

BalikPhD Recruitment Program

(Data as of 29 April 2026)

Cnt.	Project Title	Name of Proponent	CU	College	Beneficiaries	Funding Sources	Duration (Years)	Start	End	Status	Total Program Budget	Publications
1	Tracking agricultural lifestyles and ecosystem change in the Philippines during the Holocene using rodent communities	Herrera, Michael	UPD	ASP	researchers, students, academe	Reprogrammed Funds	3	2019	2021; with approved extension until 2022	Ended	2,500,000.00	
2	Co-occurrence and association of parasitic Amoebozoa (Syndiniales) with toxic dinoflagellates (Dinophyceae) in Philippine waters	Onda, Deo Florence	UPD	CS	researchers, students, academe	Reprogrammed Funds	3	2019	2021; with approved extension until 2022	Completed	2,500,000.00	Dela Peña L.B.R.O., Tejada A.J.P., Quijano J.B., Alonzo K.H., Gernato E.G., Caril A., Cruz M.A.M. D., Onda D.F.L. 2021. Diversity of marine eukaryotic picoplankton communities with emphasis on mamiellophyceae in northwestern Philippines. Philippine Journal of Science Onda D.F.L., Gomez N.C.F., Purganan D.J.E., Tolentino M.P.S., Bitalac J.M.S., Calpito J.V.M., Perez J.N.O., Viernes A.C.A. 2020. Marine microbes and plastic debris: Research status and opportunities in the Philippines. Philippine Journal of Science
3	Diversity, systematics, and molecular phylogeny of Philippine Dycyotales (Phaeophyceae, Ochrophyta)	Santiañez, Wilfred John	UPD	CS	researchers, students, academe	Reprogrammed Funds	2.5	2019	2021; with approved 6-month extension	Ended	2,500,000.00	Santiañez W.J.E., Wynne M.J. 2020. Establishment of <i>Mimica</i> gen. nov. To accommodate the anaxiferous species of the economically important red seaweed <i>Euclima</i> (Solieriaceae, Rhodophyta). Phytotaxa. 10.11646/PHYTOTAXA.439.2.8 Santiañez W.J.E., West J.A. 2019. New records of <i>rosenvingea</i> (Scytosiphonaceae, phaeophyceae) from the Philippines. Philippine Journal of Systematic Biology. 10.26757/pjsb2019a13001
4	Development of perfluoroalkyl substances criteria for the protection of freshwater aquatic life in the Philippines	Sevilla-Nastor, Janice	UPLB	SESAM	researchers, students, academe	Reprogrammed Funds	2	2020	2022	Ended	2,500,000.00	
5	Establishment of animal developmental biology laboratory for the assessment of the teratogenic and identification of teratogenic mechanism of different plant-derived products using histomolecular approach	Ipulan-Colet, Lerie	UPD	CS	researchers, students, academe	Reprogrammed Funds	3	2019	2021; with approved extension until 2022	Ended	2,500,000.00	
6	Guns for hire: functions of a minimal CRISPR-Cas variant in the mobility of a Tn7-like transposon in <i>Vibrio</i>	Dy, Ron Leonard V.	UPD	CS	researchers, students, academe	Reprogrammed Funds	2.5	2019	2021; with approved extension until 2022	Ended	2,500,000.00	
7	Tools and Methods in Establishing Lake Resource Vulnerability Index and Assessing Pollution Abatement Technologies towards a water quality improved Laguna Lake	Villanueva-Peyraube, Jessica	UPLB	SESAM	researchers, students, academe	Reprogrammed Funds	2	2020	2022	Ended	2,500,000.00	
8	Nutrient physiology of commercially important eucnematoids: two-phase cultivation strategy to optimize biomass and carrageenan yield and quality	Roleda, Michael Y.	UPD	CS	researchers, students, academe	Reprogrammed Funds	2	2020	2022	Completed	2,499,041.60	

BalikPhD Recruitment Program

(Data as of 29 April 2026)

