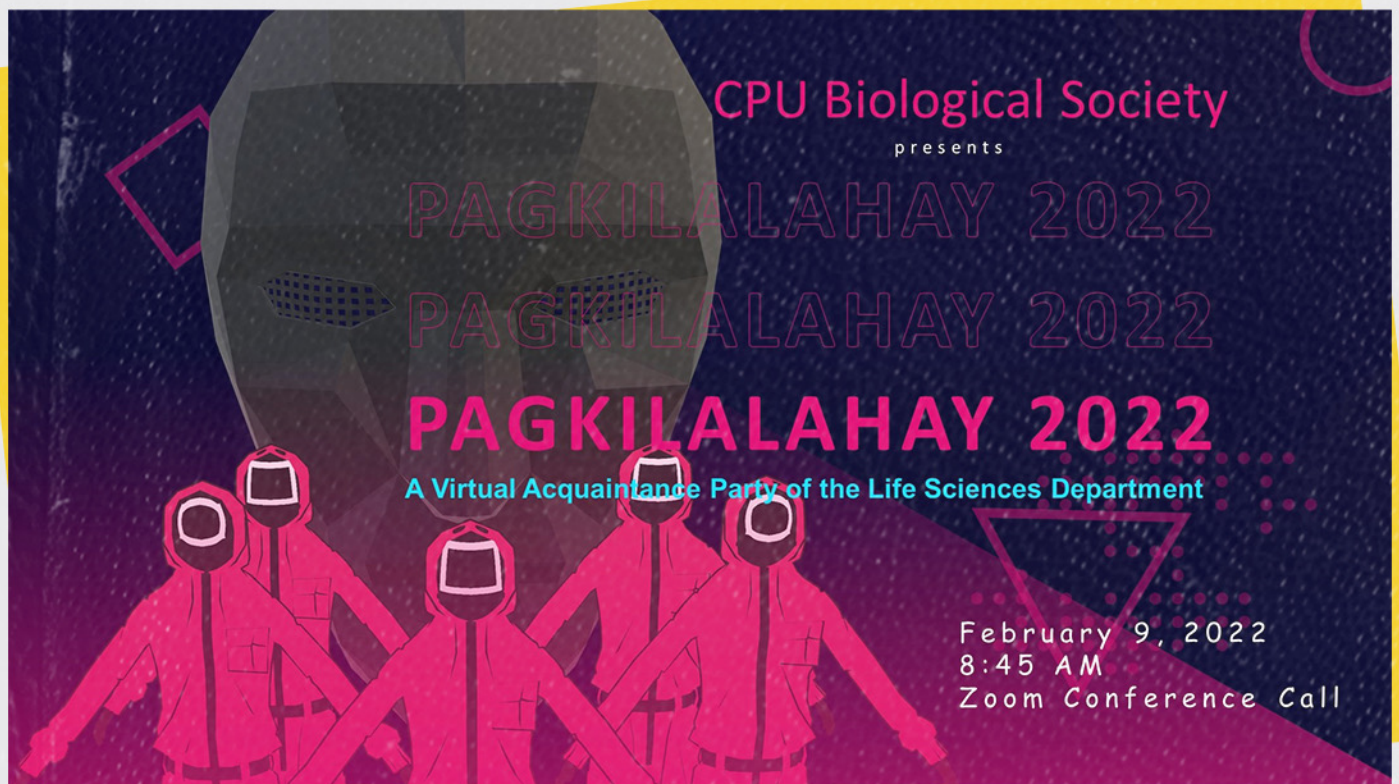
Rolando V. Fajusiana Jr.
Rolando V. Fajusiana Jr., PhD.
President

Resurreccion B. Sadaba
Resurreccion B. Sadaba, PhD.
Corresponding Secretary

JAN. 13, 2022

Virtual Pagkilalahay Acquaintance Party

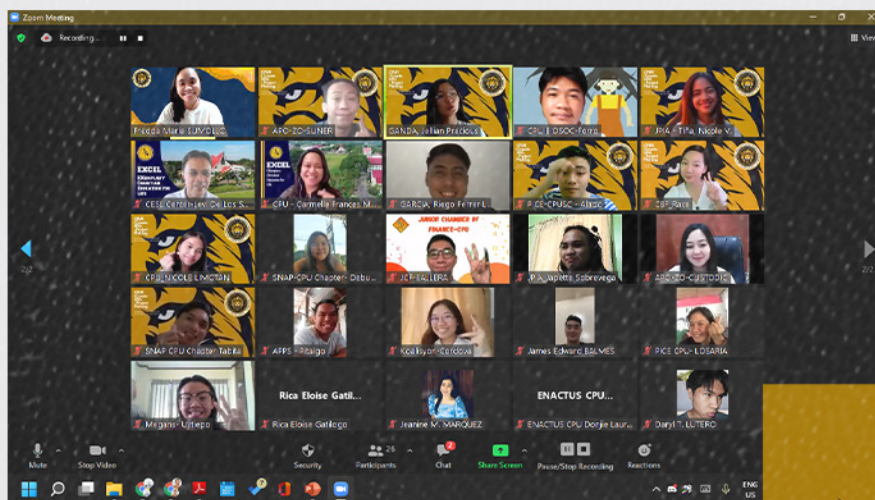
An event organized by the officers to allow the freshmen to interact with their senior virtually.



