Department of Science and Technology Philippine Science High School CALABARZON Region Campus

ANNUAL

REPORT

# Toward an **Inclusive Recovery**

Administration | Academics | CO-/Extra-Curricular Student Services | Human Resource



# Integrity. Service. Excellence.

PHILIPPINE SCIENCE HIGH SCHOOL CALABARZON REGION CAMPUS Sitio Sampaga West, Brgy. Sampaga Batangas City, 4200



# Vision

We are the leading science high school in the Asia Pacific region preparing our scholars to become globally-competitive Filipino scientists equipped with 21st century skills and imbued with the core values of integrity, excellence, and service to nation.

# Mission

The Philippine Science High School, operating under one System of Governance and Management, provides scholarships to students with high aptitude in science and mathematics.

The PSHS System offers an education that is humanistic in spirit, global in perspective, and patriotic in orientation. It is based on a curriculum that emphasizes science and mathematics and the development of well-rounded individuals.

The PSHS System prepares its students for careers in Science and Technology and contributes to nation building by helping the country attain a critical mass of professionals and leaders in Science and Technology.





# ANNUAL REPORT 2022

# Toward an **Inclusive Recovery**

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# On Tenacity, Growth, and Triumph

THIS ANNUAL REPORT encapsulates the achievements and challenges faced by our institution in 2022, a year defined by tenacity and growth amid the ongoing pandemic recovery.

Our school demonstrated exceptional performance, earning a very satisfactory overall rating in the Office Performance Commitment Report. This recognition underscores the commitment and hard work of our faculty, staff, and students in maintaining academic excellence and organizational efficiency.

Validation of our commitment to quality came through a successful ISO surveillance audit, with various processes recommended for recertification. This reflects our dedication to continuous improvement and adherence to international standards.

A significant milestone was the triumphant resumption of face-toface classes, guided by meticulously crafted policies to prevent the spread of the COVID-19 virus within our campus. The historic face-to-face graduation for Batch 2022 Mirasol marked a momentous achievement in the face of adversity.

We celebrated the vibrancy of our students during the Humanities and STEM week, showcasing their diversity and brilliance. Our scholars excelled beyond campus boundaries,

... 2022 was a chapter of resilience, growth, and triumph for the **Philippine Science High School CALABARZON Region Campus.** As we navigate future challenges, let us uphold the values that define our institution and work collectively towards a brighter and promising tomorrow.

participating victoriously in research events and various competitions, showcasing the prowess of PSHS CALABARZON.

Prioritizing student well-being, we conducted successful mental health programs, recognizing the importance of nurturing both academic and emotional growth. The RACE for Admissions exceeded expectations, receiving an overwhelming number of high school application forms from the CALABARZON Region.

Our commitment to employee development was evident through successful training programs and gender-awareness activities, fostering a conducive working environment and contributing to the holistic growth of our workforce.

In conclusion, 2022 was a chapter of resilience, growth, and triumph for the Philippine Science High School CALABARZON Region Campus. As we navigate future challenges, let us uphold the values that define our institution and work collectively towards a brighter and promising tomorrow.

DR. JOSE M. ANDAYA Campus Director



#### From the Chief of Curriculum and Insruction Division

# On Resilience and Dedication

AS WE REFLECT on the challenges faced in the 2022-2023 school year, marked by the theme "Toward an Inclusive Recovery," we commend our resilient scholars and dedicated teachers and staff.

The temporary shift to remote learning during the two weeks of first quarter of the school year due to rising COVID cases posed a hurdle, but thanks to the adaptability of our learning management system and the commitment of our stakeholders, we successfully navigated through.

Despite the obstacles, our exceptional scholars excelled in both online and face-to-face academic competitions, showcasing their prowess in STEM and Humanities, locally and internationally. The summer season brought its own set of challenges with extreme weather conditions. Despite sweltering classroom temperatures, our scholars showcased remarkable resilience, persisting through face-to-face classes to successfully conclude the quarter.

In addition, our CALABARZON scholars have once again demonstrated their brilliance, Notably, our scholars achieved high scores, particularly in Integrated Science, Math, Biology, Physics, Chemistry, and English during the Readiness Examination taken by all PSHS students nationwide. emerging as some of the brightest and most excellent among the PSHS regional campuses. Notably, they achieved high scores, particularly in Integrated Science, Math, Biology, Physics, Chemistry, and English during the Readiness Examination taken by all PSHS students nationwide. This achievement is a testament to the dedication and academic provess of our scholars in the face of challenges.

Looking ahead, the Curriculum and Instruction Division remains steadfast in our commitment to delivering quality education. We acknowledge the deserving Filipino youth and pledge to continue working tirelessly to nurture the brilliance and hard work of our scholars.

Together, let us forge a path of inclusive recovery and excellence in education.

MABELLE V. FURTO CHIEF, CID



From the Chief of Student Services Division

# On Responsiveness and Maturity

THE EVENTS LEADING TO THE YEAR 2022 allowed us to evaluate more clearly the merits of both Modes of Learning and face the Year with a better understanding of the complexity of the Learner and the Learning Process and their interaction within a Continuum.

Indeed, we were better as we ended the Year with more responsive protocols for monitoring health, safeguarding well-being, and improving the safety of students and employees on campus.

Amidst limited resources and budgetary constraints, various activities for the mental health of students were implemented through the creativity, dedication, and sacrifices of non-teaching personnel. Online learning resources were made available as well as additional allied health services. Residence Hall accommodations were increased and a homier atmosphere resulted in better compliance with existing rules and procedures.

Following the principle of making processes simple but not simplistic, document requests were made seamlessly connected through various And if we are to assess the campus using Rostow's stages of growth and development, we are now at the advent towards the drive to maturity — where the consistency in the efficiency of processes weld solidly with verifiable systems... online applications. And if we are to assess the campus using Rostow's stages of growth and development, we are now at the advent towards the drive to maturity—where the consistency in the efficiency of processes weld solidly with verifiable systems being manned by conscientious employees that can be checked anytime by stakeholders through transparently audited reports.

With all these, we are grateful to the entire PSHS System and the DOST for providing the overall direction, and the ManCom for the purposeful leadership! And we are thankful for the selfless service of all teachers and employees, and the prudent generosity of parents and stakeholders!

JORGE M. JOB CHIEF, SSD



# From the Chief of Finance and Administration Division On Steadfastness and Adaptability

2022 WAS A YEAR FULL OF HOPE but tainted with uncertainties and reservations from the pandemic that struck the world and challenged our capability and resilience.

As the whole bureaucracy struggled to work on their respective performance targets with the meager funds that were available, we tried to pursue the aspiration to provide the best facilities for our students. Shortage of slots for scholars who wanted to avail the dormitory services was addressed thru reallocation of funds to rent out a lodging facility, which was a major blow against the school's financial resources, as this was unprogrammed but a highly pressing concern.

Despite full implementation of the K-12 Program, the school's permanent manpower requirement remained inadequate in the last couple of years, especially the teaching positions which were last augmented in 2020. Hiring competent teachers and staff on contractual basis was one among the top priorities for the year's expenditures to address this gap and deliver the same top-notch quality of education to scholars. Hurdles come and go, trying to bring out the best and worst in us. but with the will to withstand the tests of time and the strength we gain from solid partnerships with the parents, employees and the whole communitythe **Campus will** continue to thrive and be better than what it used to be.

Though the health protocols were eased down throughout the country, the school remained steadfast in its goal to minimize if not totally avoid local transmission of communicable diseases with continuous procurement and provision of hygiene supplies, materials and facilities that would motivate everyone to practice regular disinfection and physical distancing.

Pisay CALABARZON is a testament of adaptability. The impact of the past setbacks lingers, leaving us with choices that may impede our continuing success. Hurdles come and go, trying to bring out the best and worst in us, but with the will to withstand the tests of time and strength we gain from solid partnership with the parents, employees and the whole community, the Campus will continue to thrive and be better than what it used to be.

MA. THERESA P. PAGULAYAN CHIEF, FAD



# Administration

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PHILIPPINE SCIENCE HIGH SCHOOL - CALABARZON REGION CAMPUS



Office Performance Commitment Report 2022

### **DOST POINT AGENDA:**

# Increased Competitiveness of Filipinos in Science and Engineering



AGENCY ORGANIZATIONAL OUTCOME		Rating	
A. STEM Secondary Education on Scholarship Basis Program			4.6
B. STEM Promotions Program			5.00
C. General Administration and Support			4.57
D. Leadership Role in Segondary STEM Education			5.0
ASSESSED BY: OOSE M. ANDAYA Final Rating by:		0.00 4-792	
Date Date	LILIA T. HABACON		
Performance Management Team	L Head of Agency		

## **Division/Individuals Accountable:**





## SCHOLARSHIP BASIS PROGRAM

OFFICES INVOLVED:

1. Percentage of PSHS Graduates Pursuing STEM

Percentage and Number of PSHS students pursuing STEM courses

complete the 6-year scholarship

program

Cohort survival rate - percentage of scholars who advance to the succeeding grade level until they

97.73% TARGET: 90%

88.89%

#### 2. Scholars Supported for SY 2019-2020

No. of scholars supported for SY 2022-2023

or 99.4%

TARGET: 687 scholars

% %

85%

⁰⁄₀

182%

TARGET: 85%

94%

TARGET: 80th percentile

3. Percentage of Winnings/Awards/Recognition from the total number of STEM-related international competitions participated in by PSHS

Percentage of Winnings/Awards/	313
Recognition from the total number	122
of STEM international competitions	122
participated in by PSHS	TARGET
Percentage of winnings/awards/	318

Recognition from regional and national competitions

4. Percentile of PSHS students in math in the US-based SAT or PSAT

Percentile of PSHS students in math in the US-based SAT or PSAT



#### OFFICES INVOLVED:

#### **B. STEM PROMOTION PROGRAM**

OFFICES INVOLVED:

1. Percentage of municipalities with applicants to the NCE

Number of municipality/city and recipients of promotional activities

91 municipalites TARGET: 15

Percentage of municipalities with applicants to the NCE

64.08%

100%

TARGET: 90%

Percentage of freshmen who were able to get a GWA of 2.5 or better in the 2nd quarter of the school year

C. GENERAL ADMINISTRATION AND SUPPORT OFFICES INVOLVED:

Budget Utilization Rate

Status of E-NGAS in Accounting Unit 99.86% TARGET: 85% FULLY FUNCTIONAL TARGET: Fully-functional E-NGAS operation for the

whole year

TARGET: 1

COMPLIANT

No. of campuses/office compliant to ISO 9001:2015 (Surveillance)

1. Number of supervisory and coordination activities that will enhance academic and administralive operations

Policies and actions resolved by the Board of Trustees (ManCom)

No. of academic activities (research, training, curriculum development, etc.) conducted

No. of administrative activities (training, audit, planning, etc.) conducted





**25** TARGET: 4

# 2022 Surveillance Audit



#### **POSITIVE FINDINGS**

- **Commendable** continuous strive of the organization in providing quality service to interested parties despite the pandemic.
- **Strong** process traceability was observed in the audit of IQA and DCC.
- Concise, engaging, and comprehensible teaching skills were observed during the lecture of the Chemistry 2 subject for Grade 10 Electron facilitated by C. Basbas.
- **Commendable** high external customer satisfaction in various support processes and student customer satisfaction in CID.
- **Commendable** multiple achievements received by the organization, both international and local, signifying continuous academic excellence of the organization despite the transitions being done in accordance with the face-to-face classes.

#### **OPPORTUNITIES FOR IMPROVEMENT**

- Consider inclusion of target completion date indicated in IT Job Request Forms or established completion date requirement in the identified quality objectives [ITU].
- May improve the maintenance targets of ITU by ensuring that it considers all of its core functions.
- To improve identification of specific activities being done related to inspection of checking of building integrity and facilities.
- Ensure that the internal customer satisfaction survey will have enough respondents in order to represent a valid and acceptable result.

### Summary of Conformity

### Curriculum and Instruction Division

All reviewed processes have demonstrated strong adherence to the established operating procedures. Consistency of information was noted among the reviewed samples in all processes. Risks and its relevant controls are adequately identified. All process owners have also demonstrated satisfactory knowledge on the applicable subject matters during the interview. DPCR has adequate monitoring results although. Traceability of transactions was evident based on the established coding system and outputs are controlled based on the set release criteria per process, plus adequate review and approval process for all changes, where applicable is also in place in various forms.

### **Registrar's Office**

Despite issues noted in intercampus transferees, implementation of established processes was seen for the most part in the provided evidences during the time of the audit. Corresponding risks and opportunities as well as quality objectives were all considered to be relevant in its functionalities and day-to-day operations. Competency of the personnel were also evident during the time of the audit. Customer satisfaction were also evidently met.

### **Management Review**

Overall, the organization was able to provide appropriate and adequate evidences of implementation of QMS 9.3 for the most part. Required Management Review inputs and outputs were noted in the provided minutes of the meeting. Evidence of participation of the Top Management was also noted.

### **Internal Audit**

The Internal Quality Audit was completed based on the presented audit schedule, meeting minutes and attendance sheets. Audit findings were captured and monitored effectively. The auditors were trained and evaluated for their audit performance based on the records presented. Audit checklists were all supported with actual audit notes containing, positive and negative findings from the auditors. IQA Procedure QM 13.2 eff February 2020 IQA and CA Procedure 13.4 eff February 2020 were satisfactorily implemented ensuring strong adherence to clauses 9.2, 10.2 and 10.3 of ISO 9001:2015.

### **Guidance and Counseling**

In summary, effective implementation of established process controls were also evidently seen in the retrieved samples during the time of the audit. Corresponding maintenance of the area were also evidently seen, with the main consideration of ensuring confidentiality of the information of the students having counselling activities. Risks and opportunities as well as quality objectives were also seen to be updated and reviewed by the area owners, and was seen to be relevant to the function and activities being done in the department. Competency of area owners were also noted thru provided qualifications and during actual demonstration and knowledge during the time of the audit.

