

### EMERGING INTER DISCIPLINARY RESEARCH (EIDR) PROGRAM

(Data as of 29 April 2026)

Cnt.	Program Title	Name of Proponent	CU	College	Beneficiaries	Funding Source	Duration (Years)	Start	End	Status	Total Program Budget	Publications
1	Targeting Microbial Pathogens using Specialized Strategies and Bioactive Molecules of Shipworm Symbionts	Salvador-Reyes, Lilibeth	UPD	CS	researchers, students, academe	Reprogrammed Funds	3	2019	2021; with approved extension until 2022	Ongoing	19,900,552.00	
2	Biodiscovery of Marine Bioproducts: Brown Seaweeds as Potential Feed Ingredient for Animal Nutrition	Nazareno, Patricia Anne	UPCebu	CS	researchers, students, academe	Reprogrammed Funds	2	2020	2022	Ongoing	4,320,860.80	
3	Application of molecular genetics and otolith as tools for fisheries management	Babaran, Ricardo	UPV	CFOS	researchers, students, academe	Reprogrammed Funds	2	2020	2022	Ongoing	18,237,903.20	
4	Highly Luminescent N-doped Carbon Quantum Dots from Fishery Waste Materials for Potential Applications in Photocatalytic Degradation of Selected Dyes	Ponce, Concepcion	UPV	CS	researchers, students, academe	Reprogrammed Funds	2	2020	2022	Ongoing	4,491,880.00	
5	Cinema for Education: Rationalizing the Philippine Audio-visual industry to promote inclusive education tythrough film literacy	Deocampo, Nicolas	UPD	FI	researchers, students, academe	Reprogrammed Funds	2	2020	2022	Ongoing	11,500,062.00	
6	Digital Development, Printing on Demand and i-Distribution of "SORA" the Graphic Novel of the life of Melchora Aquino: A Perception Study of our Nation's History, Culture, Struggle for Independence and Identity of Filipino Women in the Open Distance eLearning Framework	Alfonso, Grace	UPOU	FICS	researchers, students, academe	Reprogrammed Funds	2	2020	2022	Ongoing	9,185,749.00	
7	Blending of Multimedia Approach and Satoyama-Satoumi Principles for Building Climate Smart Communities	Bagarinao, Ricardo	UPOU	FEd	researchers, students, academe, LGU sites	Reprogrammed Funds	2	2021	2023	Ongoing	11,219,404.00	
8	ElectriPHI: Systematic, Multi-disciplinary, and Data-driven Electrification Planning in Off-Grid Islands in the Philippines	Ocon, Joey D.	UPD	CoE	researchers, students, academe	Reprogrammed Funds	2	2022	2024	Ended	6,892,584.00	
9	COVID-19 and the Well-being of Selected Remote Small Island Barangays in Northern Iloilo	Badayos-Jover, Mary Bar	UPV	CAS	researchers, students, academe	Reprogrammed Funds	2	2022	2024	Ongoing	5,647,506.00	
10	Development of a Filipinized Learning Management System	Ramos, Rita C.	UPOU	FMDS	researchers, students, academe	Reprogrammed Funds	2	2022	2024	Completed	4,324,508.40	Rita C. Ramos, Primo Garcia, Queenie Roxas-Ridulme, Ria Valerie Cabanes, Hanna May Rosario, Marie Karen Enrile and Ronaldo De Jesus. 2024. "The Internet is slow!": Building a Context-Oriented Learning Management System. International Journal of Evaluation and Research in Education (IJERE)  Ramos, R.C., Garcia, P., Roxas-Ridulme, Q., (...), Dolliente, C., Sandoval, A. 2024. Development of a Filipinized Learning Management System. SN Computer Science, 5(3), art. no. 275.
11	Promoting Well-Being in Secondary and Tertiary Schools: An Interdisciplinary Action Research Approach Supporting the Continuum of Care	Olegario, Lizamarie C.	UPD	Educ	researchers, students, academe	Reprogrammed Funds	2	2022	2024	Ongoing	7,188,545.20	

