Republic of the Philippines
Department of Education
NEGROS ISLAND REGION

APR 10 2026

REGIONAL MEMORANDUM
No. 357, s. 2026

WINNERS IN THE 2026 NATIONAL SCIENCE AND TECHNOLOGY FAIR (NSTF) AND MEMBERS OF THE PHILIPPINE DELEGATION IN THE REGENERON INTERNATIONAL SCIENCE AND ENGINEERING FAIR (ISEF) 2026

To: Schools Division Superintendents
All Others Concerned

1. Attached is DepEd Memorandum No. DM-OULS-2026-129 titled Winners in the 2026 National Science and Technology Fair (NSTF) and Members of the Philippine Delegation in the Regeneron International Science and Engineering Fair (ISEF) 2026.

2. This Office proudly congratulates the following winners in the 2026 NSTF held on March 10–13, 2026 at Great Eastern Hotel, Quezon City:

LIST OF WINNERS				
Award	**SDO**	**Name of Learner**	**Adviser/s**	**School**
Robotics Intelligent Machine (Individual) **Member of the Phil Delegation in the Regeneron ISEF* **3 Best Projects* **STEM Changemaker Awardee* **Gokongwei Brothers Foundation Awardee*	Negros Oriental	Margareth J. Ac-Ac	Aiza M. Abingayan	Sumaliring High School
Physical Science (Individual)	Negros Occidental	Kenjie S. Francisco	Russell N. Gorre Kalvin Joy Bauno	Negros Occidental High School
STEM Innovation Expo – (Individual)	Siquijor	Ma. Hannah Vie T. Espinosa	Anthoniette O. Gica	Siquijor Provincial Science High School

Address: Batinguel, Dumaguete City, 6200
Telephone Nos:
Email Address: nir@deped.gov.ph
Website: https://tinyurl.com/nir-gov-ph

3. Moreover, the following will represent the Philippines as part of the National Delegation to the **Regeneron ISEF 2026**, to be held on **May 9–15, 2026, in Phoenix, Arizona, US:**

Name	Position	SDO
Margareth J. Ac-Ac	Student	Negros Oriental
Arnold R. Jungco	EPS *(Official Adult-in-Charge)*	Negros Oriental

4. The travel expenses of the participants shall be charged against the 2026 BEC funds, Provincial General Fund, and local funds, subject to existing accounting and auditing rules and regulations.

5. Immediate dissemination of and compliance with this Memorandum are desired.

RAMIR B. UYTICO EdD, CESO III
Regional Director

Encl.: As stated
Reference: As stated
To be indicated in the Perpetual Index
under the following subjects:

CURRICULUM RESEARCH SPECIAL CIRRICULAR PROGRAMS

MMPR/CLMD-RM-2026 Winners in the 2026 National Science and Technology Fair (NSTF) and Members of the Philippine Delegation in the Regeneron International Science and Engineering Fair (ISEF) 2026
000/March 8, 2026

Republic of the Philippines
Department of Education
OFFICE OF THE UNDERSECRETARY FOR LEARNING SYSTEMS

MEMORANDUM
DM-OULS-2026-129

TO : **REGIONAL DIRECTORS**
MINISTER, MINISTRY OF BASIC, HIGHER AND TECHNICAL EDUCATION, BARMM

FROM : **CARMELA C. ORACION**
Assistant Secretary
Officer-in-Charge
Office of the Undersecretary for Learning Systems

SUBJECT : **WINNERS IN THE 2026 NATIONAL SCIENCE AND TECHNOLOGY FAIR (NSTF) AND MEMBERS OF THE PHILIPPINE DELEGATION IN THE REGENERON INTERNATIONAL SCIENCE AND ENGINEERING FAIR (ISEF) 2026**

DATE : March 17, 2026

This Office is pleased to announce the winners of the various competitions held during the 2026 National Science and Technology Fair (NSTF), conducted on March 10 – 13, 2026 at the Great Eastern Hotel, Quezon City. We extend our sincere appreciation to all participants and their research adviser-coaches, whose active involvement and support contributed to the successful execution of this event. The Department also acknowledges the cooperation of school heads, supervisors, and regional directors, whose efforts ensured the successful conduct of the competition.

The list of winners for each competition category is provided in Annex A.

As part of the NSTF's goal to promote excellence in scientific research, the Regeneron International Science and Engineering Fair (ISEF), a prestigious global pre-college science competition, will serve as the next platform for select student-researchers to showcase their work internationally. From 142 entries, judges identified the top three projects per category and selected eight (8) Best Projects to represent the country at the 2026 Regeneron ISEF. A total of sixteen (16) student-researchers from the NSTF winners will form the Philippine delegation in the ISEF, scheduled for May 9–15, 2026 in Phoenix, Arizona, USA. The list of delegates is provided in Annex B.