FEB. 9, 2022

Project Pitching

CPU Biosoc joins the annual Project Pitching of the CPU Republic where they presented their project proposal entitled, "Establishment of Youth Response Team in Brgy. Yabon Janiuay, Iloilo"

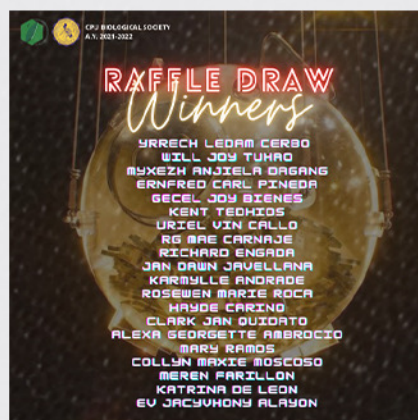


FEB. 16, 2022

Virtual Pagkilalahay

Announcement

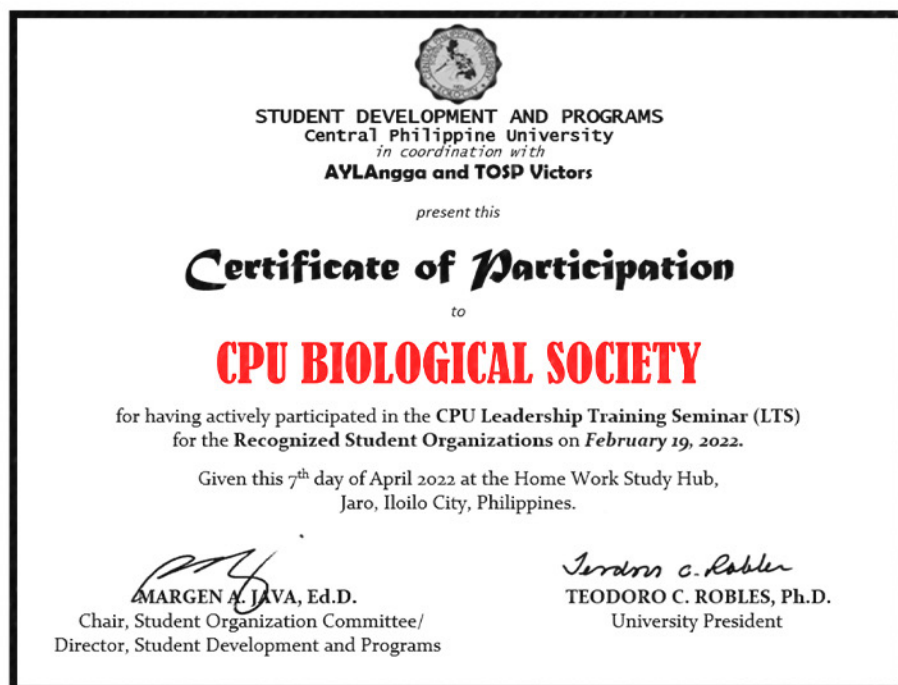
Announcement of winners of each
games during the Virtual Pagkilalahay



FEB. 18, 2021

SDP Leadership Training

CPU Biosoc attended the annual SDP Leadership Training held via Zoom Conference.



FEB. 19, 2022

THE ALLIANCE OF PHILIPPINE PRE-MEDICAL SOCIETIES, INC.

AUXILIUM 2022: A Concert Benefit for Cancer

The CPU Biosoc joined the AUXILIUM 2022's Voices of Hope. Listen to songs of love, life, and empowerment as we raise both funds and awareness for the Cancer Warriors Foundation Inc. in lieu of National Cancer Awareness Month With competitive performances from Ralph Salango, Renzy

AUXILIUM 2022

A CONCERT COMPETITION FOR CANCER



FEBRUARY 26, 1 - 5 PM LIVE ON APPSOC'S FACEBOOK PAGE
WITH PERFORMANCES FROM SWEET SUMMER NIGHTS | DEZ AND DEL | TINIG AMIANAN | DOS AND IYAY | RAQUEL VELA | JAY-ANNE RAGANAS AND CAZZIE SALAZAR
HOSTED BY CHRISTIAN JAY | PAMELA JOY







Cancer Warriors Foundation, Inc.

