



Republic of the Philippines
Department of Education
NEGROS ISLAND REGION

REGIONAL MEMORANDUM
No. 690, s. 2026

JUL 07 2026

**REGENERON INTERNATIONAL SCIENCE AND ENGINEERING FAIR 2026
WINNERS AND FINALISTS**

To: Schools Division Superintendent of Negros Oriental
All Others Concerned

1. Attached is DepEd Memorandum No. OM-LS-2026_252 titled Regeneron International Science and Engineering Fair 2026 Winners and Finalists.
2. Immediate dissemination of this Memorandum is 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

MMPR/CLMD-RM-2026 Regeneron International Science and Engineering Fair 2026 Winners and Finalist
000/July 6, 2026



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

MEMORANDUM
OM-LS-2026-252

TO : REGIONAL DIRECTORS
MINISTER, MBHTE-BARMM

FROM : *Carmela C. Oracion*
CARMELA C. ORACION
Undersecretary for Learning Systems

SUBJECT : REGENERON INTERNATIONAL SCIENCE AND
ENGINEERING FAIR 2026 WINNERS AND FINALISTS

DATE : June 16, 2026

The Department of Education (DepEd), through the Learning Systems (LS) Strand, warmly congratulates the following finalists and winners of the Regeneron International Science and Engineering Fair (ISEF) 2026 for their outstanding achievement and exemplary representation of the Philippines at the competition held in Phoenix, Arizona, USA, from May 9 -15, 2026.

WINNERS AT THE REGENERON ISEF					
Name of Learners	Project Title	Region	School	Adviser	Award
1. Nathan Andrew P. Canilao 2. Pierre Phoella G. Ilagan 3. Asher John G. Garcia	WinDTurbine Power: A Novel Hybrid Dimple- Tubercle Blade Configuration Integrating Physics- Informed Gaussian Process (PIGP) for Power Coefficient (Cp) Optimization	III	Angeles City Science High School	Lolita G. Bautista	• Third Prize: special award for Excellence in Energy and Environmental Stewardship • 2nd Grand Award
1. Jose Rafael O. Cayabyab 2. Cassandra Aubrey C. Lipango 3. Eirah Gabrielle A. Riduca	ViSMo: An AI- Integrated Vital Status Monitoring Robot with IoT for Intensive Home-Based Care, Solitary Individuals	NCR	Quezon City Science High School	Genevieve C. Vasquez	• Arizona State University - Scholarship Award • Society for Science

					Alumni Award 3rd Grand Award for Software Design Category
1. Charly David T. Manuel	Serial Crystallography -Optimized Sample Preparation with MYELIn: Novel Homogeneous Protein Microcrystal Yield Density Control via Sequential Pulsed Electric Fields and Ultrasonic Irradiation	I	Alaminos City National High School	Kris Christopher C. Delacruz	Patent and Trademark Office Society (First Prize Award)

FINALISTS AT THE REGENERON ISEF				
Proponent	Title of the Research Project	Region	School	Adviser
1. Eureka Heragrace A. Tuya	Biogenic Synthesis of <i>Averrhoa bilimbi</i> L. (Kamias) Flower Silver Nanoparticles and Their Mechanistic Induction of Apoptosis in HepG2 Cell Line: An Integrated In Silico and In Vitro Study	XII	Labangal National High School	Sheryl Rose Joy R. Leysa
2. John Carlo G. Mayormita 3. Jan Izel L. Bacuyag 4. Angelica Mae F. Berenguel	Biogenic Hydroxyapatite From <i>Batissa violacea</i> Shells For Hap/Carboxymethyl Cellulose/ Polyvinyl Alcohol Hydrogel As Potential Bone Extracellular Matrix-Mimicking Infill In Biodegradable 3d-Printed Polylactic Acid/Hap Scaffolds	II	Lal-lo National High School	Frazcel P. Serna
5. Marc Fritzter V. Tamayo	ILLUMINA: Interface-Engineered Lignin	IV-B	Bansud National	Lorie E. Malaluan

	Luminescent UV-Responsive Multijunction Integrated Nodal Anode Derived from Coconut (<i>Cocos nucifera</i>) Husk Chromophores Based on $\text{SnO}_2/\text{g-C}_3\text{N}_4$ for Photon Conversion and Charge Transport		High School - RSHS for MIMAROPA	
6. Margareth J. Ac-Ac	KARTHOS: An AI-Integrated Robotic Assistant for Early Breast Cancer Detection via Mammogram Classification, Heatmap Segmentation, and Guided Self-Examination	NIR	Sumaliring High School	Aiza M. Abingayan
7. Jahna Bhec T. Lauz 8. Allen Laurence C. Lambert 9. Lady Nikki Beatrice M. Dongon	Modelling the Ecological Dynamics Between the Coconut Scale Insect (<i>Aspidiotus rigidus</i>) Infestation on Coconut Trees (<i>Cocos nucifera</i>) with <i>Comperiella calauanica</i> as the Biological Control	VIII	Baybay City Senior High School	Rey Ian O. Pelaez & Crisanto L. Abas

The Department recognizes the invaluable contributions of the learners, their coaches, mentors, parents, and schools for this remarkable accomplishment. This success reflects the excellence and global competitiveness of Filipino learners and serves as an inspiration to the broader education community.

Copy furnished:
MALCOLM S. GARMA
 Undersecretary for Operations