Meals, travel allowances, domestic transportation, board and lodging, and incidental expenses of the Philippine delegation shall be charged against the 2026 Basic Education Curriculum (BEC) Funds to be downloaded to the delegates' respective Schools Division Offices (SDO). Further, Visa application fees shall be reimbursed to

finalists upon submission of all pertinent and duly validated documents. Any additional travel and incidental expenses incurred shall be charged against local funds subject to the usual accounting and auditing rules and regulations. Moreover, expenses in excess of the downloaded funds shall be used for any ISEF-related activities. Refer to Annex E.1 and E.2 for the Guidelines on the Utilization of Downloaded Subsidy for the ISEF-Finalists.

To facilitate the downloading of funds, Schools Division Superintendents of concerned SDOs shall submit the acceptance form found in Annex F to Mr. Jios Ver D. Temporal, Senior Education Program Specialist, Bureau of Curriculum Development (BCD), via email at jiosver.temporal@deped.gov.ph, with a copy furnished to bcd.od@deped.gov.ph.

To ensure optimal preparation, the 16 student-researchers will undergo intensive mentoring sessions with experts in the fields of Science, Mathematics, and Engineering. This will be conducted **virtually through Microsoft Teams from April 20 – 24, 2026, and on-site from May 6 to 8, 2026, at a venue within NCR.** Student delegates are required to submit the attached conforme (Annex C) in the same email above.

Immediate dissemination of this memorandum is directed.

ANNEX A. WINNERS OF THE 2026 NATIONAL SCIENCE AND TECHNOLOGY FAIR

Best Regional Shoutout: Region VI – Western Visayas

On-the-spot Poster Making Contest: Cordillera Administrative Region

Three Best Projects: Life Science Individual				
Title of the Research Project	**Proponent**	**School**	**Region**	**Coach/es**
Eco-Synthesized Silver Nanoparticles from Moringa oleifera as a Colorimetric Biosensor for In Vitro Detection of Misfolded Lysozyme	1. Mary Claire Louise V. Decio	Ormoc City Senior High School	VIII	Kristy Nillet P. Adobas
In Silico Screening of Kalumpang (*Sterculia foetida*) Leaf Constituents Targeting *Xanthomonas oryzae pv. oryzae* Topoisomerase IV Subunit B (Rice Bacterial Leaf Blight)	1. Esau D. Bungtod	Valencia National High School	X	Ace B. Cardeño
Biogenic Synthesis of *Averrhoa bilimbi L.* (Kamias) Flower Silver Nanoparticles and Their Mechanistic Induction of Apoptosis in HepG2 Cell Line: An Integrated In Silico and In Vitro Study	1. Eureka Heragrace A. Tuya	Labangal National High School	XII	Sheryl Rose Joy R. Leysa
Best Presenter: Life Science Individual				
NEUROVIVE: Establishing Tenebrio molitor as a Novel Invertebrate Model with Dual Therapeutic and Diagnostic Functionality for TBI via Neurobiological-Structural	1. Gared Arthur S. Tribunalo	Daniel R. Aguinaldo National High School	XI	Regie P. Rodrigo

Modulation and Autologous Delivery of Submicronized Ferulic Acid				
Best Project Poster Display: Life Science Individual				
In Vitro Anti-Adipogenic Potential Of Pigmented Rice Extract (Oryza sativa) On 3t3-L1 Preadipocyte Cell	1. Shaya Louis D. Santiago	Muñoz National High School Main	III	Rolando M. Bulatao

Three Best Projects: Life Science Team				
Title of the Research Project	**Proponents**	**School**	**Region**	**Coach/es**
Biogenic Hydroxyapatite from *Batissa violacea* Shells for Hap/Carboxymethyl Cellulose/ Polyvinyl Alcohol Hydrogel As Potential Bone Extracellular Matrix-Mimicking Infill In Biodegradable 3d-Printed Polylactic Acid/Hap Scaffolds	1. John Carlo G. Mayormita 2. Jan Izel L. Bacuyag 3. Angelica Mae F. Berenguel	Lal-lo National High School	II	Frazcel P. Serna
BioVera: A Seawater Soluble PVA–Aloe vera Bioplastic Bag	1. Zeth Dominic Q. Lacerna 2. Kate Angel Eugenie C. Caronongan 3. Angelika V. Llaneta	Gulang Gulang National High School	IV-A	Donna Mae A. Rafa
Nature's Twin Therapy: Bioactive Constituents of *Antigonon leptopus* as Antihyperlipidemic and Antidiabetic Agents Revealed via an Integrated In Vitro–In Silico Study	1. Moira Anneka S. Soberano 2. Paul Benedict S. Soberano	Capiz National High School	VI	Maria Fatima S. Bolido Ronnel C. Bialen