Meet our Beneficiary

ABOUT

CWFI's images



CWFI's Contact Information

cancerwarriorsfoundation@gmail.com
[facebook.com/cancerwarriorsfoundation](https://www.facebook.com/cancerwarriorsfoundation)
[instagram.com/cancerwarriorsfoundation](https://www.instagram.com/cancerwarriorsfoundation)

Programs and Services

- Medical and Psychosocial Assistance**
Care of the body and protection of the foundation
- Scholarship/Home Schooling Program**
CWFI helps (financial) support students to study their full potential and reach their dreams.
- Awareness and Advocacy**
• Making the Government Acknowledge
• The 2nd Rigodon Campaign
• International CWF Day
• Cancer Day
• International Childhood Cancer Week (ICCCW)
- Organize Events**
• Concert
• Walk and Run for Life
• Charity Gala Night
• (A Special Cancer Campaign)
• Kids Activities

Auxilium Donation Lines



Bank Transfer: BDO
Account Name: Yvonne Doran Gracia
Account Number: 009 500 0464



PayMaya
Account Name: Justin Salazar Lora
Account Number: 0968 508 4220



GCash
Account Name: Chloé Francisco Naigam
Account Number: 0997 500 3579



1:05

2:26

FEB. 26, 2022

Project Pitching Contest

MARCH 2, 2022

AWARDING

The CPU Republic announces the winners of the Project Pitching Contest and CPU Biosoc was awarded with Best Presentation Award and 3rd Place Overall.

SPECIAL AWARD FOR BEST PRESENTATION

- 1. Koalisyon, Medical Laboratory Science Society, And CPU-Biological Society**
- 2. Philippine Institute of Civil Engineers - CPU Student Chapter**
- 3. Alpha Phi Omega- Zeta Omicron**