### **Document Control**

Control of documented procedure comprehensively captures requirements pertaining to document creation/ revision (Superseded), deletion (Obsolete), versioning or coding, disposal, and access (Copyholders/Distribution). Applicable requirements for handling physical and soft copies of the documented information were also noted. The reviewed requirements holistically covered both internal and external documented information Master lists of Document and Records contains relevant information that ensures the summarized information of a document/form. Effective management of documented information maintained and retained was satisfactorily demonstrated.

### General Services Management Unit and IT Unit

In summary, effective implementation of established process controls were also evidently seen in the retrieved samples during the time of the audit. Corresponding maintenance of the area were also evidently seen, with the main consideration of ensuring confidentiality of the information of the students having counselling activities. Risks and opportunities as well as quality objectives were also seen to be updated and reviewed by the area owners, and was seen to be relevant to the function and activities being done in the department. Competency of area owners were also noted thru provided qualifications and during actual demonstration and knowledge during the time of the audit.

Source: QMS Office



Pisay CALABARZON recorded a 10% increase in the number of Grade 12 scholars joining the second week of pilot in-person classes on the campus after its successful implementation during the first week.

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IN-PERSON CLASSES

# Admin records 10% increase in F2F participants, expects continuous rise in following weeks

Pisay CALABARZON recorded a 10% increase in the number of Grade 12 scholars joining the second week of pilot in-person classes on the campus after its successful implementation during the first week.

From 29 participants, 31 students are now participating in the limited inperson classes with six scholars from Banahaw, 12 from Batulao, and another 12 students from Makiling.

"We look forward to the number of participants rising in the succeeding weeks, especially since our students are really having a good time on campus," CID Chief Joni Albarico said in an interview.

He highlighted that some students have already conveyed their intention to join the face-to-face classes starting next week, March 14.

Meanwhile, the student participants gave a generally high satisfaction rate about their experiences despite some difficulties such as weak internet connection and foot traffic.

"Nine out of ten. It's very fun and conducive to learning, but we have to travel and walk a lot," Jesusa Ferrer, a Grade 12 student joining the in-person classes, said, pertaining to the distance between the buildings. On the other hand, the school administration expressed their happiness about the successful start of the face-to-face classes in Pisay CALABARZON, as they become the first high school in Batangas Province to conduct in-person classes.

"We treat the limited in-person classes as our initial steps towards bouncing back after the pandemic," Albarico mentioned. "It also feels so nice to see students on campus."

## Admin eyes zero infections for face-to-face classes

thecalabarzonscholar.

The school administration targets zero infections for the upcoming quarter-long pilot face-to-face classes starting this February 28.

Curriculum and Instruction Division Chief Joni Albarico said in an interview with The CALABARZON Scholar that zero infections, while delivering the curriculum, will be the priority for the pilot classes.

"Syempre ang una nating goal diyan ay madeliver ang curriculum ng walang naiinfect. Yun kasi ang major factor kung bakit tayo nakadistance learning ngayon, yung spread, so yun yung pinakagoal natin, makapagdeliver ng curriculum and instructional services ng walang naiinfect na faculty member, staff, and student." Albarico elaborated.

#### Curriculum Under F2F

According to Albarico, the CID will retain the same policies from distance learning, such as not requiring attendance and flexible deadlines, and humanities classes will remain online. However, the schedule of STEM classes will be different.

"For example Math 6. Math 6 meets three times a week. Yung mga nasa school, they will meet on site three times a week, pero yung last day will be devoted for classroom exercises. So habang nagka-classroom exercises si Teacher, pwedeng nagsisynchronous class siya doon sa mga naka-distance learning.... naka-asynchronous yung mga nasa bahay, nagsi-synchronous yung nandito sa school," he explained.

However, the CID chief admits that in terms of learning competencies, students who attend face-to-face classes will have an advantage over those who opt to remain under distance learning because they can do on-site activities.

mation Record Ca de registro, que incluye inf ta recibido. Admin eyes zero infections for F2F classes; PTA raises concern re curriculum, protocols ARTICLE BY: Reg Dipasupil | PHOTO C/O: Smiley N. Pool, Kristoffer Nolan Morada

interview with The CALABARZON Scholar that zero infections, while delivering the curriculum will be the priority for the pilot classes.

"Siguro, ang medyo may advantage lang yun mga narito sa campus dahil they can do the activities on site, so makakagamit sila ng lab. Pero, kaya naman siyang i-parallel dun sa mga naka-asynchronous by finding an activity na ang intended learning outcome niva av pareho rin, magkaiba lang nga ng platform, siguro yung isa ay naka-lab, yung isa, nakaonline, with simulation [or other activities]," Albarico said.

#### Food and Internet Concerns

In a meeting between the PTA, the Student Alliance (SA) and the Administration last February 19, Jorge Job, Student Services Division Chief, assured that food prices will be reasonable for the students.

"Tumaas man siya, ibabase lang po sa inflation rate ang itataas. Ngayon po, magbreakeven lang ang kooperatiba, sobrang saya na nila. If worse comes to worst, the cooperative is willing to lose money just to make this pilot test successful. The canteen is operating not to get profit," Job said.

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Furthermore, the SSD chief announced that the canteen will be going cashless as much as possible, accepting payment through GCash, Paymava, and other e-money options.

Meanwhile. CID Chief Joni Albarico assures that the internet of the campus is prepared for the incoming influx of students, as new projects have made internet speeds faster and more reliable.

"As of now, wala kaming nakikitang problem kasi dito ay, compared noong previous maprocure yung structured cabling, mas okay yung internet dito ngayon sa campus eh," he explained.

#### Parents aired concerns

The PTA also aired its

concern to the Administration over the protocols hindering students from socializing with each other in its 3rd Council Meeting last January 22.

"One of the primary purposes of the F2F is socialization among the scholars, and realistically, the Council and the Admin can not expect that the campus health protocols are always followed. After ensuring that all scholarvolunteers are Covid negative, the Admin can implement minimum health protocols," the meeting minutes read.

However, Nurse Acezel Joy Azucena assured that while current protocols already allow socialization to happen, the Health and Services Unit will still enforce the protocol as much as they can.

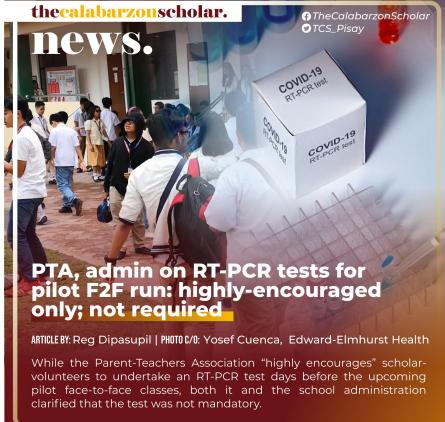
"We can allow socialization to some extent. We have a schedule na kailangan nyong sundin, may number of hours na allowed lang sa isang lugar. Naimplanta na namin yung mga al fresco dining setup, [mga distancing markers]. ... Pero, kung may makikita kaming [nagviviolate ng protocol], expect naman na magtatap kami, magpapaalala kami na sana masunod [ang protocols].

Furthermore, the school will allow students to use the gymnasium for physical activities as allowed by IATF protocols for Alert Level 2. but all activities need to be under adult supervision.

naman "Pagdating sa physical activities, katulad sa gym, sa Alert Level 2, pwede naman, pwede parin naman siyang gawin, pwede sanang magbadminton, with supervision din palagi, hindi pwede na kayo lang doon. So we encourage, we can allow, but always with supervision. Hindi mangyayari na pababayaan namin kayo," Azucena explained.

The Student Alliance was asked for comment regarding these concerns, but they have not been able to give a statement as of posting.

The administration is set to call for a meeting regarding specific protocols for the upcoming face-to-face classes sometime this week.



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#### EMERGENCY RESPONSE

# PTA, admin on RT-PCR test for F2F run: Highly encouraged; not required

While the Parent-Teachers Association "highly encourages" scholarvolunteers to undertake an RT-PCR test days before the upcoming pilot faceto-face classes, it clarifies, together with the school administration, that the test was not mandatory.

In an interview with The CALABARZON Scholar yesterday, PTA President Herman Erwin Atienza clarified that the council merely suggested the RT-PCR test, but the school administration never required it.

"Ang amin kasi talaga, voluntary. ...[The RT-PCR test] was highly suggested and adopted by the council to highly encourage the scholars to take the RT-PCR and present the negative results upon entry to the campus," the PTA President said

"Hindi yun policy ng school. Ibig sabihin, kung wala kayong RT-PCR, pwede pa din naman kayong pumunta sa school at sumali dun sa face to face classes. Additional protection lang yun na gusto ng GPTA at hindi siya mandatory at hindi sya requirement. Dapat malinaw yun sa batch [2022] na walang ganung policy ang campus," Mr. Jorge Job, Student Services Division Chief, explained in a meeting with the PTA yesterday.

Job also said that the school administration cannot rely on hearsay when it comes to procuring free RT-PCR tests, stressing that the school cannot assume it will receive RT-PCR tests from the Batangas Medical Center.

"Mahirap po naming panghawakan yung mga naririnig or may nagsabi. May draft letter po kami, asking for kung merong may donations, wala naman pong problema kung hihingi kami, pero yun po yung sinasabi ko sa inyo. ...never po naging policy ng [Batangas Medical Center] ang magpamigay ng libre ng RT-PCR," the SSD chief said.

The administration, however, will ask for antigen test kits for its own policy of randomly testing 1% of the school's population every two weeks.

"Yung letter asking for antigen test kit, talagang i-gogo po namin yan. ...Medyo matatagalan lang po kasi bidding process po yun sa gobyerno," Job stated.

In the absence of free RT-PCR tests, Atienza stated that the PTA are still looking for funds for these tests, but indigent scholars will be prioritized.

"Kailangan nating mag fund-raising. Mahirap lang kasi na iaannounce natin na yung mga walang pambili, sasagutin ng Batch 22 Emergency Funds. Ayoko nun eh kasi aminin na natin ang sitwasyon, may magtatake advantage dyan. ...ang plano namin, kaya may emergency funds, una para sa RT-PCR test na yan, para sa mga indigent scholars natin," he said.

# Nat'l institute director bats for scientific effort versus neglect of STEM in Philippines



ARTICLE BY: Jacob Viernes | PHOTO C/O: Angela Palconit

"You can imagine that there are a lot of frustrated scientists in our country, and by frustrated, I mean those that choose to stay in the country despite all the obstacles and challenges in doing science and still strive to improve the system," Bagamasbad said.

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Dr. Pia Bagamasbad, Director of the National Institute of Molecular **Biology and Biotechnology**, highlighted scientists' efforts to combat the disregard of science and research development in the Philippines for future generations of scholars.

In a speech at Pisay CALABARZON's 9th Founding Anniversary, Dr. Bagamasbad stressed that although undervalued, Filipino scientists including her are struggling to improve the quality and funding of science, technology, engineering, and mathematics (STEM) in the nation. "You can imagine that there are a lot of frustrated scientists in our country, and by frustrated, I mean those that choose to stay in the country despite all the obstacles and challenges in doing science and still strive to improve the system," Bagamasbad said.

She also noted that the fight for more science and research opportunities would be beneficial for future professionals.

In light of this, the director also compared the cost of experimentation between the United States and the Philippines, which she further cited as a reason in questioning her decision for returning. "For a country that allots minimal financial resources; approximately about 0.5 percent of the national budget, towards research development, it was very frustrating to discover that it is two to ten times more expensive to conduct live experiments here than in the U.S.," Bagabasbad expressed.

Moreover, she reassured students that the day will come when they need not to go overseas in search for a better future and thrive in their respective fields of research.

She added that pupils not only recognize the efforts of the scientific community but also the people investing in research and STEM to produce worldclass and quality education that can be of good use to Filipinos locally and abroad.

"My role as a mentor is to impart knowledge and skills to the next generation of students so that you may realize your full potential in preparing to take the opportunities and challenges to succeed in your choice of career," she said.

In particular, she reminded students to realize the importance of education and the responsibility to be of service to the nation

"My hope is that I do my job well enough not just in terms of imparting knowledge and skills but more importantly in making my students realize the value and significance of serving the country and the people that invest so much in their career in education," she added.

On the other hand, Bagamasbad implored Pisay scholars to employ the scientific method in real life applications, to acknowledge and to learn from failures, as well as to uphold the values of integrity, excellence, and service.

"You should always prove that you are a worthy investment of the country and the Filipino people," she said.

Additionally, she included that being a worthy "investment" does not necessarily translate to pursuing a STEM-related profession, but instead working with honor and expertise with the intention of benefiting society and the nation.

The inspirational message by Dr. Bagamasbad was followed by the awarding of outstanding personnel and offices as determined by PRAISE Committee. Special numbers were also given by Serenata Stellar, PSHS- CALABARZONRC, Rondalla, and Marahuyo Dance Club.



# Curriculum & Instruction





GRADUATION

## **Batch Mirasol: 2nd batch of scholars to graduate** from 12-year STEM Education at Pisay CALABARZON

The second graduation rites of the Philippine Science High School -CALABARZON Region Campus with a theme of "Paghawan ng Landas tungo sa Maliwanag na Bukas" was held on June 9, 2022 at the school's gymnasium. Mr. John Vincent K. Forteza hosted the event.

The second recognition rites of the Philippine Science High School - CALABARZON Region Campus with a theme of "Paghawan ng Landas tungo sa Maliwanag na Bukas" was held on June 9, 2022 at the school's gymnasium. Mr. John Vincent K. Forteza hosted the event.

Miguel Carlo Antonio D. Fuentebella of 12 - Makiling started the ceremony with a heartfelt message to his batchmates-Batch Mirasol.

This was followed by a congratulatory message to the graduates from Mayor Beverly Rose A. Dimacuha who could not attend the celebration.