Best Presenter: Life Science Team				
BioVera: A Seawater Soluble PVA–Aloe vera Bioplastic Bag	1. Zeth Dominic Q. Lacerna 2. Kate Angel Eugenie C. Caronongan Angelika V. Llaneta	Gulang Gulang National High School	IV-A	Donna Mae A. Rafa
Best Project Poster Display: Life Science Team				
Nature's Twin Therapy: Bioactive Constituents of *Antigonon leptopus* as Antihyperlipidemic and Antidiabetic Agents Revealed via an Integrated In Vitro–In Silico Study	1. Moira Anneka S. Soberano 2. Paul Benedict S. Soberano	Capiz National High School	VI	Maria Fatima S. Bolido Ronnel C. Bialen

Three Best Projects: Physical Science Individual				
Title of the Research Project	**Proponent**	**School**	**Region**	**Coach/es**
EcoCell: Utilization of Coconut (Cocos nucifera) Shell-derived Activated Carbon (CSdAC) and Recycled Brass Wire (RBW) as Potential Electrodes for Galvanic Cell	1. Aj Maye A. Miralles	General Juan Castañeda Senior High School	IV-A	Mark Philip A. Echon
ILLUMINA: Interface-Engineered Lignin Luminescent UV-Responsive Multijunction Integrated Nodal Anode Derived from Coconut (Cocos nucifera) Husk Chromophores Based on SnO_2/g-C_3N_4 for Photon Conversion and Charge Transport	1. Marc Fritzter V. Tamayo	Bansud National High School - RSHS for MIMAROPA	IV-B	Lorie E. Malaluan
Synthesis, Characterization, And Application Of Silkworm Cocoon Sericin-Capped N, S-Co-	1. Kenjie S. Francisco	Negros Occidental High School	NIR	Russell N. Gorre

Doped Carbon Quantum Dots For Visible-Light-Driven Photocatalytic Removal Of Chlorpyrifos-Contaminated Agricultural Wastewater In Negros Island Integrating A Circular Bioeconomic Model				
Best Presenter: Physical Science Individual				
ILLUMINA: Interface-Engineered Lignin Luminescent UV-Responsive Multijunction Integrated Nodal Anode Derived from Coconut (Cocos nucifera) Husk Chromophores Based on SnO_2/g-C_3N_4 for Photon Conversion and Charge Transport	1. Marc Fritzter V. Tamayo	Bansud National High School - RSHS for MIMAROPA	IV-B	Lorie E. Malaluan
Best Project Poster Display: Physical Science Individual				
ILLUMINA: Interface-Engineered Lignin Luminescent UV-Responsive Multijunction Integrated Nodal Anode Derived from Coconut (Cocos nucifera) Husk Chromophores Based on SnO_2/g-C_3N_4 for Photon Conversion and Charge Transport	1. Marc Fritzter V. Tamayo	Bansud National High School - RSHS for MIMAROPA	IV-B	Lorie E. Malaluan

Three Best Projects: Physical Science Team				
Title of the Research Project	**Proponent**	**School**	**Region**	**Coach/es**
WinDTurbine Power: A Novel Hybrid Dimple-Tubercle Blade Configuration Integrating Physics-Informed Gaussian Process (PIGP) for Power Coefficient (Cp) Optimization	1. Nathan Andrew P. Canilao 2. Pierre Phoella G. Ilagan 3. Asher John S. Garcia	Angeles City Science High School	III	Lolita G. Bautista

Hatch IQ Tank: IoT-Based, Dual-Powered Water Quality and Feeding Management System For Kapis Shell (*Placuna placenta*) Culture	1. Asiana Eloisa E. Aquino 2. Andrea Mae I. Montuya 3. Jhenica F. Aberia	Basud National High School	V	Mischelle D. Hidalgo
Bio-piezoelectric Enhancement of Polyvinylidene Difluoride (PVDF) Using Gamma Irradiated Water Hyacinth (*Pontederia crassipes*)-derived Carbon Quantum Dots (CQDs) for Potential Bone Tissue Engineering Applications	1. Leanne Samantha M. Angeles 2. Loren Joyce B. Doydora 3. Rhayanna Grey S. Jumawid	City of Mandaluyong Science High School	NCR	Crizel J. Peligrino
Best Presenter: Physical Science Team				
Bio-piezoelectric Enhancement of Polyvinylidene Difluoride (PVDF) Using Gamma Irradiated Water Hyacinth (*Pontederia crassipes*)-derived Carbon Quantum Dots (CQDs) for Potential Bone Tissue Engineering Applications	1. Leanne Samantha M. Angeles 2. Loren Joyce B. Doydora 3. Rhayanna Grey S. Jumawid	City of Mandaluyong Science High School	NCR	Crizel J. Peligrino
Best Project Poster Display: Physical Science Team				
G-Tex: Development and Physicochemical Characterization of a Biopolymer-Based Leather Alternative From Nopal Cactus (*Opuntia cochenillifera*)	1. Nena A. Abacan 2. Anna Eufricina A. Gasco 3. Feana Sofia M. Teves	Oriental Mindoro National High School	IV-B	Jobelle G. Fajardo Grazielle Elaine O. Hermilao