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12	University Partnership with Industries and Communities to Hone Innovation Participation	Sison, Luis G.	UPD	CoE	researchers, students, academe	Reprogrammed Funds	2	2022	2024	Ended	7,800,000.00	Ramirez, H.J.M., Guzman, R.S., Villar, R.B., (...), Sison, L.G., Monterola, S.L.C.2024. Probing Faculty Perspectives and Experiences for Framework Development of an Online University Industry-Government Collaboration Platform. Philippine Journal of Science, 153(2), pp. 549-562.
13	UP SIBOL Integrated Telemonitoring Advancement Working Group (SITAW)	Orillaza, Jr. Nathaniel S.	UPD	Med	researchers, students, academe	Reprogrammed Funds	2	2022	2024	Ended	7,789,969.60	
14	S.A.G.I.P: Social Activity Guardian and Intervention Project: Development of Mental Health Tools for Filipinos	Grepo-Jalao, Lorelie C.	UPD	CoE	researchers, students, academe	Reprogrammed Funds	2	2022	2024	Ended	6,939,925.60	
15	Whole Genome Sequencing of Selected Local Cyanobacterial Isolates for Mining of Genes for the Production of Bioactive Metabolites	Cao, Ernelea P.	UPD	CS	researchers, students, academe	Reprogrammed Funds	2	2022	2024	Ongoing	3,128,011.20	Untiveros, DPM, Sanchez, LRS, Cao, EP. 2023. Whole genome sequence analysis of the filamentous <i>Nodosilinea</i> sp. PGN35 isolated from a mining site in Tuba, Benguet, Philippines. <i>Frontiers in Ecology and Evolution</i> , 11, 1205557. <a href="https://doi.org/10.3389/fevo.2023.1205557">https://doi.org/10.3389/fevo.2023.1205557</a>  Sanchez, L.R.S., Untiveros, D.P.M., Tengco, M.T.T., Cao, E.P.2024. Genome assembly, characterization, and mining of biosynthetic gene clusters (BGCs) from <i>Chlorogloeopsis</i> sp. ULAP02 isolated from Mt. Ulap, Itogon, Benguet, Philippines. <i>Frontiers in Genetics</i> , 15, art. no. 1422274. (For submission of PL 9/25/24)
16	UPM Wise - University of the Philippines Manila Wellness Initiatives for Seniors and Elders	De la Vega, Shelley Ann F	UPM	Med	researchers, students, academe	Reprogrammed Funds	2	2022	2024	Ended	5,787,469.21	
17	Development of Active Food Packaging Based on Calamansi ( <i>Citrofortunella microcarpa</i> ) Crosslinked Cassava Starch/Nanocellulose/Halloysite Nanocomposite Film	Balela, Mary Donnabelle L	UPD	CAS	researchers, students, academe	Reprogrammed Funds	2	2022	2024	Ended	3,899,999.20	
18	Development of a Web-Based Related Learning Experience (RLE) Design as a Resource Activity Material	Ridulme, Queenie R.	UPOU	FMDS	researchers, students, academe	Reprogrammed Funds	2	2022	2024	Ended	3,865,737.60	
19	Development and Validation of Novel SSR (Simple Sequence Repeat) Markers for the Genetic Characterization of the Philippine Strawberry Germplasm Collection	Rey, Jessica D.	UPD	CS	researchers, students, academe	Reprogrammed Funds	2	2022	2024	Ended	3,543,515.20	

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20	SABA: Sustainability of Banana Wastes Upcycling and Utilization Across the Food Chain Value	Aberilla, Jhud Mikhail O.	UPD	CoE	researchers, students, academe	Reprogrammed Funds	2	2022	2024	Completed	3,336,726.40	Castillo, M., de Guzman, M.J.K., Aberilla, J.M. 2023. Environmental sustainability assessment of banana waste utilization into food packaging and liquid fertilizer. Sustainable Production and Consumption, Volume 37, Pages 356 - 368. DOI 10.1016/j.spc.2023.03.012
21	Evaluation of bisphenols on maternal urine and cord plasma samples of pregnant Filipino women, and the effect on epigenetic patterns and transcriptome	Saloma, Cynthia P.	UPD	CS	researchers, students, academe	Reprogrammed Funds	2	2022	2024	Ended	3,532,252.80	
22	Impact of Fermentation Technologies on the Biological Activities of Functional Foods and Ingredients from Selected Philippine Indigenous Fruits	Lizardo, Rona Camille M.	UPLB	CAFS	researchers, students, academe	Reprogrammed Funds	2	2022	2024	Ongoing	3,082,297.60	
23	Enhancement of the UP Pharmacology Bioavailability Unit: Development and Validation of an Ultra High Performance Liquid Chromatography Method for the Bioequivalence Study of Rifampicin	Estole-Casanova, Leonila	UPM	Med	researchers, students, academe	Reprogrammed Funds	2	2022	2024	Ongoing	1,921,543.20	
24	Clinical and molecular characterization of Filipino soft tissue sarcoma patients	Wang, Edward H.M.	UPM	Med	researchers, students, academe	Reprogrammed Funds	2	2022	2024	Ended	7,800,000.00	
25	Multi-omics Analyses Characterizing the Evolutionary Adaptation of the Endemic Philippine <i>S. tawilis</i> and the Development of Associated Education Materials	Angeles, Jorge Gil C.	UPLB	OVCRE	researchers, students, academe	Reprogrammed Funds	2	2022	2024	Ongoing	7,799,977.60	
26	Integrating early warning systems for community outbreaks using water-based epidemiology during and post-Covid-19 Pandemic	Padilla, Philip Ian P.	UPV	CAS	researchers, students, academe	Reprogrammed Funds	2	2022	2024	Ended	2,579,386.40	