Dr. Jose M. Andaya, Campus Director then introduced the Guest of Honor, Dr. Richard S. Abedan of RTI International. Abendan shared his Dr experiences as a scholar and a chemist. He urged students to build their relationships, appreciate their teachers, expand their worldview, and use their intelligence for good. He also called on them to work hard and contribute to the nation. He ended his speech by congratulating the graduates on this new chapter in their lives

The presentation of the diplomas followed.Grade 12 advisers Ms. Regina Monnic M. Bacalla, Mr. Christopher Nicole G. Elemos, and Ms. Aileen Rose D. Barte called each of their students to receive their certificates on stage. Chief of Curriculum and Instruction Division, Mr. Joni M. Albarico then gave the awards to students who showed exemplary academic work.

The following are the students who received special distinction:

#### WITH HIGHEST HONORS

Cueto, Mark Ranielle R.

#### WITH HIGH HONORS

Alleda, Liam Audrey A. Arenas, Arvin Jayson E. Austria, Kathleen Joyce C. Budiongan, Pearl Gabrielle G. Cantos, John Howard Niles F. Cuenca, Yosef Christian M. Dipalac, Iris Nelle B. Dipasupil, John Regulus Michael A.

Domondon, Annika Marie P.

Estrada, Ivan G. Estrella, Mary Gencel V. Ferrer, Jesusa Gwyneth Francesca Belial C. Fuentebella, Miguel Carlo Antonio D. Liwag, John Joseph S. Liza, Andrei Ricardo O. Magada, Maria Laurize Malabanan, Christiana Fatima P. Manay, Allysakyle Marie M. Plata, Alyssa Seanne M. Rangasa, Flobert P. Rosales, Celine Lourdez S. Saludares, Weinfree D. Valeriano, Christian Daniel E. Vila, Gabriel Angelo V.

#### **Excellence Award in** Biology

Alleda, Liam Audrey A.

#### **EXCELLENCE AWARD IN** CHEMISTRY

Cueto, Mark Ranielle R.



#### EXCELLENCE AWARD IN PHYSICS

Vila, Gabriel Angelo V.

**EXCELLENCE AWARD IN RESEARCH** Arenas, Arvin Jayson E.

**EXCELLENCE AWARD IN MATHEMATICS** Cueto, Mark Ranielle R.

**EXCELLENCE AWARD IN COMPUTER SCIENCE** Arenas, Arvin Jayson E.

**EXCELLENCE AWARD IN ENGLISH** Plata, Alyssa Seanne M.

EXCELLENCE AWARD IN FILIPINO Llagas, Emil Jan I.

**EXCELLENCE AWARD IN SOCIAL SCIENCE** Dipasupil, John Regulus Michael A.

#### EXCELLENCE AWARD IN ENGLISH JOURNALISM

Dipasupil, John Regulus Michael A.

**EXCELLENCE AWARD IN FILIPINO JOURNALISM** Lat, Rey Matthew M.

**EXCELLENCE AWARD IN ART/ADTECH** Cuenca, Yosef Christian M.

**EXCELLENCE AWARD IN PEHM** Villa del Rey, Bernice M.

DOST SECRETARY AWARD

**FOR MODEL SCIENCE** Cueto, Mark Ranielle R.

**PSHS LEADERSHIP AWARD** Villa del Rey, Bernice M.

After the presentation of

awards, Mark Ranielle R. Cueto took the stage to give the closing message to the batch.

The Pisay graduates then took their oath as scholars of the nation led by John Joseph S. Liwag of 12-Batulao, and pledged their membership to the PSHS National Alumni Association by Ms. Mary Rose Judith S. dela Cruz.

Class Mirasol then presented their own batch song to their parents and teachers. The song played with some clips and photos throughout the six years they had at Pisay CALABARZON.



#### HUMANITIES

## Hiraya-themed Humanities Week highlights Pisay scholars' appreciation of arts, culture

The Philippine Science High School (PSHS) CALABARZON Region Campus held its annual Humanities Week on November 14-18, 2022. The event revolved around the theme "Hirayang Pinagbibigkis Tungo sa Kolektibong Pangkalinangan ng Pamayanang Pisay sa Panahon ng Pandemya."

The festivities commenced with the formal opening of the Intramurals. Pisay scholars competed in different sports and dance competitions to showcase their talents. They also dedicated the day to plan and prepare for the activities of the week.

The following day, November 15, marked the 9th Founding Anniversary of the school. Guest of Honor Dr. Pia Bagamasbad, Director of the National Institute of Molecular Biology and Biotechnology (NIMBB) gave an inspiring speech and urged Pisay scholars to use the scientific method in their lives, to learn from failures, and to uphold the values of integrity, excellence, and service. The inspirational speech was followed by the awarding of outstanding personnel and offices as determined by the PRAISE Committee. Special numbers were also given by Serenata Stellar, Rondalla, and Marahuyo Dance Club. The day culminated with a Battle of the Bands competition, where talented student musicians showcased their skills.

Highlights of the rest of the week included the Fun Run and ALA Fair, the Eco-friendly Festival Design Contest, Living Literature Contest, Pintuan ng Kasaysayan at Kultura Exhibit, Rampa ng Lahi, and the Scholar's Afternoon.

The closing program on November 18 featured the announcement of winners, recognizing the outstanding performances throughout the week.

Unfolding the Wings of Cultural Appreciation: Rampa ng Lahi Winners Show Their Work

Rampa ng Lahi was a part of the week-

long celebration of Humanities Week in Pisay CALABARZON. It was meant to rekindle the fading embers of cultural knowledge and appreciation among science scholars.

When asked why they held the competition, Dr. Grace Precious Larraga said that the purpose of this event is to create a collaboration between the Filipino and Social Science and Values Education units. She further added that it was conducted to tell the scholars what they are studying is not only contained within the tenets of Filipino and culture, but also for them to appreciate our shared identities through celebrating different festivals in the country.

"Let's imagine, magkaroon tayo ng imahinasyon na kabilang tayo sa isang lipunan at bahagi tayo sa pagpapayabong ng ating identidad bilang mga Pilipino. Bilang isang mag-aaral, dapat may gawin ka, [at] kailangan maging kabahagi ka roon sa kamalayan na 'yon." said Dr. Larraga when asked about the purpose of Rampa ng

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eature.

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 TCS\_Pisay

### Unfolding the Wings of Cultural Appreciation: Rampa ng Lahi Winners Show Their Work

ARTICLE BY: Renzo Forneloza | PHOTO C/O: Angela Palconit

Rampa ng Lahi was a part of the week-long celebration of Humanities Week in Pisay CALABARZON. It was meant to rekindle the fading embers of cultural knowledge and appreciation among science scholars.

We don't just write features; we tell stories.

Lahi which is to contextualize the cultural appreciation to scholars.

The competition took place on November 17th and was joined by fortysix contestants from Grades 7 to 12. All candidates were adorned with accessories and colorful costumes that represent different festivals across the Philippines. Out of 46 contestants, Suy Geronimo and Zach Randolf Enriquez from Grade 7 - Ruby emerged as the winner representing the Paruparo Festival of Dasmariñas City.

#### To Set the First Flight

It takes a lot of time before a butterfly sets its first flight, the same way it took Suy and Zach to research about the concept of the festival and portray it with their costumes.

Geronimo and Enriquez thoroughly researched the concept of the festival and the beginnings of the city to fully incorporate them in their costumes. They want to reflect the virtues that made Dasmariñas City one of the most progressive cities in the Philippines — as seen on their mechanical wings. Furthermore, it was a heavy preparation for them since the festival is known for its grandiose and colorful theme.

"I think we just researched on the concept of Paru-paro Festival, and then

we also researched on the background of Dasmariñas City, [and] what went through. So, we tried to portray it also with the costume." Geronimo said when asked about their preparations for Rampa ng Lahi.

In addition, Enriquez also stated that parents from their section were eager to help them regarding the design of their costumes to make them appropriate to the virtues and history of the festival. Even if they are time-constrained, he said that they were able to push through and make it out.

To set a butterfly's first flight, it takes courage and time to bask its wings in the air. But Suy and Zach, were able to push through as they were equipped with research and help from their parents and classmates to make the butterfly's first flight successful.

#### To Spread their Wings

When a butterfly glides mid-air, it flaunts its perfectly formed wings, and everyone appreciate its beauty. This also happened to Suy and Zach as the audience cheered enthusiastically once they walked through the competition with their costumes.

What sets them apart from the rest of the G7 sections representing Paru-paro Festival is their mechanical wings and the lights that surround it. They were wearing gigantic butterfly costumes designed with materials that represent the virtues of the Caviteños. As they slowly walked through the center, scholars, and teachers watching the competition were surprised and cheered for them as the lights blinked and the mechanical wings slowly went up.

For Suy Geronimo, the mechanical wings represented the transformation, change, and progress of Dasmariñas City through the years.

"I think the mechanical wings, it's to show — since it's going up slowly, to show the slow progress of Dasmariñas, Cavite. Because the population really grew and different businesses and institutions emerged since they became a city." Geronimo said when asked about the correlation of their costume to the festival.

With their alluring and eye-catching wings that made the crowd go wild, contestants from Grade 7 - Ruby bagged first place in the competition.

#### To Dream Like a Butterfly

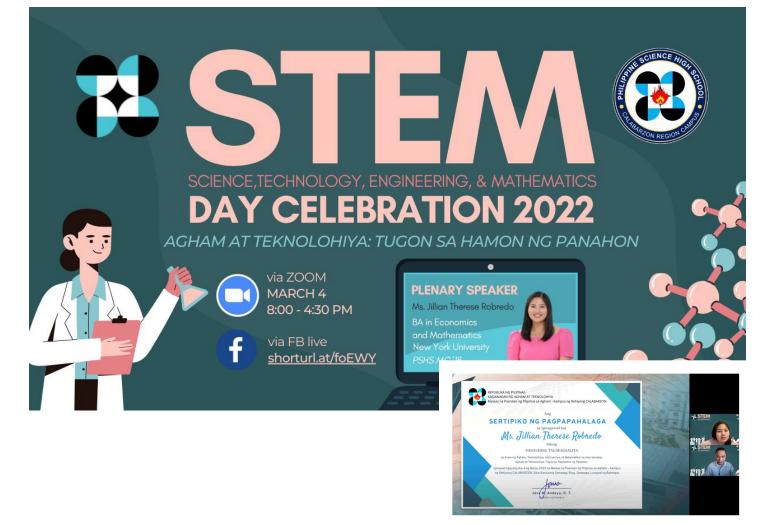
After the success of Rampa ng Lahi, Dr. Grace Precious Larraga and Suy Geronimo shared their dreams for Pisay CALABARZON scholars.

Hiraya, the central theme for this year's Humanities Week, is taken from an ancient Filipino word that means the "fruit of one's hopes, dreams, and aspirations." For Dr. Larraga, this word perfectly fits the situation of cultural appreciation in the Philippines. Her dream for the scholars of Pisay CALABARZON is that once they have graduated, she hopes they will realize that all of the lessons taught to them is not to enclose them in a box far from the context of being a Filipino.

"Gusto ko maka-graduate ang mga magaaral sa Pisay CALABARZON na malay sila na ang kanilang inaaral ay para payabungin ang kultura at kamalayan ng mga Pilipino. There is something knowledge doon." said Dr. Larraga when asked about her dreams for the scholars.

Meanwhile, for Suy Geronimo, her dream is for scholars to appreciate Filipino culture. She said that just like the Paruparo Festival they represented, scholars should transform their views on cultural appropriation. It does not only revolve around ethnicity and indigenous tribes, but it also develops our cultural identity as Filipinos.

Rekindling the spark of cultural appreciation to future scientists of Pisay CALABARZON by means of Rampa ng Lahi is important as they transform and change our society. It makes them realize that without their cultural identity, who they are, and what makes them different from other future scientists.



#### STEM WEEK

## STEM Week features talents of scholars; former VP Leni's daughter gives inspirational message

The annual STEM Day Celebration of the Philippine Science High School (PSHS) CALABARZON Region Campus took place last March 4, 2022. It showcased the talents and abilities of PSHS scholars in the STEM field.

The event used the 2021 National Science & Technology Week's theme "Agham at Teknolohiya: Tugon sa Hamon ng Panahon" and began at exactly 8:00 AM. Ms. Aileen D. Barte and Mr. Michael Jomar Ison served as the masters of the ceremony.

To open the program, Campus Director Dr. Jose M. Andaya delivered the opening remarks. An intermission number from Serenata Stellar and the Marahuyo Dance Club followed, captivating the audience with their performances.

Ms. Hazel H. Abareta then introduced the plenary speaker, proud Pisay alumna Ms. Jillian Therese Robredo. Ms. Robredo shared valuable insights on pursuing STEM education amidst the pandemic. She emphasized the fulfillment that comes with being a part of the STEM community. Ms. Robredo ended her speech with a call to scholars to continue and strive to contribute to their chosen fields.

After the plenary, the program continued with four parallel sessions. Each session showcased various STEM activities. These included the Digital Art Making Contest, Logo Making Contest, PANTAS 2022, E-sports, and PitchTOK. The activities fostered healthy competition among students and allowed them to show their talents and creativity.

The plenary session resumed at 3 PM. Cadenza gave an intermission number. Then the announcement of winners followed.

Curriculum and Instruction Division Chief Mr. Joni M. Albarico delivered the closing remarks. The Pisay CALABARZON community sang the PSHS Hymn to officially end the program.



RECOGNITION

## A Toast to Excellence: A Celebration of PISAY CALABARZON Student Achievement

The Pisay CALABARZON community held its Toast to Excellence: 2022 Virtual Recognition Day last July 15, 2022. The annual event is dedicated to the efforts and achievements of students throughout the academic year.

The Recognition Day was held online and live streamed through the campus' official Facebook page. It was hosted by Mr. Reynier Olivares.