Three Best Projects: Robotics and Intelligent Machines Individual				
Title of the Research Project	**Proponent**	**School**	**Region**	**Coach/es**
Serial Crystallography-Optimized Sample Preparation with MYELIn: Novel Homogeneous Protein Microcrystal Yield Density Control via Sequential Pulsed Electric Fields and Ultrasonic Irradiation	1. Charly David T. Manuel	Alaminos City National High School	I	Kris Christopher C. Dela Cruz
LIWANAG: Localized Inspection for Widespread Analysis of Neuropathy and Assessment of the Foot for Guidance	1. Ralph Zantino M. Bawa	Muntinlupa National High School	NCR	Princess C. La Rosa
KARTHOS: An AI-Integrated Robotic Assistant for Early Breast Cancer Detection via Mammogram Classification, Heatmap Segmentation, and Guided Self-Examination	1. Margareth J. Ac-Ac	Sumaliring High School	NIR	Aiza M. Abingayan
Best Presenter: Robotics and Intelligent Machines Individual				
RAVEN: Robot for Aerial Vigilance in Emergency Navigation A Low-Cost Aerial Robotics System for Disaster Response	1. Vrienn Ezrah Karl Viernes	Nueva Vizcaya General Comprehensive High School	II	Monico C. Veloso John Paul D. Purigay
Best Project Poster Display: Robotics and Intelligent Machines Individual				
Serial Crystallography-Optimized Sample Preparation with MYELIn: Novel Homogeneous Protein Microcrystal Yield Density Control via Sequential Pulsed Electric Fields and Ultrasonic Irradiation	1. Charly David T. Manuel	Alaminos City National High School	I	Kris Christopher C. Dela Cruz

Three Best Projects: Robotics and Intelligent Machines Team				
Title of the Research Project	**Proponent**	**School**	**Region**	**Coach/es**
WIVAI: Web-Based Information Verifier Assisted with Artificial Intelligence	1. Turiano C. De Ramos IV 2. Kient Jharred S. Obeña 3. Krisma Beatrice A. Plasuelo	Luis Palad Integrated High School	IV-A	Margaret Elaine E. Calvendra
ViSMo: An AI-Integrated Vital Status Monitoring Robot with IoT for Intensive Home-Based Care, Solitary Individuals	1. Jose Rafael O. Cayabyab 2. Cassandra Aubrey C. Lipango 3. Eirah Gabrielle A. Riduca	Quezon City Science High School	NCR	Genevieve C. Vasquez
MIRA: Motor Impairment Rehabilitation Assistance Post-Stroke Unilateral Deficit Assessment Using Convolutional Neural Network and Temporal Convolutional Network with In Silico Functional Electrical Stimulation	1. Matthew A. Sardeng 2. Reatriz D. Escarro	Angeles City Science High School	III	Lolita G. Bautista
Best Presenter: Robotics and Intelligent Machines Team				
MIRA: Motor Impairment Rehabilitation Assistance Post-Stroke Unilateral Deficit Assessment Using Convolutional Neural Network and Temporal Convolutional Network with In Silico Functional Electrical Stimulation	1. Matthew A. Sardeng 2. Reatriz D. Escarro	Angeles City Science High School	III	Lolita G. Bautista

Best Project Poster Display: Robotics and Intelligent Machines Team				
MIRA: Motor Impairment Rehabilitation Assistance Post-Stroke Unilateral Deficit Assessment Using Convolutional Neural Network and Temporal Convolutional Network with In Silico Functional Electrical Stimulation	1. Matthew A. Sardeng 2. Reatriz D. Escarro	Angeles City Science High School	III	Lolita G. Bautista

Three Best Projects: Mathematics and Computational Science Individual				
Title of the Research Project	**Proponent**	**School**	**Region**	**Coach/es**
Sphere Packing in Concentric Shells (Spics): A Mathematical Investigation of Inscribed Packing Uniformity and Efficiency	1. Audric Keane D. Besa	Capiz National High School	VI	Christian Dave A. Balasa Ian Carl V. Jano
In Silico Novel Drug Discovery of Glycyrrhiza glabra-Derived Bioactive Compounds Targeting Rabies Virus N-Protein (PDB ID: 2GTT) via Molecular Docking and ADMET Profiling	1. Rolando L. Napuecas, Jr.	Sta. Cruz National High School	XI	Shamile Josephine A. Arriesgado
Novel Z-Cell Pore-Engineered Nanocarriers: Geometric Modeling and Spatiotemporal Computation via a Hybrid White–Gray Box Physics-Informed Neural Network and Finite Element Simulation for Optimized Drug Delivery of Doxorubicin	1. Althea A. Ramos	Angeles City Science High School	III	Lolita G. Bautista
Best Presenter: Mathematics and Computational Science Individual				
Novel Z-Cell Pore-Engineered Nanocarriers: Geometric Modeling and Spatiotemporal	1. Althea A. Ramos	Angeles City Science High School	III	Lolita G. Bautista