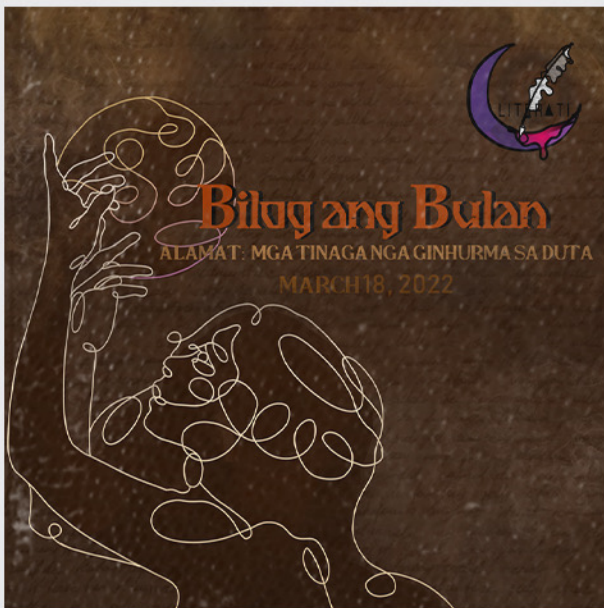
MARCH 18, 2022

UPV LITERATI

BILOG AND BULAN

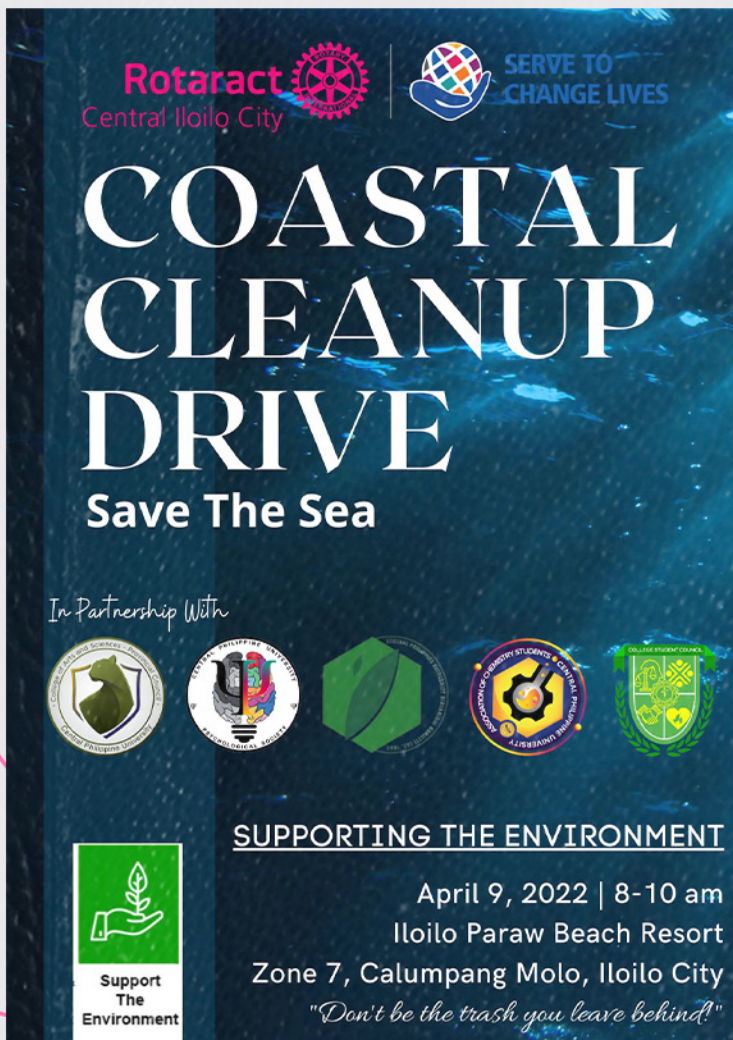
ALAMAT: MGA TINAGA NGA GINHURMA SA DUTA

A celebration of talents and our love for literature and the arts.
The CPU biosc together with UPV Literati filled the night with
stories and poetry with this year's Bilog ang Bulan – Alamat:
Mga Tinaga Nga Ginhurma sa Duta that was on March 18, 2022
via Zoom.



Coastal Clean-up

CPU BioSoc joined the Coastal clean-up organized by the Rotaract Iloilo.




Rotaract Central Iloilo City

SERVE TO CHANGE LIVES

COASTAL CLEANUP DRIVE

Save The Sea

In Partnership With



SUPPORTING THE ENVIRONMENT

April 9, 2022 | 8-10 am
Iloilo Paraw Beach Resort
Zone 7, Calumpang Molo, Iloilo City
"Don't be the trash you leave behind!"

Support The Environment



APRIL 10, 2022

APRIL 13, 2022

Typhoon Agaton

Fund Raising Activity

Fund raising activity was organized by the 4th year BS Biology Students for the victims of Typhoon Agaton

CALL FOR DONATIONS

#AGATONPH

Relief operations for affected families

FOR CASH DONATIONS

ACCOUNT NAME: NICOLE JOHN C. FORRO

BANK NAME	ACCOUNT NUMBER
BPI	1339316526
LANDBANK	3946057761

SCAN TO DONATE

 **GCash**



09084795742
Pamela Sue Hilada

 **PayMaya**



09084795742
Pamela Sue Hilada

FOR IN-KIND DONATIONS

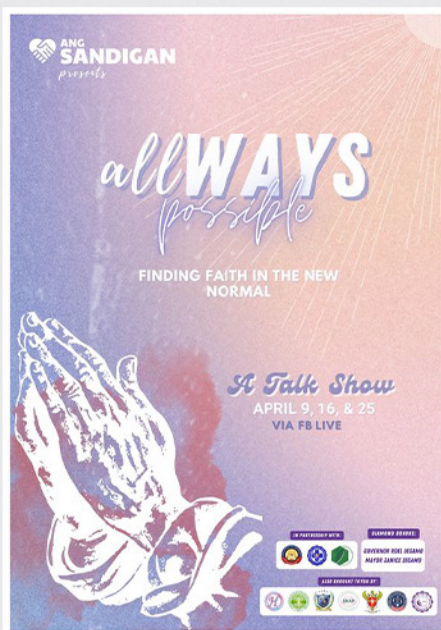
Food (canned goods, rice), Water, Blankets, Hygiene kits
Please call 09084795742/09293242740 to facilitate drop-off of donations

facebook: CPU Biological Society

Ang Sandigan:

Always Possible Finding Faith in the New Normal

This is a series of inspirational testimonies from people who have beat the odds before but are now victorious and have a story to tell. Its goal is to let the viewers learn and be inspired by the interviews to each speaker that will definitely highlight faith and their challenges through the pandemic



APRIL 9 - 23, 2022

Relief Operation Drive

4th year BS Biology students conducted a Relief Operation Drive at Tinaytayan Elementary School, Dumarao, Capiz.



APRIL 25, 2022