Campus Director Dr. Jose M. Andaya gave the opening remarks to formally start the event. Curriculum and Instruction Division Chief, Mr. Joni M. Albarico introduced the Guest of Honor and Speaker Ms. Mary Rose Judith S. Deal Cruz, Chairperson of the PSHS National Alumni Association.

In her speech, Ms. Dela Cruz shared her experiences as a Pisay students. She reminded scholars to continue to strive for excellence, celebrate it, and lead others to achieve it as well. Ms. Dela Cruz ended her speech by congratulating the achievers.

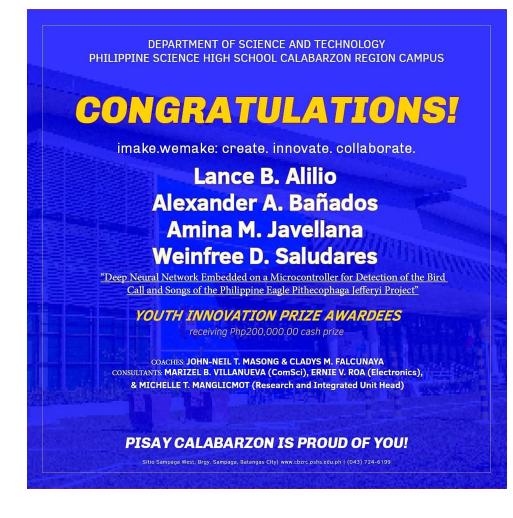
Before the presentation of the awards, the Marahuyo Dance Club performed for the audience.

Recognition was then given to students that garnered winnings and excellence awards during the school year. The categories of the awards are as follows:

Academic Competition Winners for each Grade Level

Outstanding Peer Facilitator Awards Leadership Excellence Awards Director's List Awards

To end the program, Mr. Jorge M. Job shared a closing message, followed by the singing of the PSHS Hymn.



RESEARCH

# Pisay-CALABARZON scholars bag awards in various research events

The students of Philippine Science High School CALABARZON Region Campus also showed their brilliance in national research competitions. The following are the winning scholars:

## 5TH IMAKE WEMAKE - CREATE, INNOVATE, COLLABORATE

<u>YOUTH INNOVATION PRIZE (1ST PLACE) - NATIONAL</u> Bañados, Alexander A. Javellana, Amina M. Saludares, Weinfree D. Alilio, Lance B. Bañados, Alexander A.

YOUNG SCIENTIST AWARD Javellana, Amina M.

#### RESEARCH FAIR 2022 - NATIONAL SCIENCE CONQUEST

CHAMPION (NATIONAL SCIENCE CONQUERORS) / TEAM CHALLENGE TOP SCORER Gabriel Angelo V. Vila Ethan Lestat L. Tiongson John Joseph S. Liwag Liam Audrey A. Alleda

2ND RUNNER-UP Mark Ranielle R. Cueto Miguel Carlo Antonio D. Fuentebella Allysakyle Marie M. Manay Christian B. Concordia

#### BEST IN DIGITAL POSTER

Cheenee Mae Anne A. Cabuslay Christiana Fatima P. Malabanan Iris Nelle B. Dipalac



#### INTERNATIONAL ADMISSION

### 16 Pisay-CALABARZON students get offers to study abroad

Article By: Dhel Nazario; Photo By: Aries N. Oliveros / MANILA BULLETIN (See online version of article here: https://tinyurl.com/48ssr778)

Out of the 85 graduating Grade 12 students of Philippine Science High School - CALABARZON Region Campus in Batangas City, 16 have so far received offers to study in colleges and universities abroad.

In a statement, campus director Dr. Jose Andaya, the PSHS-CALABARZON Region Campus makes activities that will help students realize the importance and benefits of studying in PSHS and consequently making them achievers.

These activities include, but are not limited to inviting well-known professionals in STEM during their career orientations and school programs so that our speakers can inspire our students; exposing students to the world of STEM during their educational field trips, Science Internship Program (SIP), and Service, Creativity, and Leadership Enhancement (SCALE) Programs; hiring highly qualified teachers who can motivate our students to focus on their chosen careers; and collaborating with organizations and laboratories so that our students can use their facilities and online resources for free.

"With these activities, our students become achievers and fulfill their dreams," said Dr. Andaya.

Jamaica Allen D. Garcia received eight study offers with three scholarships from prestigious offering BS Biology.

With the second most number of college admission, Yosef Christian M. Cuenca received six admission offers with scholarship grants from prestigious schools in the United States on computer science and information systems-related courses.

Two students qualified in five universities. Interested in life sciences, Bernice M. Villa Del Rey got five college study offers.

Inclined to pursue a pre-medicine course, Christiana Fatima P. Malabanan qualified for admission in various medical courses.

Other students who received opportunities to study abroad are:

Alexander A. Bañados - BS Aerospace Engineering, Missouri University of Science and Technology, USA; BS Aeronautical Science (with scholarship), Florida Institute of Technology, USA

Mark Bernard Angelo R. Villena -Bachelor of Science, University of British Columbia, Canada

Arnel Mari B. Ariate - BS Applied Physics, Purdue University, USA

Mel Czarina P. Caballes - BS Automotive Engineering, Indiana State University, USA; BS Aerospace Engineering, Missouri University of Science and Technology, USA; BS Biomedical Sciences (Presidential Scholarship), Xavier University, USA

Mark Ranielle R. Cueto - BS Chemistry (Integrated Science Program), Hokkaido University, Japan

Annika Marie P. Domondon - BS Biology (with Leadership Award and Jesuit Heritage Award), Xavier University, Ohio, USA; Bachelor of Applied Science, University of British Columbia, Canada

Jesus Gwyneth Francesca Belial C. Ferrer - BS Biology (with Dean's Scholarship), the Xavier University, Ohio, USA

Miguel Carlo Antonio D. Fuentebella -BASc Biomedical Engineering, University of British Columbia, Canada

Anmina M. Javellana - BS Physics,

Purdue University, USA; Aerospace Science and Engineering, University of California - Davis, USA; Aerospace Engineering / Astronautics (with New American University Scholarship), Arizona State University, USA

John Joseph S. Liwag - BS Chemistry (with Provost Grant), Hofsfra University, New York, USA

Angel A. Lopez - BS Aerospace Engineering, University of Minnesota Twin Cities, USA

Allysakyle Marie M. Manay - BS Chemistry (with Founder's Scholarship), University of Denver, USA; BS Chemistry, Drexel University, USA

According to PSHS, last year, only two students got admission offers with scholarships from schools in the United States and Singapore.

"For six years you have worked hard to attain your dreams, and now you have successfully finished the science curriculum of the PSHS System. We are very proud of your accomplishments and of the outstanding leadership, you have provided your school," Andaya said.

"I hope you will carry the core values you have learned in Pisay wherever you go. Whatever you do, stay focused and keep working towards the promise of a brighter tomorrow. Kudos to all of you, future professionals and leaders in science and technology! May all your dreams come true," he added.

PSHS-CALABARZON Region Campus will be having its on-site commencement exercise for its second batch of students at the PSHSCALABARZONRC Multi-Purpose Gymnasium on June 8.

# Co-/Extra-Curricular





CALABARZONRC before the pandemic, a group of Grade 10 students studying for a Physics long test ignited the passion of a scholar to bring science closer to the people-and now, they are recognized for it.

We don't just write features; we tell stories

PATRIOTISM

### Mga Bagong Rizal: Lighting Up the Path for the Gifted

As the usual classroom shenanigans ensue in PSHS CALABARZONRC before the pandemic, a group of Grade 10 students studying for a Physics long test ignited the passion of a scholar to bring science closer to the people-and now, they are recognized for it.

Ranielle Cueto, now a Grade 12 scholar from PSHS CALABARZONRC, is one of the chosen 'Mga Bagong Rizal' Awardees among all the nominees from elementary to college students and even from out-of-school youths and ALS. The search for 'Makabagong Rizal Awardees' is spearheaded by the Philippine Center for Gifted Education, Inc. (PGCE), which advocates for equitable access to programs and services in gifted education by identifying and nurturing the potentially gifted individuals (Department of Education, 2021). The main goal of this search is to guide them on how they could utilize their talents and multiple intelligence in helping others and empowering the community.

"I'm kind of restless with things that I 38 PSHS-CALABARZON REGION CAMPUS

am passionate about," Mr. Cueto told The Calabarzon Scholar. The CALABARZONRC community was the first one to witness the proactive involvement of Mr. Cueto when it comes to representing the school in competitions and his involvement in different organizations connected to the sciences.

"There may be a difference in motivations but I feel like my willingness to pursue what I want in connection to helping others along the way is not far off from an aspect of Jose Rizal," Mr. Cueto added when asked about what trait or virtue of himself can be considered as a reflection of Dr. Jose Rizal.

#### **IGNITING THE TORCH**

Before everything became what, it was today, someone helped fan the flames of Mr. Cueto's burning desire to help others as he pursue things he is passionate about.

The campus quidance counselor Benita "Bennie" Laurena was the one who nominated Mr. Cueto for the MBR Award. According to Mr. Cueto, he was contacted by Ma'am Bennie before the school year began, which became the starting point of his involvement with the 'Mga Bagong Rizal: Pag-asa ng Bayan' search. He then submitted documents to be included in the search. After that, he became a part of the PCGE leadership and mentoring program held last October 15-17, 2021. The event was a part of the screening process, structured as a seminar and a workshop where they actively participate and were given assignments and activities. The end of the event includes their major output which is a project proposal addressing a personal definition of empowerment where hetalked about bringing the appeal of science to a broader audience.

"It was actually a bit intimidating for me because I was meeting people of different ages with very different backgrounds and perspectives." Mr. Cueto shared.

While he was talking about math and science, others would be talking about music, volunteer work, and student government. Still, being able to share his passion and hearing different perspectives from others was an insightful and fun experience for Mr. Cueto.

#### THE SHADOW BEHIND THE LIGHT

However, the light would always cast a shadow, and as the light shone brighterthe shadow gets darker.

Ever since that eye-opening experience he had in grade 10, he's set on a goal to excel with others instead of only excelling on his own. Mr. Cueto said that there's satisfaction in the exchange of "aha's" and "gets" in an atmosphere where people around him are understanding a shared concept. As someone who appreciated face-to-face interactions, the limitations imposed by the pandemic make it difficult for him to continue his advocacy.

There's a huge difference between onsite and online operations. According to him, the motivations he got from faceto-face engagement and encounters are incomparable to what he feels just staring at the screen. Moreover, as a graduating student with a lot on his plate, it is difficult for him to find time and sustain the motivation to do so whilst faced with the pandemic. Despite that, he realigned those motivations with those available onlinenot allowing his light to dim even once.

"I aspire to cultivate an atmosphere with that kind of sensation again in the future," Mr. Cueto said pertaining to the fulfilling feeling he had during one of their group study session. He hopes that he would be given more opportunities to do an outreach activity when the pandemic is less of an issue.

#### **ILLUMINATING OTHERS' PATHS**

Despite the shadows, he kept his fire burning and now—it's his turn to light up the path of others.

Mr. Cueto acknowledged that other people want to have a significant

contribution in science communication but just have not acknowledged it and have not been given the chance to do so. Many factors may hinder someone from achieving a goal of such great scale. Still, Mr. Cueto encouraged everyone to acknowledge their capabilities instead of viewing their limitations first. He reminded everyone to assess the motivations they have for what they want to promote. Once they affirmed their convictions, they're already accomplishing something great, before they even know it. With this, he also mentioned that he would keep personal channels of communication open for people who want to have a conversation about anything related to passions within science.

"If you feel an urge to do something, that's all you need to be affirmed that you can do something about it." He also added that no matter what the scale is, everyone can always do something for the things they're passionate about.

### TORCHBEARER FOR SCIENCE AND MATHEMATICS

As he continues to spread his light to others, the future of science and mathematics in our country is brighter than ever—blazing despite the limitations brought by the pandemic.

Mr. Cueto has been very active in a wide variety of matters and he plans to be consistent with the roles that he's taken up so far in this school year. This includes his active participation in science-related organizations and fulfilling his commitments to further promote his vision of science communication.

Thus, during his segment at the conference, he talked about talents, gifts, and empowerment.

The conference gave him the chance to reassess and reflect on the things he values across his high school years. His tendency of being vocal about things and sharing new knowledge with others greatly influenced his advocacy to bring science closer to people and his light to reach a wider audience. He also emphasizes the process he took to acknowledge that effective science communication was his ultimate goal as he moves forward in his life.

"I plan to reach even further with more outreaching endeavors like talks, seminars, or some developed project. These are of course in addition to the studies that I plan to take up, still with the motivation of science communication in mind," Mr. Cueto reiterated. Thus, the little interactions he had when talking about requirements, tutoring about a specific topic, or writing about new technology are just the starting point of an even greater goal.

The Mga Bagong Rizal search's goal is to develop the students holistically and foster in them the mindset of service to the nation to ensure a brighter future for the Philippines. As they light up the path of the gifted—these gifted individuals then became the torchbearers that illuminate the path for others to follow. thecalabarzonscholar. DREWS.
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### TCS staff haul 11 awards in firstever virtual DSPC

ARTICLE BY: Emil Llagas | PHOTO C/O: DSPC 2022

The CALABARZON Scholar staff bagged 11 awards in the three-day 2021 Division Schools Press Conference, the event's first online outing.

We don't just inform; we educate.

#### JOURNALISM

### TCS staff haul 11 awards in first virtual DSPC

#### The CALABARZON Scholar staff bagged 11 awards in the three-day 2021 Division Schools Press Conference, the event's first online outing.

Pisay dominated Feature Writing as Alyssa Seanne Plata and Edabuen Darielle Untalan both notched the first places in English and Filipino categories, respectively.

Meanwhile, Maria Laurize Magada, Mark Ranielle Cueto, and John Denver Bechayda all won 2nd place in News Writing English, Editorial Writing English, and Science Writing Filipino, respectively.