Computation via a Hybrid White–Gray Box Physics-Informed Neural Network and Finite Element Simulation for Optimized Drug Delivery of Doxorubicin				
Best Project Poster Display: Mathematics and Computational Science Individual				
Novel Z-Cell Pore-Engineered Nanocarriers: Geometric Modeling and Spatiotemporal Computation via a Hybrid White–Gray Box Physics-Informed Neural Network and Finite Element Simulation for Optimized Drug Delivery of Doxorubicin	1. Althea A. Ramos	Angeles City Science High School	III	Lolita G. Bautista

Three Best Projects: Mathematics and Computational Science Team				
Title of the Research Project	**Proponent**	**School**	**Region**	**Coach/es**
Phytocrypt: Bio-Inspired Cryptographic Software Derived from Leaf Vein Patterns to Detect Blockchain Tamperin	1. Maezzelle Grace C. Delmo 2. Michael Geronimo V. Flores 3. Julienne Dominique A. Villanueva	Iloilo National High School	VI	Julio J. Villalon
Modelling the Ecological Dynamics Between the Coconut Scale Insect (*Aspidiotus rigidus*) Infestation on Coconut Trees (*Cocos nucifera*) with *Comperiella calauanica* as the Biological Control	1. Jahna Bhec T. Lauz 2. Allen Laurence C. Lambert, 3. Lady Nikki Beatrice M. Dongon	Baybay City Senior High School	VIII	Rey Ian O. Pelaez & Crisanto L. Abas

Investigating the Heat Diffusion on Fractal Geometry of Sierpiński Carpet	1. Juliana Ysabel A. Baun 2. Arianne May G. Obungen 3. Samuel Gabriel P. Vasquez	City of Mandaluyong Science High School	NCR	John Francis S. Cultura
Best Presenter: Mathematics and Computational Science Team				
Investigating the Heat Diffusion on Fractal Geometry of Sierpiński Carpet	1. Juliana Ysabel A. Baun 2. Arianne May G. Obungen 3. Samuel Gabriel P. Vasquez	City of Mandaluyong Science High School	NCR	John Francis S. Cultura
Best Project Poster Display: Mathematics and Computational Science Team				
QSAR Theoretical Modeling, Pharmacokinetics Profiling and Molecular-Quantum Dynamics Analysis of Premna odorata (Alagaw) Bioactive Compounds for SmDHODH Inhibition: A Comprehensive and Hierarchical Bio-Computational Analysis through In-Silico Screening for Ligand-Based Drug Designing of Plant-Derived Anti-Schistosoma Agents	1. Roan Lance F. Reyes 2. Marco Antonio Y. Contiangco 3. Nate Evan Sevdaz A. Pascua	Bansud National High School - RSHS for MIMAROPA	IV-B	Alexis C. Albo Minruel P. Moral

Three Best Projects: STEM Innovation Expo Individual				
Title of the Research Project	**Proponent**	**School**	**Region**	**Coach/es**
MarkIt: A Fair Marketplace Application for Agri-Fishers	1. Zachary Paul R. Rapis	Dolores National High School	VIII	Marvin S. Evardone
BONES: Biomedical Orthopedic Novel Emergency Splint	1. Ma. Hannah Vie T. Espinosa	Siquijor Provincial Science High School	NIR	Anthoniette O. Gica
Project Abiso: Flood Warning and Monitoring System for Pulangui River Valencia City Bukidnon	1. Xandre Yosef S. Gaan	Valencia National High School	X	Jess D. Tamagos
Best Presenter: STEM Innovation Expo Individual				
Project Abiso: Flood Warning and Monitoring System for Pulangui River Valencia City Bukidnon	1. Xandre Yosef S. Gaan	Valencia National High School	X	Jess D. Tamagos
Best Project Poster Display: STEM Innovation Expo Individual				
KATMOGEL Katmon (Dillenia philippinensis) Leaf Extract-Infused Cryogel Scaffolds for Enhanced Wound Healing and Hemostatic Performance	1. Vernice Aizen M. Ulayao	Bansud National High School Regional Science High School for MIMAROPA	IV-B	Armi Marianne L. Carpio Arvin G. Gutierrez Harvey Jean L. Tabernero

