




Republic of the Philippines
Department of Education
NATIONAL CAPITAL REGION



REGIONAL MEMORANDUM

No. 561 s. 2025

TO : SCHOOLS DIVISION SUPERINTENDENTS

FROM : JOCELYN DR ANDAYA 
Regional Director, NCR
Concurrent Officer-in-Charge
Office of the Assistant Secretary for Operations

SUBJECT : WINNERS IN THE REGENERON INTERNATIONAL SCIENCE AND ENGINEERING FAIR (ISEF) 2025

DATE : June 27, 2025

1. This is in reference to the attached memorandum dated May 30,2025, from Gina O. Gonong, Undersecretary for Curriculum and Teaching, regarding the above-captioned subject for your information and appropriate action
2. Immediate dissemination of this Memorandum is desired.



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Republic of the Philippines
Department of Education

OFFICE OF THE UNDERSECRETARY FOR CURRICULUM AND TEACHING

MEMORANDUM

DM-CT-2025 182

TO : REGIONAL DIRECTORS
MINISTER, MBHTE-BARMM

FROM : 
GINA O. GONGONG
Undersecretary for Curriculum and Teaching

SUBJECT : WINNERS IN THE REGENERON INTERNATIONAL SCIENCE
AND ENGINEERING FAIR (ISEF) 2025

DATE : May 30, 2025

The Department of Education (DepEd), through the Curriculum and Teaching (CT) Strand, expresses its warmest congratulations to the finalists and winners in the Regeneron International Science and Engineering Fair (ISEF) 2025, held in Columbus Ohio, USA, from May 10 -16, 2025.

Award	Project Title	Region	School	Learner/s	Adviser
Qatar Research Development and Innovation Council Special Award	EDAD: Early Diagnosis of Alzheimer's Disease Utilizing Low-Cost Plasma Peptide Extraction, Atmospheric Pressure Mass Spectrometer, and Support Vector Machine-Based Classification of Amyloid-beta Species	I	Alaminos City National High School	Charly David T. Manuel Rey Alfred S. Quiam Klein Gunneries R. Bubos	Kris Christopher C. Dela Cruz
Mary Kay Inc. Special Award	SKIMP: Artificial Intelligence-Convolutional Neural Network (CNN) Portable Skin Cancer Detection Device with Skin Cancer Notifier Python-Based Program	VII	Sumaliring High School	Margareth J. Ac-Ac	Cherish Mae M. Abingayan



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Award	Project Title	Region	School	Learner/s	Adviser
Finalist	Neuroprotective Potential of Premna odorata (Alagau) Leaf Extract Against Alzheimer's Disease Using Deltamethrin—Induced Neurotoxicity in Drosophila melanogaster (Fruit Fly): In Silico and In Vivo Analyses	IV-B	Bansud National High School	Earl Johven C. Luna	Mischelle F. Puntod
Finalist	KISLAP PILIPINAS: Kinetic In situ Characterization of Reinforced Composite Assembly of Cathode and Anode Materials Derived from Musa textilis (Abaca) Fibers and Carbonized Perna viridis (Green Mussel Shells) as Potential Integrated Layers Ion Electrode Plugged-in Coin-Cell-based Battery for Energy Application Storage	IV-B	Bansud National High School	Marc Fritzer V. Tamayo	Lorie E. Malaluan
Finalist	Project SEAS: Smart Environmental Awareness System via Buoy Monitoring for Marine Sanctuaries	IV-B	Leuteboro National High School	Trisha Kaye F. Mesana	Aldrin D. Magtibay
Finalist	Geometric Investigation of Quasicrystals: Analyzing	NCR	Valenzuela City School of Mathematics and Science	Kyle Anthony J. Roberto	Dioscorro III G. Lumogdang



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Award	Project Title	Region	School	Learner/s	Adviser
	Diffraction Patterns with de Bruijn's Multigrid Lattices				
Finalists	Spheres Inscribed Within a Ring Torus	VIII	Ormoc City Senior High School	Dave Matthew C. Alcaarez Alex Huan Karl A. Ascura Benedicto R. Lambonao, III	Ramil L. Lauron
Finalists	MAPS: Mangrove Analytics and Prediction System	V	Jose Panganiban National High School	Edric V. Magana Mark Niño S. Asis Jaycil Robert R. Sta. Rosa	Ronalyn Gitomo Opeda Joey M. Arquero

Immediate dissemination of this Memorandum is desired.

Copy furnished:
MALCOLM S. GARMA
Assistant Secretary
Officer-in-Charge, Office of the Undersecretary for Operations