Pierre Alexis Pagsinohin landed 4th in Sports Writing English while Aliyah Mariam Latip also secured 4th in Editorial Cartooning English. Karl Austin Ondo garnered seventh place in News Writing Filipino as well as Angel Lopez in Sports Writing Filipino. Gyen Zenith Montevirgen also got 9th place in Editorial Cartooning Filipino and John Regulus Michael Dipasupil grabbed 10th place in Science Writing English.

Participants who finished in the top three will advance to the Regional Schools Press Conference which will also be held online.



#### ALUMNI

### Pisay-CALABARZON alumni shine in Science Research Convention 2022

Four Philippine Science CALABARZON Region Campus (PSHS-CALABARZONRC) research alumni groups presented their promising research studies during the 5th edition of the system-wide Science Research Convention held last November 23, 2022 through Zoom.

With the theme, Agham at Teknolohiya: Kabalikat sa Maunlad at Matatag na Kinabukasan, PSHSS invited plenary speakers and system alumni to share insights about research skills and the state of Science and Technology in the country.

Moreover, Dr. Solidum, the Department of Science and Technology (DOST) Secretary, emphasized the importance of research skills and critical thinking during his opening message for the convention.

To represent the CALABARZON Region campus, the noteworthy research studies of Batch 2022 PSHS CALABARZONRC alumni were presented last November 26, 2022, the convention's final day. Liam Audrey A. Alleda, together with Kimbert C. Apolito and Dwayne Ira C. Larado presented their research study entitled Comparative Transcriptome and Network Analysis of Various Molecular Pathways of Colorectal Cancer.

Moving on to environmental science, Arnel Mari B. Ariate and John Regulus Michael A. Dipasupil showcased their research named SSPAM, a LED-based Scanning Sun Photometer used for Aerosol Monitoring, a device used to record the levels of air purity in urban areas.

Meanwhile, Alexander A. Ba⊠ados, Amina M. Javellana, and Weinfree S. Saludares, focused their aims on Philippine Eagle Conservation, thus, developing the Philippine Eagle (Pithecophaga jefferyi) Bird Call Recognition using Deep Learning.

Furthermore, to conserve the endangered tawilis, a freshwater sardine endemic to the Philippines, Yosef Christian M. Cuenca, Pearl Gabrielle G. Budiongan and Jamaica Allen D. Garcia coined a research study entitled The Development of a Stock Management and Reporting System for Taal Lake Fisheries and Sardinella tawilis Conservation (SMARt Taal System).

Along with the PSHS-CALABARZONRC presenters, several Pisay campuses, such as Cagayan Valley Region Campus, SOCCSKSARGEN Region Campus, Western Visayas Campus and the Main Campus also shared and showcased their award-winning research studies.

The system spearheaded the convention to encourage the younger Pisay scholars to enrich their critical and research skills to answer questions requiring scientific data, as said by Habacon during her welcome remarks.



YOUTH INVOLVEMENT

### Magnaye bags best position paper awards at Philippine Model United Nations Youth Summit III

Pisay CALABARZON MUN delegate, Zabdiel Magnaye II, received the best position paper award for representing the Kingdom of Spain in the United Nations Environment Programme (UNEP) at the PSHS Model United Nations Youth Summit III (PMUNYS III), held at Baguio City last November 28 to December 2, 2022.

Magnaye, as a delegate of Spain, proposed solutions in his position paper for water scarcity, "with the goal to protect and restore water-related ecosystems, and to advance Integrated Water Resources Management (IWRM)."

"The position paper proposed solutions for the water scarcity that has been besetting the Kingdom of Spain, mainly caused by water withdrawal and droughts. The solutions include reimposing previous water reuse legislations, forming policies on the regulation of use of groundwater, and lastly, drought planning," Magnaye elaborated.

The MUN delegates' coach, Miss Nneka Evangelista, pointed out that the solutions were innovative, detailed, and meticulously researched.

"Natuwa kami kasi grabeng hard work at pagod ang in-exert, hindi lang kay [Magnaye], kundi sa lahat ng papers ng CALABARZON," Evangelista added. "Yung sa CALABARZON, halata na hindi pa ganoon ka-exposed pero pinantayan nila yung mga exposed na. Nag-try talaga sila na makipagsabayan doon sa mga exposed at may experience na."

Moreover, Magnaye expressed his joy and surprise for bagging the best position paper.

"Winning in the competition made me feel shocked and happy at the same time. I didn't expect my paper to win since there were so many delegates who also had really great papers, so it truly is an honor to be a part of the best position papers in the committee. Moreover, it's also nice to know that our hard work has paid off," Magnaye said.

Furthermore, Evangelista was ecstatic and grateful for the unexpected winning position paper.

"Masaya ako at hindi ko in-expect kasi nga, even doon sa performance nung mga students, sobrang competitive sila and magagaling lahat so parang slim ang chance mong manalo kasi andami e," Evangelista stated.

# **Performance in Competitions**

#### JANUARY

#### 2nd Copernicus Olympiad Global Round (Physics & Astronomy) January 7-9

Award/s: Gadriel Symone R. Dalangin, Janna Mikaela C. Bendo, & Jyuan Miguel C. Bendo, *Silver*; & Percival Macaranas IV, *Bronze*.

#### World International

Mathematical Olympiad January 8-9

Award/s: Vienne Stephanie Delos Santos, Reuben Joseph R. Felix, Bronze.

#### 11th ASEAN+3 Student Camp for the Gifted in Science January 8-9, 14-16

Award/s: Andria Marie U. Afable, Geomad Paolo B. Galang, Vince Christian B. Panganiban, Jarred Daniel N. Urrea, *Gold*.

#### South East Asian Mathematical Olympiad (SEAMO) X 2022 January 15

Award/s: Dale Laurence Dantes, Arielle Victoria L. Encarnacion, Merit.

#### American Mathematics Competitions January 18-24

Award/s: Reuben Joseph R. Felix 2nd Place.

#### Research Fair January 22-28

Award/s: Yosef Cuenca, Pearl Budiongan, Jamaica Garcia, Runner Up / Second for Applied Science Category.

#### Research Fair 2022 - National Science Conquest January 27-29

Award/s: Gabriel Angelo V. Vila, Ethan Lestat L. Tiongson, John Joseph S. Liwag, Liam Audrey A. Alleda, Mark, *Champion (National Science Conquerors) / Team Challenge Top Scorer;* Mark Ranielle R. Cueto, Miguel Carlo Antonio D. Fuentebella, Allysakyle Marie M. Manay, Christian B. Concordia, *2nd Runner Up.* 

#### Research Fair 2022 - Youth Science Convention

January 29

Award/s: Cheenee Mae Anne A. Cabuslay, Christiana Fatima P. Malabanan, Iris Nelle B. Dipalac, *Best in Digital Poster.* 

#### 2nd Copernicus Olympiad Global Round (Physics & Astronomy) January 7-9

Award/s: Gadriel Symone R. Dalangin, Janna Mikaela C. Bendo, & Jyuan Miguel C. Bendo, *Silver*, & Percival Macaranas IV, *Bronze*.

#### FEBRUAR

#### The Aurum Online Press Conference February 2

Award/s: John Regulus Michael Dipasupil, 1st Place, Science News Writing; Gillienne Nicole Urrea, 1st Place, Science Feature Writing; Edabuen Darielle A. Untalan, 2nd Place, Science Feature Writing Filipino; Alyssa Seanne M. Plata, 3rd Place, Science Feature Writing; Maria Laurize Magada, 4th Place, Science News Writing; Rey Matthew M. Lat, 4th Place, Science Editorial Writing Filipino.

### Regional Chemistry Olympiad 2022

February 5

Award/s: Mark Ranielle R. Cueto, 1st Place, PNCO Qualifier, John Joseph S. Liwag, Bronze; James Paul R. Tisalona, 3rd Place, PNCO Qualifier.

#### Regional Chemistry Olympiad 2022 - Feature Writing Contest February 5

Award/s: Yeshua Gabrielle Aspera, 1st Place; & Jesusa Gwyneth Francesca Belial Ferrer IV, 2nd Place.

#### Bebras Challenge Philippines February 6

Award/s: Gadriel Symone Dalangin, Gold Awardee.

#### 9th Mathematics Without Borders - Winter Round

January 24 - February 6

Award/s: Reuben Joseph R. Felix, Gold; Vienne Stephanie Delos Santos, Norton Fumera II, Juan Rafael Landicho, Silver; Luke Alabro, Gillienne Nicole Urrea, Bronze.

#### Pascal, Cayley, and Fermat (PCF) Contests 2022 February 23

Award/s: Gadriel Symone R. Dalangin, *Distinction*.

#### 2022 PISIKAalaman Quiz Contest

February 26

Award/s: Gabriel Angelo V. Vila, Celine Lourdez S. Rosales, Vince Andrei Torres, 2nd Runner-Up.

#### 2022 PISIKAalaman Quiz Contest

February 26

Award/s: Gabriel Angelo V. Vila, Celine Lourdez S. Rosales, Vince Andrei Torres, 2nd Runner-Up.

#### MARCH

#### Singapore Math Global Finals 2022 March 6

Award/s: Vienne Stephanie Delos Santos, Reuben Joseph R. Felix, Mikaela Ysabel H. Valdez, *Gold; Grenier Sander R. Dalangin, Bronze.* 

#### Philippine National Chemistry Olympiad 2022 March 12

Award/s: Mark Ranielle R. Cueto, John Joseph S. Liwag, *Silver Award*.

#### Philippine Biology Olympiad 2022: TANAW March 13

Award/s: Liam Audrey A. Alleda, 3rd Runner-Up, Qualifier IBO PH Delegation.

#### International Kangaroo Mathematics Competition 2022 March 19

Award/s: Vienne Stephanie Delos Santos, Norton Fumera II, John Ivan Floirendo, Audrey Marielle Bergantiños, Aiden Jomeil Bercilla, Kevin Gabriel Mercado, *Silver*; Princess Ericka Marasigan, *Bronze*.

#### Chein Reaction 2022 - 1st Trivia Quiz Bowl March 19

Award/s: Juan Rafael Landicho, 1st Place; Vince Christian Panganiban, 2nd Place.

#### Philippine Online Physics Olympiad

Feb 9, 16, 23 & March 19

Award/s: Gabriel Angelo Vila, Mark Ranielle Cueto, Allysakyle Marie Manay, *Gold*; Angel Lopez, Mel Czarina Caballes, Shon Lendl Rañeses, Andre Dawe, Lorenz Christen Gonzaga, Arille Victoria Encarnacion, *Bronze*.

#### Guangdong-Hong Kong-Macao Greater Bay, Big Bay Bei (BBB) 2022 Final Round March 20

Award/s: Vienne Stephanie Delos Santos, *Gold*; Princess Ericka Marasigan, *Bronze*.

### **SUMMARY**

#### INTERNATIONAL AWARDS



GOLD/CHAMPION/1ST PLACE/BEST

20

#### SILVER/1ST RUNNER-UP/2ND PLACE

28

BRONZE/2ND RUNNER UP/3RD PLACE

20

### LOCAL AWARDS



#### GOLD/CHAMPION/1ST PLACE/BEST

24

SILVER/1ST RUNNER-UP/2ND PLACE



BRONZE/2ND RUNNER UP/3RD PLACE

#### Science Investigatory Project (Life Sciences SHS) March 20

Award/s: Liam Audrey A. Alleda, Kimbert Apolito, Dwaine Ira Laraño, 1st Place.

Chein Reaction 2022 - 7th

#### Chein Reaction 2022 - 7th Science Investigatory Project (Applied Sciences SHS) March 20

Award/s: Arnel Mari Ariate, John Regulus Michael Dipasupil, 1st Place.

#### Chein Reaction 2022 -4th Chexpertise March 20

Award/s: Cheenee Mae Anne A. Cabuslay, Karil Andrei T. Cueto, Harvae C. dela Cruz, Rafaelito Antonio R. Ite. 1st Place.

#### Eratosthenes Experiment and Photo Contest 2022 March 21

Award/s: Iza VIktoria Artates, Mel Czarina Caballes, Christian Daniel Valeriano Alexander Bañados, Ivan Estrada, Angel Lopez, Kim Rembrant Malaluan, Allysakyle Marie Manay Rein Allen Cubacub, Ezekiel Leal, *1st Place.* 

#### APRIL

#### Thailand International Mathematical Olympiad (TIMO) 2022 Final Round April 2

Award/s: Vienne Stephanie Delos Santos, Gadriel Symone R. Dalangin, *Gold*; Gillienne Nicole Urrea, Dale Laurence Dantes, *Silver*; Princess Ericka Marasigan, *Bronze*.

#### PATALASANLAHI 2022 Pagsulat ng Sanaysay

April 2-4

**Award/s**: Caryl Angela C. Opulencia, *4th Place*.

#### BrainMEsh Inter-High School (BMH) 2022 April 2 & 8

Award/s: Mark Ranielle Cueto, Mikaela Ysabel Valdez, Gabriel Angelo Vila, 1st Runner Up; Gabriel Angelo Vila, Ethan Lestat L. Tiongson, Top Scorers.

#### Philippine Physics Olympiad (Qualifying Round) April 9

Award/s: Gabriel Angelo Vila, National Finalist.