Three Best Projects: STEM Innovation Expo Team				
Title of the Research Project	**Proponent**	**School**	**Region**	**Coach/es**
Development and Evaluation of I-RESUREC: An Arduino-Based Automated CPR Device with Integrated Pulse Oximeter for Emergency Resuscitation	1. Ma. Leema M. Buenaventura 2. Charles Andrei V. Dizon 3. Xyreen G. Samson	Regional Science High School III	III	Zaldy Jose M. Lazara Jr.
GULUGOD: Pose Projection for Automated Scoliosis Classification and Cobb Angle Quantification Using Machine Learning Algorithm	1. Joeriette C. Coquial 2. Eds Johan C. Maycacayan 3. Jelaine P. Orain	Rizal National science High School	IV-A	Marlon P. Sta. Catalina
BREATHE: A Smart Photocatalytic Air Purifier for Volatile Organic Compounds Degradation Using Titanium Dioxide-Activated Carbon (TiO_2-AC) Composite with Carbon Dioxide to Oxygen Conversion via *Arthrospira platensis* Bioreactor	1. Shaia Gabriel M. Meras 2. Leena L. Napoles 3. Samuel Q. Tan	City of Mandaluyong Science High School	NCR	Crizel J. Peligrino
Best Presenter: STEM Innovation Expo Team				
BREATHE: A Smart Photocatalytic Air Purifier for Volatile Organic Compounds Degradation Using Titanium Dioxide-Activated Carbon (TiO_2-AC) Composite with Carbon Dioxide to Oxygen Conversion via *Arthrospira platensis* Bioreactor	1. Shaia Gabriel M. Meras 2. Leena L. Napoles 3. Samuel Q. Tan	City of Mandaluyong Science High School	NCR	Crizel J. Peligrino
Best Project Poster Display: STEM Innovation Expo Team				
GULUGOD: Pose Projection for Automated Scoliosis Classification and Cobb Angle	1. Joeriette C. Coquial	Rizal National science High School	IV-A	Marlon P. Sta. Catalina

Quantification Using Machine Learning Algorithm	2. Eds Johan C. Maycacayan 3. Jelaine P. Orain			

ANNEX B: MEMBERS OF THE PHILIPPINE DELEGATION FOR REGENERON ISEF

MEMBERS OF THE PHILIPPINE DELEGATION FOR REGENERON ISEF **May 9 -15, 2026** Phoenix, Arizona USA			
Title of the Research Project	**Proponent**	**School**	**Region**
Biogenic Synthesis of *Averrhoa bilimbi L.* (Kamias) Flower Silver Nanoparticles and Their Mechanistic Induction of Apoptosis in HepG2 Cell Line: An Integrated In Silico and In Vitro Study	1. **Eureka Heragrace A. Tuya**	Labangal National High School	XII
Biogenic Hydroxyapatite From *Batissa violacea* Shells For Hap/Carboxymethyl Cellulose/ Polyvinyl Alcohol Hydrogel As Potential Bone Extracellular Matrix-Mimicking Infill In Biodegradable 3d-Printed Polylactic Acid/Hap Scaffolds	2. **John Carlo G. Mayormita** 3. **Jan Izel L. Bacuyag** 4. **Angelica Mae F. Berenguel**	Lal-lo National High School	II
ILLUMINA: Interface-Engineered Lignin Luminescent UV-Responsive Multijunction Integrated Nodal Anode Derived from Coconut (Cocos nucifera) Husk Chromophores Based on SnO_2/g-C_3N_4 for Photon Conversion and Charge Transport	5. **Marc Fritzter V. Tamayo**	Bansud National High School - RSHS for MIMAROPA	IV-B

WinDTurbine Power: A Novel Hybrid Dimple-Tubercle Blade Configuration Integrating Physics-Informed Gaussian Process (PIGP) for Power Coefficient (Cp) Optimization	6. **Nathan Andrew P. Canilao** 7. **Pierre Phoella G. Ilagan** 8. **Asher John S. Garcia**	Angeles City Science High School	III
Serial Crystallography-Optimized Sample Preparation with MYELIn: Novel Homogeneous Protein Microcrystal Yield Density Control via Sequential Pulsed Electric Fields and Ultrasonic Irradiation	9. **Charly David T. Manuel**	Alaminos City National High School	I
KARTHOS: An AI-Integrated Robotic Assistant for Early Breast Cancer Detection via Mammogram Classification, Heatmap Segmentation, and Guided Self-Examination	10. **Margareth J. Ac-Ac**	Sumaliring High School	NIR
ViSMo: An AI-Integrated Vital Status Monitoring Robot with IoT for Intensive Home-Based Care, Solitary Individuals	11. **Jose Rafael O. Cayabyab** 12. **Cassandra Aubrey C. Lipango** 13. **Eirah Gabrielle A. Riduca**	Quezon City Science High School	NCR
Modelling the Ecological Dynamics Between the Coconut Scale Insect (*Aspidiotus rigidus*) Infestation on Coconut Trees (*Cocos nucifera*) with *Comperiella calauanica* as the Biological Control	14. **Jahna Bhec T. Lauz** 15. **Allen Laurence C. Lambert** 16. **Lady Nikki Beatrice M. Dongon**	Baybay City Senior High School	VIII

ANNEX C

ACCEPTANCE/CONFORME

Subject: Expert Mentoring Session of the Candidates for the Regeneron ISEF 2026 and Participation in the Regeneron International Science and Engineering Fair (ISEF) in Phoenix, Arizona, USA on May 9-15, 2026.