Cnt.	Project Title	Name of Proponent	CU	College	Beneficiaries	Funding Sources	Duration (Years)	Start	End	Status	Total Program Budget	Publications
9	Photothermally active Copper Sulfide-Based Nanomaterials for Solar-Driven Water Treatment	Regulacio, Michelle	UPD	CS	researchers, students, academe	Reprogrammed Funds	2	2020	2022	Completed	2,500,000.00	Regulacio M.D., Nguyen D.-T., Horia R., Seh Z. W. 2021. Designing Nanostructured Metal Chalcogenides as Cathode Materials for Rechargeable Magnesium. Philippine Journal of Science Regulacio, M. D. Copper sulfide-based nanomaterials for photothermal applications in Photothermal Nanomaterials. (E. Ye and Z. Li, Eds). Royal Society of Chemistry, London. Regulacio, M.D., Heng, J.Z.X., Toh, Y., Tang, K. Y., Lin, M., Ye, E. Gram-Scale Production of Photothermally Active Tetrahedrite Nanoparticles for Solar-Driven Water Evaporation (2021) Chemistry - An Asian Journal. 10.1002/asia.202100894
10	Establishing a laboratory animal model system for coral bleaching using sea anemones for the study and development of molecular diagnostics that protect Philippine coral reefs from environmental pollutants	Young, Alexander	UPD	CS	researchers, students, academe	Reprogrammed Funds	2	2021	2023	Terminated	2,500,000.00	
11	Cost Effective Diagnostic Platform for Health and Well being Monitoring and Enhancement	Miroy, Greta	UPD	CS	researchers, students, academe	Reprogrammed Funds	2	2021	2023	Ended	2,500,000.00	
12	Human-Environmental Interaction Archaeological Remote Sensing and Geographic Information Systems Laboratory (Archaeo / RS-GIS Laboratory)	Canilao, Michael	UPD	CoE	researchers, students, academe	Reprogrammed Funds	2	2021	2023	Terminated	2,499,374.40	
13	Metallomics in coral-Symbiodiniaceae assemblages: Insights into role of metalloproteins in resilience of corals against bleaching	Rodriguez, Irene	UPD	CS	researchers, students, academe	Reprogrammed Funds	2	2022	2023	Ended	2,500,000.00	
14	Eco-friendly Organic Transformation Strategies for the Synthesis of High-Value Organic Compounds for Industrial Applications	Tamargo, Ramuel	UPD	CoE	researchers, students, academe	Reprogrammed Funds	2	2022	2023	Ended	2,499,797.60	
15	Effects of seaweed-derived biostimulants on the photosynthesis of carrageenophytes	Borlongan, Iris Ann	UPV	CFOS	researchers, students, academe	Reprogrammed Funds	2	2022	2024	Ended	2,499,374.40	
16	Breaking space-time crystals in an atom-cavity system	Cosme, Jayson G.	UPD	CS	researchers, students, academe	Reprogrammed Funds	2	2022	2024	Ended	2,500,000.00	Cosme, J.G., Skulte, J. & Mathey, L. 2023. Bridging closed and dissipative discrete time crystals in spin systems with infinite-range interactions. Physical Review B
17	Transcriptome Analysis Clarifies the Biosynthesis and Evolution of the Pigment Betalain in <i>Basella alba</i> (Order Caryophyllales)	Planta, Jose Ramon G.	UPD	CS	researchers, students, academe	Reprogrammed Funds	2	2022	2024 with approved extension until 2025	Ended	2,499,056.00	
18	Evaluating creativity and individual difference measures through multiple juried art and science competitions in Tagalog-speaking areas	Galang, Adrienne John	UPD	CSSP	researchers, students, academe	Reprogrammed Funds	2	2022	2024 with approved extension until 2026	Ongoing	2,500,000.00	
19	High Conservation Value Assessment of the Freshwater Fauna in the Jalaur River Basin, Iloilo, Philippines	Rizo, Eric Zeus C.	UPV	CAS	researchers, students, academe	Reprogrammed Funds	2	2022	2024 with approved extension until 2025	Ended	2,500,000.00	
20	Unraveling the hidden diversity of aquatic fungi from Panay Island, Philippines	Calabon, Mark S.	UPV	CAS	researchers, students, academe	Reprogrammed Funds	2	2023	2025	Ongoing	2,500,000.00	
21	Evolutionary dynamics of resistance gene mobility	Lee, Isaiah Paolo	UPD	CS	researchers, students, academe	Reprogrammed Funds	2	2023	2025	Ongoing	2,500,000.00	

BalikPhD Recruitment Program
(Data as of 29 April 2026)

Cnt.	Project Title	Name of Proponent	CU	College	Benefeciaries	Funding Sources	Duration (Years)	Start	End	Status	Total Program Budget	Publications
22	Investigation on mechanisms of mammalian urethral development using organ culture	Acebedo, Alvin	UPD	CS	researchers, students, academe	Reprogrammed Funds	2	2023	2025 with approved extension until 2026	Ongoing	2,500,000.00	
23	Carbon dioxide storage potential of Philippine ultramafic rocks: mineralogical and physical properties assessment	Guotana, Juan Miguel R.	UPLB	SESAM	researchers, students, academe	Reprogrammed Funds	2	2023	2025	Ended	2,500,000.00	
24	Quantum geometry in superconductors	Villegas, Kristian Hauser A.	UPD	CS	researchers, students, academe	Reprogrammed Funds	2	2023	2025	Ongoing	2,500,000.00	Villegas, KH. 2023. Theory of pseudospin resonance for multiband superconductors. 10.1103/PhysRevB.108.174504
25	Investigating Megatesla Magnetic Field Generation and Ion Acceleration (Megatesla Field Generation)	Zosa, Myles Allen H.	UPD	CS	researchers, students, academe	Reprogrammed Funds	2	2023	2025	Ended	2,500,000.00	
26	Dispersion and sediment degradation model of offshore aquaculture waste in the Philippines	Sumbing, Joemel G.	UPV	SOTECH	researchers, students, academe	Reprogrammed Funds	2	2023	2025	Ongoing	2,500,000.00	
27	Pressure-temperature-deformation-time (P-T-D-t) history an petrogenesis of Romblon metamorphic rocks: Implications for the western Philippine-arc-continent collision zone	Valera, Gabriel Theophilus V.	UPD	CS	researchers, students, academe	Reprogrammed Funds	2	2023	2025	Ongoing	2,449,974.40	