#### Philippine International Mathematical Olympiad (PhIMO) 2022 Heat Round April 9-10

Award/s: Vienne Stephanie Delos Santos. Dale Laurence Dantes. Norton Fumera II, Gillienne Nicole Urrea, Reuben Joseph Felix, Gadriel Symone Dalangin, Mark Ranielle Cueto, Allysakyle Marie Manay, Gold; Vinz PJ Rayos, Audrik Jacob, John Ivan Floirendo, Nicole Kimberly Dimapilis, Grenier Sander Dalangin, Jyuan Miguel Bendo, Arielle Victoria Encarnacion, Andre Dawe, Ethan Lestat L. Tiongson, Christian B. Concordia, Silver; Adrian Joren Lantin, Alexa Amaya Dimapilis, Aiden Jomeil Bercilla, Princess Ericka Marasigan, Percival Macaranas IV, Bronze

#### Challenge for Future Mathematicians 2022 April 13

Award/s: Norton Fumera II, *Gold;* Vienne Stephanie Delos Santos, Vinz PJ Rayos, Kevin Gabriel Mercado, John Ivan Floirendo, *Silver;* Kyrus Noah Guinto, *Bronze.* 

#### Purple Comet! Math Meet Spring 2022 April 5-14

Award/s: Vienne Stephanie Delos Santos, Charmel Panaligan, Audrey Marielle Bergantiños Aiden Jomeil Bercilla, Sky N. Cartaño, *3rd Place*  ANNUAL REPORT 2022 [CO-/EXTRA-CURRICULAR]

#### Word Star Mathematics Olympiad Challenge (WSMOC) 2022 April 15

Award/s: Vienne Stephanie Delos Santos, Gadriel Symone R. Dalangin, *Gold;* Reuben Joseph R. Felix, *Silver;* Norton Fumera II, John Ivan Floirendo, *Bronze*.

#### Singapore & Asian Schools Mathematics Olympiad (SASMO) 2022 April 17

Award/s: Vinz PJ Rayos, *Silver;* Vienne Stephanie Delos Santos, Gadriel Symone R. Dalangin, Arielle Victoria L. Encarnacion, *Bronze;* Dale Laurence Dantes, *Honorable Mention.* 

#### PSHS Model United Nations Youth Summit (PMUNYS) 2022 April 20-22

Award/s: Aspera, Yeshua Gabrielle C., Honorable Mention, Best Delegate Honorable Mention, Best Presenter Best Position Paper Sponsor, Best Committee Resolution; Lucas, Margaret Kara D., Honorable Mention, Best Delegate Honorable Mention, Best Presenter Best Position Paper Sponsor, Best Committee Resolution; Cruz, Jose Gabriel A., Honorable Mention, Best Presenter Best Position Paper ; Zapata, Anjirehl Ernest Godfrei., Honorable Mention, Best Presenter Best Position Paper Sponsor, Best Committee Resolution; Rañeses, Shon Lendl S., Valdez, Mikaela Ysabel H., Sponsor, Best Committee Resolution.

#### Hong Kong International Computing Olympiad 2022 -Heat Round Philippines April 23

Award/s: John Ivan B. Floirendo, Gold.

#### **19th Word Cup Philippines** March 26-27 & April 23

Award/s: Gilliene Nicole C. Urrea, 1st Place, Science Writing English; Luis Keith L. Fernandez, 1st Place, Sports Writing English; John Denver V. Bechayda, 1st Place, Science Writing (Lathalaing Agham); John Regulus Michael Dipasupil, 2nd Place, Science Feature Writing – English; Maria Laurize Magada, 2nd Place, News Writing English; Aron Noel M. Hernandez, 2nd Place, News Writing English; Emil Jan I. Llagas, 2nd Place, News Writing Filipino; Shon Lendl Rañeses, 2nd Place, Science News-Feature Writing English; Karl Austin Y. Ondo, 2nd Place, News Writing Filipino; Pierre Alexiss M. Pagsinohin, 3rd Place. Sports Writing English: Jacob Keane C. Lontoc, 3rd Place, Science Analysis/Opinion Writing English; Edabuen Darielle A. Untalan, 3rd Place, Feature Writing Filipino. Mary Angeli Josette Q. Mendoza, Honorable Mention, Editorial Writing English. Jose Gabriel A. Cruz. Honorable Mention, Sports Writing English.

#### YIPA Treks IP: IP Life Cycle Video Competition April 28

Award/s: Vince Miguel Arrojado, Adeline Beatrice Borlaza, Karil Andrei Cueto, Rafaelito Antonio Ite, Cheenee Mae Ann Cabuslay,*First Place.* 

#### Philippine Physics Olympiad (Final Round) April 30

Award/s: Gabriel Angelo Vila, Honorable Mention.

#### MAY

#### Liknayan 2022 Extemporaneous Speech Contest May 8

Award/s: John Regulus Michael Dipasupil, Second Place.

#### Caribou Mathematics Competition 2022

May 11-12

Award/s: Reuben Joseph R. Felix, *Top Scorer;* Jyuan Miguel C. Bendo, *Top 2%*.

#### Hong Kong International Mathematical Olympiad (HKIMO) 2022 Heat Round May 29

Award/s: Vienne Stephanie Delos Santos, Norton Fumera II, Arielle Victoria Encarnacion, *Gold*; Dale Laurence Dantes, Vinz PJ Rayos, Aiden Jomeil Bercilla, Princess Ericka Marasigan, *Silver*; John Ivan

### OTHER AWARDS

#### **INTERNATIONAL**

Merit - 4

#### <u>LOCAL</u>

Third Runner Up - 1 Honorable Mention - 1 Participation - 1 Merit - 1

Floirendo, *Bronze;* Grenier Sander Dalangin, *Merit.* 

#### JUNE

#### World Math Invitational (WMI) Tournament 2022 Preliminary Round June 18

Award/s: Norton Fumera II, Gold; Aldrich Johan Kimwell, Silver; Grenier Sander R. Dalangin, Mikaela Ysabel H. Valdez, Bronze.

#### 11th International Mathematics and Assessments for Schools (IMAS) - Heat Round June 22

Award/s: Dalangin, Gadriel Symone Reyes, Encarnacion, Arielle Victoria Lauresta, *High Distinction*; Floirendo, John Ivan Barillo, Guinto, Kyrus Noah Carandang, Mercado, Kevin Gabriel Tegon, *Credit*.

#### Hong Kong International Computing Olympiad (Final Round) June 25

**Award/s**: John Ivan Floirendo, *Silver (Python - S2 SS)*.

#### JULY

#### 2022 Math Without Borders (Final Round) July 2

Award/s: Vienne Stephanie Delos Santos, *Gold*; Vinz PJ Rayos, *Bronze.* 

#### World Math Invitational (WMI) Tournament 2022 Final Round July 2

Award/s: Vienne Stephanie Delos Santos, Gadriel Symone R. Dalangin, *Silver*, Vinz PJ Rayos, *Bronze.* 

#### World Math Invitational (WMI) Tournament 2022 Final Round July 2

Award/s: Vienne Stephanie Delos Santos, *Gold (Math Master Mind* - *Middle Division), Silver (Mind* Sports - Middle Division), & Bronze Math Olympiad.

#### AUGUST

#### 5th iMake WeMake - Create, Innovate, Collaborate Feb 21- Aug. 25

Award/s: Bañados, Alexander A. , Javellana, Amina M. Saludares, Weinfree D., Alilio, Lance B., Youth Innovation Prize (1st Place) – National; Bañados, Alexander A., Javellana, Amina M., Young Scientist Award.

Hong Kong International Mathematical Olympiad - Final Round August 28

Award/s: Vienne Stephanie Delos Santos, Vinz PJ Rayos, *High Distinction*; Princess Ericka Marasigan, *Bronze.* 

#### **EPTEMBER**

#### Singapore Math Competition (SMC) 2022 September 3

Award/s: Vienne Stephanie Delos Santos, Reuben Joseph R. Felix, Gadriel Symone R. Dalangin, *Gold*; Vinz PJ Rayos, *Bronze*; Grenier Sander R. Dalangin, *Honorable Mention*.

#### Asian Science & Mathematics Olympiad for Primary and Secondary Schools (ASMOPSS) 2022 Qualifying Round

Sept. 24-25

Award/s: Vinz PJ Rayos, Silver (Secondary Math); Reuben Joseph R. Felix, Silver (Secondary Science); Sofia Uri Ysabelle Geronimo, Bronze (Primary Science).

#### Philippine International Math Olympiad (PhIMO) 2022 -Final Round September 25

Award/s: Norton Q. Fumera II, Gold (Secondary 1); Gillienne Nicole C. Urrea, Audrik Jacob, Silver (Secondary 1); Adrian Joren T. Lantin, Bronze (Junior Secondary).

#### Philippine International Math Olympiad (PhIMO) 2022 -Final Round September 25

Award/s: Norton Q. Fumera II, Gold (Secondary 1); Gillienne Nicole C. Urrea, Audrik Jacob, Silver (Secondary 1); Adrian Joren T. Lantin, Bronze (Junior Secondary).

#### OCTOBER

International Youth Math Challenge (IYMC) 2022 October 11-12

Award/s: Arielle Victoria L.

Encarnacion, Junior Division-Champion (Team Category); Gadriel Symone R. Dalangin, Junior Division- Bronze (Individual Category) - 1st Runner - Up (Team Category; Alexa Amaya Dimapilis, Senior Division- Bronze (Team Category).

#### 2nd Global Online Science Camp

Aug. 27- Oct. 15

Award/s: Arielle Victoria Encarnacion, Maria Bernadette Landicho, Jacob Keane Lontoc Reuben Joseph Felix, Gilliene Nicole Urrea, *Silver*.

#### American Math Olympiad (AMO) 2022

October 22

Award/s: Norton Fumera II, Reuben Joseph R. Felix, Gadriel Symone R. Dalangin, *Gold*; Harry Gerard Perez, John Ivan Floirendo, Mikaela Ysabel H. Valdez, *Silver*; Grenier Sander R. Dalangin, *Bronze.* 

#### National Mathematical Challenge (MATHEMATCH 2022) October 22

Award/s: Reuben Joseph R. Felix, 2nd Place. Thailand International Mathematical Olympiad (TIMO) 2022-2023 Heat Round

October 23

Award/s: Zach Randolf Enriquez, Harry Gerard Perez, Norton Fumera II, Vienne Stephanie Delos Santos, Jyuan Miguel Bendo, Mikaela Ysabel Valdez Gadriel Symone R. Dalangin, Gold; Kiersten Reese Bernice Solidarios, Vinz PJ Rayos, Dale Laurence Dantes Gillienne Nicole Urrea, Audrik Jacob, D' Rafaelle Sofia Cueto. John Ivan Floirendo, Princess Ericka Marasigan, Aiden Jomeil Bercilla, Arielle Victoria Encarnacion, Alexa Amaya Dimapilis, Ethan Lestat Tiongson, Silver; Nicole Kimberly Dimapilis, Grenier Sander R. Dalangin, Percival Macaranas IV, Adrian Joren Lantin, Andre Gerald Dawe, Bronze.

Mathematics Without Borders - Autumn Round 2022 October 29 Award/s: Vienne Stephanie Delos Santos, *Gold*; Vinz PJ Rayos, Reuben Joseph R. Felix, Mikaela Ysabel H. Valdez, Harry Gerard Perez, *Silver*, D' Rafaelle Sofia Cueto, *Bronze*.

#### Mathematics Without Borders - Autumn Round 2022 October 29

Award/s: Vienne Stephanie Delos Santos, *Gold*; Vinz PJ Rayos, Reuben Joseph R. Felix, Mikaela Ysabel H. Valdez, Harry Gerard Perez, *Silver*; D' Rafaelle Sofia Cueto, *Bronze*.

#### **NOVEMBER**

Future Intelligence Students Olympiad (FISO) 2022 November 20

Award/s: Kiersten Reese Bernice Solidarios, *Silver*.

#### 19th National Youth Congress November 20

Award/s: Anjirehl Ernest Godfrei C. Zapata, *Champion*; Aliyah Mariam L. Latip, *1st Place*; Edabuen Darielle A. Untalan, *1st Runner Up*; PSHS CALABARZON RC, *Overall 1st Runner up*.

#### TATALABS Ka Ba?: A Pest-ion to Weed On (Quiz Contest November 26

**Award/s**: Yeshua Gabrielle Aspera, Yzarich Galido, Samuel Jonathan Sianghio, *2nd Place*.

#### **19th National Youth Congress** November 26

Award/s: Reuben Joseph R. Felix, Gold; Kevin Gabriel Mercado, Kiersten Reese Bernice Solidarios, Silver; Sofia Uri Ysabelle Geronimo, Bronze.

#### 2022 HOTS Science

November 27

Award/s: Sofia Uri Ysabelle Geronimo, *Bronze*.

#### Hong Kong International Science Olympiad (HKISO) 2022-2023 Heat Round November 29

Award/s: Harry Gerard Perez, Dale Laurence Dantes, Gillienne Nicole Urrea, Ethan Lestat Tiongson, *Gold*; Grenier Sander Dalangin, Jhai Mari Reyes, Bryan Gabriel Dela Luna, *Silver*; Leon Ruben Zalameda, *Bronze*; Gadriel Symone Dalangin, *Merit*.

#### Online Karibok ang Tuktok 2022

November 28

Award/s: Aliyah Mariam Latip, Champion, Poster Making Contest; Caryl Angela C. Opulencia, Pagsulat ng Sanaysay.

#### DECEMBER

PSHS Model United Nations Youth Summit December 1

Award/s: Zabdiel Austin O. Magnaye, *Best Position Paper* (UNEP).

#### Guangdong - Hong Kong - Macao Greater Bay Area (Big Bay Bei) International Mathematical Olympiad (BBB) 2022-2023 Heat Round December 4

Award/s: Mikaela Ysabel Valdez, 1st Prize; Zach Randolf Enriquez, Kiersten Reese Bernice Solidarios, Aidan Gilles Rosita, Luke Alabro, Dale Laurence Dantes, Gadriel Symone Dalangin, 2nd Prize; Leon Ruben Zalameda, Grenier Sander Dalangin, Felize Yvanah Diez Jhai Mari Reyes, Princess Ericka Marasigan, Percival Macaranas IV, Adrian Joren Lantin, 3rd Prize.

#### Leibniz International Math Olympiad Challenge (LIMOC) December 10

**Award/s**: Arielle Victoria L. Encarnacion, *Bronze*.

#### Online Karibok ang Tuktok 2022

Nov. 26 & Dec. 23

Award/s: Ethan L. Tiongson, Ysa Valerie Casayuran, Vince Andrei Torres, *1st Place*; Maria Bernadette Landicho, John Denver Bechayda, Arielle Victoria Encarnacion, *3rd Place*.