The undersigned will ...

(Please tick the appropriate box.)

☐ attend the online and in-person expert mentoring sessions.

☐ participate in the Regeneron ISEF to be held in Phoenix, Arizona, USA on May 9-15, 2026

☐ not be able to attend all activities.

Name and signature of student-participant: _____

Grade level: _____

Date: _____

Name and signature of parent: _____

Relationship: _____

Date: _____

Annex D: Regional, Division, and School Officials of the Regeneron ISEF Finalists

ISEF Finalists	Region	SDO	School	Regional Director	Regional Supervisor	Division Supervisor	School Head	Coach/es
1. Eureka Heragrace A. Tuya	XII	General Santos City	Labangal National High School	Dr. Carlito D. Rocafort, CESO III	Dantly S. Villanueva	Edilbert A. Reyes	Mylene S. Arzadon	Sheryl Rose Joy R. Leysa
2. John Carlo G. Mayormita 3. Jan Izel L. Bacuyag 4. Angelica Mae F. Berenguel	II	Cagayan	Lal-lo National High School	Benjamin D. Paragas PhD, CESO III	Juvenal B. Agustin	Gerry C. Goze	Cristina B. Rosales	Frazcel P. Serna
5. Marc Fritzter V. Tamayo	IV-B	Oriental Mindoro	Bansud National High School - RSHS for MIMAROPA	RONNIE S. MALLARI, PhD, CESO III	John S. Eviota	Clarita G. Villaruel	Gregorio A. Amparo, EdD	Lorie E. Malaluan
6. Nathan Andrew P. Canilao 7. Pierre Phoella G. Ilagan 8. Asher John S. Garcia	III	Angeles City	Angeles City Science High School	Tolentino G. Aquino	Jose Carlo L. Tongol	Gemima A. Estrabillo	Marjorie D. Lacson	Lolita G. Bautista

9. Charly David T. Manuel	I	Alaminos City	Alaminos City National High School	Estela L. Carino	Jimmie C. Eslabra	Cynthia B. Tablang	Rey B. Pascua	Kris Christopher C. Dela Cruz
10. Margareth J. Ac-Ac	NIR	Negros Oriental	Sumaliring High School	Dr. Ramir B. Uytico, CESO III	Ma. Melanie P. ROMERO,PhD	Arnold R. Jungco	Reynaldo G. Silva	Aiza M. Abingayan
11. Jose Rafael O. Cayabyab 12. Cassandra Aubrey C. Lipango 13. Eirah Gabrielle A. Riduca	NCR	Quezon City	Quezon City Science High School	Jocelyn DR Andaya	Don King Evangelista	Maria Pilar O. Capalongan	George Emmanuel Martin	Genevieve C. Vasquez
14. Jahna Bhec T. Lauz 15. Allen Laurence C. Lambert 16. Lady Nikki Beatrice M. Dongon	VIII	Baybay City	Baybay City Senior High School	Salustiano T. Jimenez	Glendale Lamiseria	Beth Catherine M. Dongon	Grecelda A. Montalban	Rey Ian O. Pelaez & Crisanto L. Abas

Annex E.1: GUIDELINES ON THE UTILIZATION OF DOWNLOADED SUBSIDY FOR THE STUDENT-PARTICIPANTS TO THE REGENERON INTERNATIONAL SCIENCE AND ENGINEERING FAIR (ISEF) 2026

1. The Department of Education (DepEd), through the Bureau of Curriculum Development – Curriculum Standards Development Division (BCD-CSDD), shall provide subsidy with a total amount of **Two Million Eight Hundred Sixteen Thousand Two Hundred Pesos (₱2,816,200.00)** to the following Schools Division Offices (SDO): SDO Alaminos City, SDO Oriental Mindoro, SDO – General Santos City, SDO - Negros Oriental, SDO - Angeles City, SDO – Baybay City, SDO - Cagayan and SDO - Quezon City. The subsidy is for the students participating in the Regeneron International Science and Engineering Fair. The detailed allocation for each region is provided in *Annex E.2.*

2. The amount to be downloaded shall be charged against the Fiscal Year 2026 Basic Education Curriculum Funds. The subsidy to SDOs are for:
    a. incidental expenses;
    b. board and lodging in Phoenix, Arizona, USA;
    c. transportation (airport to hotel transfers and daily transportation from hotel to venue and vice versa);
    d. meal expenses; and
    e. travel expenses upon arrival at Ninoy Aquino International Airport (NAIA) to home region.

3. The use of funds shall be in accordance with existing budgeting accounting, auditing, and procurement laws, rules, and regulations.