# **Student Services**



SCHOLARSHIP



ANNUAL REPORT 2022 [STUDENT SERVICES]



HEALTH SERVICES

### **Pisay-CALABARZON conducts vaccination drive**

Philippine Science High School-CALABARZON's Health Services Unit, in partnership with the Batangas City Health Office, conducted a successful COVID-19 vaccination drive.

The vaccination drive carried out by the Philippine Science High School-CALABARZON's Health Services Unit was open to all students and staff. The Batangas City Health Office cooperated fully in the drive, which allowed the medical professionals from both organizations to administer the necessary dosage of vaccine to the participants.

The school's Health Services Unit

expressed their satisfaction at the turnout of the vaccination drive. "This event went well and we indeed achieved its goal of better protection against COVID-19. It was participated in by almost 100 scholars and staff," they stated.

Meanwhile, PSHS-CALABARZON Student Services Division (SSD) Chief Mr. Jorge Job shared that the school was committed to providing a safe learning environment for their students.

"Our top priority is the safety and welfare of our students and faculty. With this vaccination drive and our robust health protocols, we hope to mitigate the effects of COVID-19 on our school community." The vaccination drive is part of the school's efforts to promote health and wellness among its stakeholders. PSHS-CALABARZON has been actively implementing health programs such as regular health screenings, mental health awareness campaigns, and fitness activities to ensure the well-being of its community.

PSHS-CALABARZON's commitment to community service is reflected in their collaborative efforts with the Batangas City Health Office. The school is looking forward to more partnerships and initiatives that will benefit their community, especially in these trying times.



#### GUIDANCE AND COUNSELING

### **Pisay-CALABARZON celebrates Mental Health Day**

The Pisay-CALABARZON Guidance and Counseling Unit (GCU) facilitated the celebration of Mental Health Day on October 12, 2022. The event aimed to promote mental health awareness and provide students with the necessary support to cope with their daily challenges.

The Mental Health Day celebration included various activities intended to uplift the spirits of scholars and promote positive mental health. One of the highlights of the event was the gift-giving activity, where scholars received letters and gifts from their family members, which served as a reminder of their unwavering support. In addition, scholars received goodies and stuff with affirmative messages from their co-scholars, fostering a sense of camaraderie and community among the students.

As part of the event, each scholar also received an individual health kit, courtesy of Batangas Lions Club Inc., under the leadership of Mr. Van Marabe and cochairman Mr. Egay Untalan. The health kits contained vitamin C supplements, facemasks, toothbrushes, toothpaste, soap, and bottles of alcohol, which serve as essential items for maintaining good health, especially during the ongoing pandemic.

According to the GCU, the Mental Health

Day celebration serves as an opportunity to remind students of the importance of taking care of their mental health and seeking help when necessary. The event also highlights the GCU's commitment to providing support and guidance to scholars to help them overcome challenges and achieve their goals.

The Pisay-CALABARZON Mental Health Day celebration was a resounding success, with scholars expressing their appreciation for the activities and support provided by the GCU. The event serves as a reminder that mental health is just as important as physical health, and it is essential to take care of both for a happy and healthy life.

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#### ADMISSIONS

### **RACE for Admission kicks off in Region IV CALABARZON**

Philippine Science High School (PSHS) Calabarzon has recently implemented the PSHS RACE (Requirements for admission, Criteria, and Evaluation) campaign to encourage young Filipinos in the region to apply for a Pisay scholarship.

After communicating with the Department of Education (DepEd), the PSHS CALABARZON faculty and staff conducted a caravan from August to November 2022, focusing on at least 30% of the total number of municipalities in the region. The scholars supported the campaign through the STRIVE 2022: PSHS RACE

Assistance Program led by the student organization SEEK (Science Enthusiasts for the Enhancement of Knowledge).

The PSHS RACE involves a set of requirements and evaluation criteria for the admission of Grade 7 students to the prestigious science high school. The prerequisites include Filipino citizenship, not more than 14 years old by June 30, 2023, and an average final grade of 85% or higher in Science, Math, and English in the first three grading periods of Grade 6. Moreover, the evaluation criteria comprise a science aptitude test, test of mathematical abilities, and perception and motivation interviews.

Different strategies were carried out during the caravan. Some faculty even brought laptops to show the students a video presentation of the campus to entice them to take the opportunity to be a Pisay scholar. Most of the employees involved even stayed in their place of assignments to meet the early classes of students in public schools.

The PSHS CALABARZON RACE aims to provide an equal opportunity for young Filipinos pursuing science education and research. The campaign also seeks to inspire future innovators and leaders in various scientific fields and industries in the Philippines and other countries.



#### LIBRARY

### Library distributes books for School Year 2022-2023

Romilyn deLeon, Pisay CALABARZON's librarian, spearheaded the annual distribution of books to the students In preparation for the School Year 2022-2023. This initiative aims to provide the students with essential learning materials that would aid them in their academic pursuits.

The distribution of books started last June 7 and finished on June 21, just in time for the opening of classes. Despite the challenges posed by the pandemic, Ms. Romilyn and her team were able to facilitate the timely and efficient distribution of books. "Although tiring as students of different grade levels flocked to the library, it was successfully carried out through the implementation of a system and adherence to health protocols set by the school during the pandemic. Despite the difficulty and exhaustion that comes with this activity, we made sure that all scholars were able to return their books and receive a new set for use in their studies for the opening of the new school year."

Among the books distributed were textbooks, workbooks, and reference materials, which were carefully chosen based on the curriculum and the needs of the students.

"One of the goals of the book distribution is to help the students become more independent in their studies. By providing them with the necessary learning materials, they are encouraged to explore and discover new information on their own," Ms. Romilyn added.

Overall, the annual distribution of books by the PSHS-CALABARZON is a testament to the importance of a well-maintained library in an educational institution. It reinforces the school's commitment to providing quality education to its students and ensuring that they have access to the necessary resources to achieve their goals.

# 2022 RACE for Admissions Report

A total of 84 municipalities/cities were visited during the NCE/RACE caravan and the whole Region IV CALABARZON was reached through the radio broadcast. (Source: Student Services Division)

Dasmariñas City Trece Martires City Ternate Maragondon	Cavite City Kawit Noveleta Rosario	NO. OF AREAS READ		NO. OF AREAS F Balayan
Maragondon Naic Tanza General Trias Amadeo Tagaytay City Silang Mendez Indang	Rosario Bacoor City Imus City Carmona GMA Alfonso Magallanes Emilio Aguinaldo	Calamba City Bay Calauan Los Baños Pila San Pablo City Santa Cruz Victoria Cabuyao City	Sta. Rosa City Biñan City San Pedro Liliw Majayjay Nagcarlan Rizal Magdalena Alaminos	Calaca Lemery Calatagan Lian Nasugbu Taal Tanauan City Malvar Lipa City
TOTAL NO. OF APP	LICATIONS	TOTAL NO. OF AP	PLICATIONS	

Accomplishment Rate:



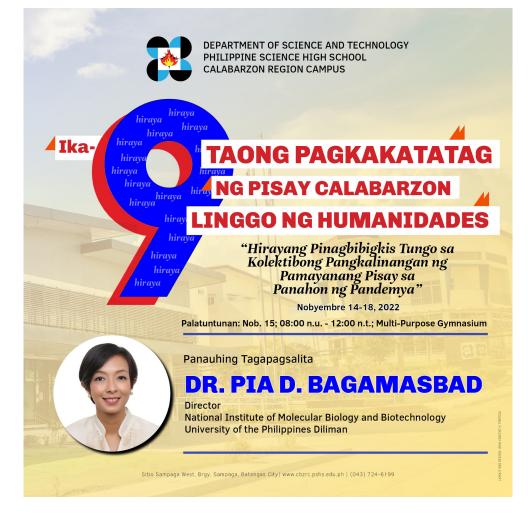
Total Number of Cities/Municipalities: 142 Total Number of Cities/Municipalities Reached through the Caravan: 84 Total Number of Citie/Municipalities with Applications Forms Received: 91 Total Number of Applicants: 1,044



# Human Resource







#### PRAISE AWARDS

### PSHS-CALABARZONRC awards exemplary employees at 9th Founding Anniversary

The Philippine Science High School – CALABARZON Region Campus (PSHS-CALABARZONRC) awarded exemplary employees during its 9th Founding Anniversary on November 15, 2022 at the campus' Multi-Purpose Gymnasium.

The event was highlighted by a speech from guest speaker Pia D. Bagamasbad, Ph.D., Director of the National Institute of Molecular Biology and Biotechnology, University of the Philippines Diliman. She talked about the importance of science and technology in nation-building.

The event also featured performances from the Serenata Stellar – PSHS-CALABARZONRC Rondalla and the Marahuyo Dance Club.

The exemplary employees of the school were also recognized and given awards. The

following are the awardees:

Outstanding Employee Award (Level 1): Ederlinda E. Lumanglas

Outstanding Employee Award (Level 2): Ma. Theresa P. Pagulayan

Outstanding Employee Award (Teaching): Myla A. Argente

Gantimpala Agad Award (Teaching): Ernie V. Roa

Gantimpala Agad Award (Non-Teaching): Ma. Theresa P. Pagulayan

Ethics and Conduct Behavioral Award: Nneka B. Evangelista

Sinagtala Teaching Excellence Award: Romeo Jr. M. Madrona

Sinagtala - Science, Technology and Innovation Award: Ernie V. Roa

1st Place Best Organizational Unit: Mathematics Unit

2nd Place Best Organizational Unit: Biology and Agriculture Unit 3rd Place Best Organizational Unit: Guidance and Counseling Unit

Loyalty Award (10 years of Government Service): Eduardo V. Isabela Jr.

Loyalty Award (20 years of Government Service): Ma. Theresa P. Pagulayan

Loyalty Award (30 years of Government Service): Dr. Jose M. Andaya

Certificate of Recognition in Completing Master's Degree: Reynier A. Olivares (Master of Arts in English as a Second Language / August 12, 2022)

Certificate of Recognition for Passing the Licensure Examination: Carlo A. Basbas (Licensed Chemical Engineer)

Plaque of Recognition for Outstanding Service: Chief of Curriculum and Instruction Division A.Y. 2018-2022 – Joni M. Albarico

The program was hosted by Ms. Kimberly Faye M. Viaña.



#### TRAINING

### PSHS-CALABARZONRC Holds In-Service Training on Adaptations and Teamwork

The Philippine Science High School CALABARZON Region Campus (PSHS-CALABARZONRC) held an inservice training on August 17-19, 2022, with the theme Adaptations and Teamwork: The Lessons of the Pandemic. The training was attended by all teaching and non-teaching staff of the campus.

The training was conducted in three parts. On the first day, the participants were given an overview of the school's programs and projects for the coming school year. They were also briefed on the new policies and procedures that will be implemented. In the afternoon, the first resource speaker, Dr. Elenita Natalio Que from the UP College of Education, talked about Teaching Innovation: Flipping the Classroom. In another breakout session, the non-teaching staff listened to Mr. Mario Gigayon talk about Employee Development Planning.

On the second day, the participants attended breakout sessions on various topics, such as the PSHS Student Code of Conduct, discussed by Ms. Monica D. Xavier, a Discipline Officer at PSHS Main Campus. Another key topic was ISO 9001:2015 Awareness, which was discussed by Mr. Reynier A. Olivares, Quality Management Representative; Mr. Dexter Vile J. Laurden, Internal Lead Auditor; and Ms. Quennie Marice D. Maglasang, Document Controller. At night, the Socialization Committee organized a Socials Night, where the teachers and staff had a chance to socialize and bond with their colleagues.

The participants engaged in teambuilding activities on the third day to improve their communication and collaboration skills. Gender and Development Program Talk on Sexual Orientation, Gender Identity, and Gender Expression (SOGIE) Awareness in the Workplace

December 22, 2022 09:30AM – 12:00PM with Ms. Mela Franco Habijan



#### GAD PROGRAMS

## Advocate urges Pisay to be more inclusive for LGBTQIA+ students

LGBTQIA+ rights advocate and Miss Trans Global 2020 Mela Franco Habijan served as the keynote speaker for the Philippine Science High School CALABARZON Region Campus' Gender and Development (GAD) Program talk on SOGIE Awareness on December 22, 2022. The event was held via Zoom and was attended by the school's faculty and staff.

In her talk, Habijan discussed the

fundamentals of sexual orientation, gender identity, and gender expression (SOGIE) and how these apply to the participants' everyday actions in the workplace and the classroom. She stressed the importance of creating an inclusive environment for all students, regardless of their SOGIE.

Habijan shared her own experiences as a transgender woman and the discrimination she has faced throughout her life. She spoke about the importance of allies and how we can all work to create a more inclusive society, especially during LGBTQIA+ youth's formative years in educational institutions.

Habijan said that if the Philippine Science High School System intends to be inclusive, she suggested that the school implement updated policies protecting LGBTQIA+ students from discrimination and harassment. She also suggested that the school provide more resources and support for LGBTQIA+ students.