4. Any excess funds in the allocated budget may be used for other Regeneron ISEF-related expenses. For this purpose, "related expenses" shall refer to those that contribute to a common particular outcome aligned with the objective of this issuance.

5. In the event that the downloaded funds are insufficient to cover the expenses for Regeneron ISEF-related activities, available local funds or other alternative sources of funding may be utilized, following the existing budgeting, accounting, auditing, and procurement laws, rules, and regulations.

6. A financial report detailing the utilization of downloaded funds, signed by the Schools Division Superintendent, must be submitted to the Bureau of Curriculum Development (BCD) through email bcd.od@deped.gov.ph no later than December 10, 2026. The report must include the breakdown of expenses and the number of student and/or teacher beneficiaries who received the subsidy.

Annex E.2: Detailed Allocation per Region

Region/SDO	Travel from Permanent Station to Manila vice versa (visa interview - Student Finalists with 1 Adult Companion	Board and Lodging (Phoenix, Arizona, USA)	Airport Transportation to and from Hotel	Meal and Daily Transportation Expenses	"DEPARTURE FROM ISEF - ARRIVAL TO MANILA Travel Expenses of Students-Finalists /Participants (NAIA to Permanent Station)"	Total
I SDO - Alaminos City	• 1 Student Finalist • 1 Adult Companion **Total = P 15,000.00**	• 1 Student Finalists **Total = P 76,500.00**	• 1 Student Finalist **Total = P 1,562.50**	• 1 Student Finalist **Total = P 67,950.00**	• 1 Student Finalist • 1 Adult Companion **Total = P 15,000.00**	**Total = P 176,012.50**
XII SDO – General Santos City	• 1 Student Finalist • 1 Adult Companion **Total = P 15,000.00**	• 1 Student Finalists **Total = P 76,500.00**	• 1 Student Finalist **Total =** • **P 1,562.50**	• 1 Student Finalist **Total = P 67,950.00**	• 1 Student Finalist • 1 Adult Companion **Total = P 15,000.00**	**Total = P 176,012.50**
IV-B SDO – Oriental Mindoro	• 1 Student Finalist • 1 Adult Companion **Total = P 15,000.00**	• 1 Student Finalists **Total = P 76,500.00**	• 1 Student Finalist **Total =** • **P 1,562.50**	• 1 Student Finalist **Total = P 67,950.00**	• 1 Student Finalist • 1 Adult Companion **Total = P 15,000.00**	**Total = P 176,012.50**

NIR SDO – Negros Oriental	• 1 Student Finalist • 1 Adult Companion **Total = P 15,000.00**	• 1 Student Finalists **Total = P 76,500.00**	• 1 Student Finalist **Total =** • **P 1,562.50**	• 1 Student Finalist **Total = P 67,950.00**	• 1 Student Finalist • 1 Adult Companion **Total = P 15,000.00**	**Total = P 176,012.50**
III SDO – Angeles City	• 3 Student Finalists • 1 Adult Companion **Total = P 45,000.00**	• 3 Student Finalists **Total = P 229,500.00**	• 3 Student Finalists **Total = P 4,687.50**	• 3 Student Finalists **Total = P 203,850.00**	• 3 Student Finalists • 1 Adult Companion **Total = P 45,000.00**	**Total = P 528,037.50**
NCR SDO – Quezon City	• 3 Student Finalists • 1 Adult Companion **Total = P 45,000.00**	• 3 Student Finalists **Total = P 229,500.00**	• 3 Student Finalists **Total = P 4,687.50**	• 3 Student Finalists **Total = P 203,850.00**	• 3 Student Finalists • 1 Adult Companion **Total = P 45,000.00**	**Total = P 528,037.50**
VIII SDO – Baybay City	• 3 Student Finalists • 1 Adult Companion **Total = P 45,000.00**	• 3 Student Finalists **Total = P 229,500.00**	• 3 Student Finalists **Total = P 4,687.50**	• 3 Student Finalists **Total = P 203,850.00**	• 3 Student Finalists • 1 Adult Companion **Total = P 45,000.00**	**Total = P 528,037.50**

II SDO - Cagayan	• 3 Student Finalists • 1 Adult Companion **Total = P 45,000.00**	• 3 Student Finalists **Total = P 229,500.00**	• 3 Student Finalists **Total = P 4,687.50**	• 3 Student Finalists **Total = P 203,850.00**	• 3 Student Finalists • 1 Adult Companion **Total = P 45,000.00**	**Total = P 528,037.50**
						Total P 2,816,200.00

Annex F: Acceptance Slip for the Downloading of Subsidy for the Regeneron ISEF

ACCEPTANCE SLIP

Subject: **Downloading of Funds to the Schools Division Office** _____

This Office hereby:

( ) accepts the request for the downloading of subsidy for the finalists to the Regeneron ISEF;
( ) denies the request due to: _____

Signature:_____

Printed Name:_____

Designation:_____