# **Personnel Profile**

Total Number of Personnel for FY 2022:



Male: 71 Newly Promoted: 3

*Female: 54 Newly-Hired: 28* 

Male Permanent Personnel: 34

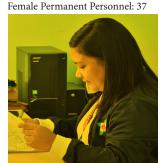


Female Non-Teaching Personnel: 23



Female COS and JO Personnel: 17





Male Teaching Personnel: 34



Male COS and JO Personnel: 37



Male Non-Teaching Personnel: 37



Female Teaching Personnel: 31





\*Photos taken in December 2022

### **Finance and Administration Division**





- a. Lontok, Argie A., Administrative Aide I
- b. Abando, Elmer B., Administrative Aide VI
- c. Aguila, Arnel Endozo, Administrative Officer IV
- d. Cababan, Mark Andrew B., Administrative Assistant I
- e. Clarin, Cahmille P., Administrative Assistant I
- f. Magdalena, Mhelvin E., Resident Engineer
- g. Garcia, Elannie M., Administrative Officer III
- h. Ilagan, John Carlo N., Administrative Assistant  ${\it I}$
- i. Recto, Lenelyn F., Administrative Assistant II
- j. Cacao, France Fhilip M., Administrative Assistant I
- k. Pagulayan, Ma. Theresa P., FAD Chief/Supervising Administrative Officer
- I. Hernandez, Dan Jelard A., Resident Architect
- m. Espino, Edsel E., Administrative Officer III
- n. Cacao, Danica G., Administrative Assistant II
- o. Untalan, Jerald Elgene S., *Administrative Officer II* p. Perez, Diane Sairah M., *Administrative Assistant II*

Not in Photo:

1. Landicho, Laurie Carr L., *Administrative Aide VI* (End of Service: December 2022)

## In the Background: Administration Bldg.

### **Janitorial and Utility Personnel**





- a. Parafina, Antonino Jr. B., Administrative Aide I
- b. Fatal, Dorotea A., Administrative Aide I
- c. Hernandez, Mark Anthony T., Administrative Aide III
- d. De Leon, Reynan R., Administrative Aide I
- e. Banila, Jessie D., Administrative Aide III
- f. Alix, Merwin M., Administrative Aide III
- g. Padilla, Idhelboy L., *Administrative Aide III* h. Hernandez, Nonnatus Andro A., *Administrative Aide III*
- i. Magtibay, Romulo V., Administrative Aide I
- j. Cunaq, Christopher B., Administrative Aide III
- k. Montana, John Paulo A., *Administrative Aide II*
- I. Magtibay, Ermil S., Administrative Aide I
- m. Dutado, Melvin A., Administrative Aide I
- n. Blanco, Randy G., Administrative Aide I
- o. Baja, C-jay M., Administrative Aide I
- p. Malaluan, Jhon Paul P., Administrative Aide I
- q. Casas, John Camill A., Administrative Aide I
- r. Hernandez, Reden S., Administrative Aide IV

Not in Photo:

1. Almero, King Leonard D., Administrative Aide I

## In the Background: **Cafeteria**

### **Security Personnel**





- a. Lacida, Mark Anthony, Security Guard
- b. Tapero, Rammel, Security Guard
- c. Loking, Danilo, Security Guard
- d. Salcedo, Ricsel, Security Guard

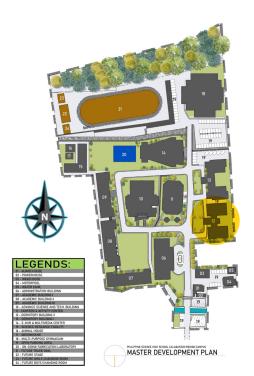
#### Not in Photo:

- 1. Briones, Nicko, Security Guard
- 2. Ebora, Yozeph Mickhael, Security Guard
- 3. Fernandez, Antonio, Security Guard
- 4. Flores, Allen, Security Guard
- 5. Herilla, Darrel, Security Guard
- 6. Jusi, Nicanor, Security Guard
- 7. Natad, Francis, Security Guard
- 8. Nol, Dante, Security Guard
- 9. Paloma, Jun, Security Guard

In the Background: School Entrance

### **Student Services Division**





- a. De Leon, Romilyn V., Librarian I
- b. Dagpin, Darl Christine Joy M., Guidance Services Associate I
- c. Mogol, Bernard Jonel L., Assistant Dormitory Manager
- d. Areta, Ana Gianelli V., *Life Coach*
- e. Briones, Ronnel M., Assistant Dormitory Manager
- f. Laurena, Benita M., Guidance Services Associate I
- g. Lumanglas, Megie A. Assistant Dormitory Manager
- h. Jareño, Angelito B. Assistant Dormitory Manager
- i. Laurden, Dexter Vile J., Asst. SSD Chief/Special Science Teacher II
- j. Fatal, Trixie B., Administrative Assistant I
- k. Gutierrez, Nina Blossom B., Administrative Assistant II
- I. Arroyo, Mary Mediatrix B., Registrar I
- m. Job, Jorge M., SSD Chief/Special Science Teacher III

#### Not in Photo:

- 1. Buenviaje, Renmar S., Dorm Manager I
- 2. Azucena, Acezel Joy M., Nurse I
- 3. Pasia, Bella D., Dorm Manager I
- 4. Buenviaje, Renmar S., Dormitory Manager I (End of Service: July 2022)
- 5. Canales, Diwata M., Assistant Dormitory Manager (End of Service: December 2022)
- 6. Gutierrez, Mark A., Dormitory Manager I (End of Service: October 2022)

In the Background: Girls' Residence Hall

### **Curriculum and Instruction Division**





- a. Soriano, Judith Ann U., Administrative Assistant  ${\it I}$
- b. Lontoc, Allison A., Science Research Assistant
- c. Argente, Myla A., Asst. CID Chief for Academic Affairs
- d. Isabela, Eduardo Jr. V., Science Research Specialist I
- e. Marasigan, Beverly Ann I., Information Systems Analyst I
- f. Mabelle V. Furto, CID Chief/Special Science Teacher IV
- g. Macalalad, Leo R., Special Science Teacher III
- h. Florida, Marbecel C., Asst. CID Chief for Student Affairs i. Lumanglas, Ederlinda E., Science Research Assistant
- j. Ebreo Aira Abigael P., Administrative Assistant II
- k. Modrigo, John Paul V., Information Systems Analyst I

In the Background: Academic Bldg. 1

### **Biology and Agriculture Unit**





- a. Rosal, Christian Jay P., Special Science Teacher I
- b. Barte, Aileen Rose D., Special Science Teacher II
- c. Recto, Avril Ley Ann V., Unit Head/Special Science Teacher III
- d. Bacalla, Regina Monnic M., Special Science Teacher I
- e. Ison, Michael Jomar B., Special Science Teacher III

Not in Photo:

- Azucena, John Joshua A., Special Science Teacher II (On Study Leave)
   Elayda-Romulo, Micah Teresa C., Special Science Teacher I

In the Background:

Advanced Science and Technology Bldg.

### **Chemistry Unit**





a. Garrero, Moises Jerome M., Special Science Teacher II

- b. Basbas, Carlo A., Special Science Teacher I
- c. Furto, Mabelle V., Special Science Teacher IV
- d. Laurden, Dexter Vile J., Unit Head/ Special Science Teacher II
- e. Amores, Vincent Guiller G., Special Science Teacher I
- f. Peña, Maro R., Special Science Teacher I

In the Background: Academic Bldg. 2

### **Computer Science Unit**





a. Viaña, Kimberly Faye M., Special Science Teacher I

- b. Aclan, Amy U., Unit Head/ Special Science Teacher III
- c. Macalalad, Leo R., Special Science Teacher III
- d. Villanueva, Marizel B., Special Science Teacher IV
- e. Florida, Marbecel C., Special Science Teacher III

Featured Location: Conference Room, Administration Bldg.

### **English Unit**





- a. Biliran, Patriz Julliene C., Special Science Teacher I
- b. Sanchez, Rendell M., Special Science Teacher I
- c. Ocampo, Abigail M., Unit Head/ Special Science Teacher IV
- d. Forteza, John Vincent K., Special Science Teacher V
- e. Olivares, Reynier A., Special Science Teacher II

Not in Photo: 1. Jalagat, Joseph Ryann J., Special Science Teacher I

In the Background: Entrance of Library and E-Hub

### Filipino Unit





- a. Larraga, Grace Precious T., Special Science Teacher IV
- b. Maglasang, Quennie Marice D., Unit Head/ Special Science Teacher III
- c. Mauhay, Arlene F., Special Science Teacher IV
- d. Inumerable, Kendra L., Special Science Teacher IV
- e. Verana, Raymond M., Special Science Teacher I
- f. Revadulla, Mark John Anthony C., Special Science Teacher II

Featured Location: Walkway in front of Library and E-Hub

### **Mathematics Unit**





- a. Bulaclac, Princes D., Special Science Teacher II
- b. Cordero, Christopher M., Special Science Teacher II
- c. Reyes, Maryrose Lizette A., Special Science Teacher I
- d. Maranan, Siena Catherine A., Special Science Teacher III
- e. Ortega, Angelica M., Special Science Teacher I
- f. Maxion, Mark Cletcher T., Special Science Teacher I
- g. David, Emmanuel B., Special Science Teacher I
- h. Madrona, Romeo Jr. M., Unit Head/ Special Science Teacher V

Not in Photo: 1. Gatoc, Alona I., Special Science Teacher II

In the Background: Academic Bldg. 3

### Physical Education, Health and Music Unit





- a. Inumerable, Richard A., Special Science Teacher III
- b. Bautista, Sarha A., Special Science Teacher IV
- c. Escalera, Ronnel S., Unit Head/ Special Science Teacher IV
- d. Lalog, Ryanah Ness I., Special Science Teacher I
- e. Argente, Myla A., Special Science Teacher V

Featured Location: Multi-Purpose Gymnasium

### **Physics Unit**





a. Emralino, Francis M., Unit Head/Special Science Teacher III

b. Abareta, Hazel H., *Special Science Teacher IV* 

d. Masong, John-Niel T., Special Science Teacher IV

Not in Photo:

1. Albarico, Joni M., *Special Science Teacher III (On Study Leave)* 2. Virata, Rholeo O. *Special Science Teacher I (End of Service: June* 2022)

In the Background: Front of Library and E-Hub

### **Research and Integrated Science Unit**



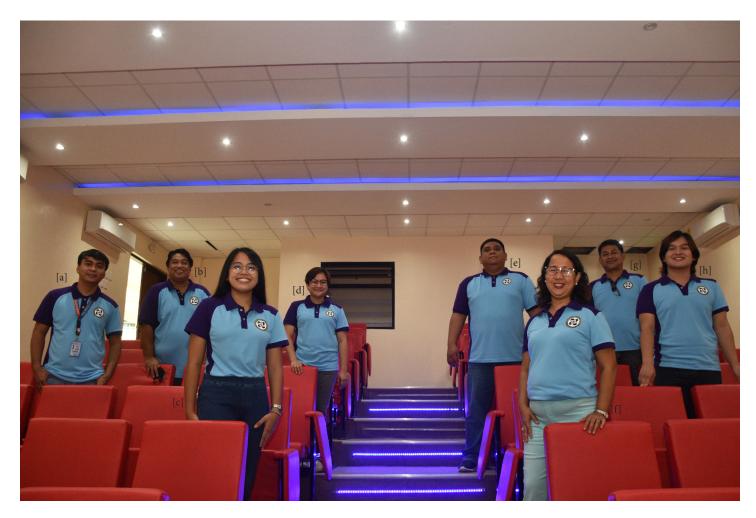


a. Gilera, Lindberg R. Special Science Teacher I

- b. Falcunaya, Cladys M., Special Science Teacher IV
- c. Alvarez, Peter Tee Jay L., Special Science Teacher  ${\it II}$
- d. Manglicmot, Michelle T., Unit Head/Special Science Teacher III
- e. Abareta, Jefferson O., Special Science Teacher II
- f. Paunil, Judy Ann P., Special Science Teacher I

In the Background: Science Research Facility

### **Social Science and Values Education Unit**



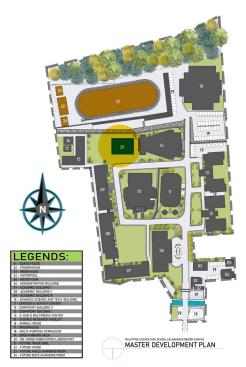


- a. Mogol, Jomar L., Special Science Teacher II
- b. Job, Jorge M., Special Science Teacher III
- c. Evangelista, Nneka B., Special Science Teacher I
- d. Sambrano, Katrina T., Special Science Teacher I
- e. Paunil, Ferdinand S. Special Science Teacher III
- f. Gavina, Mary Angel Layson, Unit Head/Special Science Teacher V
- g. Gavina, Nazareno M., Special Science Teacher III
- h. Elemos, Christopher Nicole G., Special Science Teacher I

Featured Location: Audio-Visual Room, Acad. Bldg. 3

### **Technology and Engineering Unit**





a. Morada, Kristoffer Nolan C., *Special Science Teacher III* b. Ativo, Shiela Liz L., *Unit Head/Special Science Teacher IV* c. Roa, Ernie V., *Special Science Teacher III* 

Not in Photo: 1. Lagasca, Christine Joyce J., *Special Science Teacher I* (End of Service: December 2022)

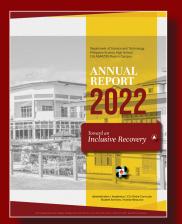
In the Background: Front of Fabrication Laboratory APPENDIX A

## **Budget Utilization Report for FY 2022**

(Source: Budget Officer)

	PERSONNE	L SERVICES	
Allotment (FY 2022) ('000)	Allotment (FY 2021) ('000)	Increase/Decrease ('000)	Percentage of Change
64,510	52,042	12,468 🛧	23.96
MAINTI	ENANCE AND OTHE	ER OPERATING EX	PENSES
Allotment (FY 2022) ('000)	Allotment (FY 2021) ('000)	Increase/Decrease ('000)	Percentage of Change
49,981	47,894	2,087 🛧	4.36
Allotment (FY 2022) ('000)	<b>CAPITAL</b> Allotment (FY 2021) ('000)	OUTLAY Increase/Decrease ('000)	Percentage of Change
	Allotment (FY 2021)	Increase/Decrease	Percentage of Change <b>99.75</b>
('000)	Allotment (FY 2021) ('000) <b>48,052</b>	Increase/Decrease ('000)	
('000)	Allotment (FY 2021) ('000) <b>48,052</b>	Increase/Decrease ('000)	

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