

**BalikPhD Recruitment Program
(Data as of 30 September 2019)**

Cnt.	Project Title	Name of Proponent	CU	Unit	Beneficiaries	Funding Sources	Durations (Years)	Start	End	Status	Total Program Budget	Publications	Other Outputs
1	Geophysical potential field investigation of the Macolod Corridor and adjacent regions: Crustal structure, heat flow, and deformation near the terminus of the Manila subduction zone	Armada, Leo	UPD	CS	students, LGU, geologists, researchers, academe	Balik-PhD	2	2018	2020	Ongoing	2,499,704.00		Poster presentation titled "Potential field signature of Macolod Corridor: Constraints on rifting-related volcanism and deformation" and Oral presentation titled "Geophysical Signatures of the Manila Subduction Zone from the Mega-thrust to the Volcanic Arc" on May 20-23, 2019 at 6th Philippines-Taiwan Earth Sciences International Conference. Oral presentation titled "Tectonic Setting of the Macolod Corridor (Luzon Island, Philippines): Implications to Rifting and Associated Geohazards at Asia Oceania Geosciences Meeting
2	Prevalence of mental health problems among Filipino university students: Multi-site, mixed-method research	Del Castillo, Ronald Tolentino	UPMan		researchers, students, academe	Balik-PhD	2	2017	2019 With extension	Ongoing	2,490,257.60		
3	Host rock control on epithermal gold mineralization: clues from the Sangilo epithermal vein system and vicinity, Baguio Mineral District, Philippines	Gabo-Ratio, Jillian Aira Sibal	UPD	CS	researchers, students, academe	Balik-PhD	2	2017	2019	Ongoing	2,489,772.00		Research collaboration with the Department of Earth Resources Engineering, Kyushu University in Fukuoka, Japan. JAS Gabo-Ration, P Aguilera, MAK Yonezu, T Tindell, ES Andal. 2017. Geology and mineralization to the Sangilo epithermal gold deposit, Baguio Mineral District, Philippines. Presented at the 2017 Goldschmidt Conference, Paris, France.
4	Marine biodiversity of Taklong Island: Integrating biodiversity knowledge at the molecular, organismal and bioformatic levels	Malay, Maria Celia Defrance	UPV	CS	researchers, students, academe	Balik-PhD	2	2017	2019	Ongoing	2,500,000.00		The project leader presented the research proposal of the the TINMR Protected Area Management Board (PAMB) last February 2017, and also worked to coordinate with various agencies that need to give approval of the research plans.
5	Investigation of the Redox Potentials of Fe-Humic Acid Complexes as a Potential Additive to Increase Bio availability of Iron in Biofloc Systems	Ortillo, Danilo Octaviano	UPV	CAS	researchers, students, academe	Balik-PhD	2	2017	2019	Ongoing	2,500,000.00		
6	Integrated Geomorphologic, Geochemical and Geophysical Studies on Hydrothermally rocks and their influence on Landslide susceptibility in Benguet Province, Philippines	Padrones, Jenielyn	UPLB	CFN	researchers, students, academe	Balik-PhD	2	2018	2020	Ongoing	2,499,945.60		Mentored 1 MS student in the production of the landslide susceptibility map. An MS student was able to produce and present the maps in the 9th PTESIC on May 19-21. Pinkihan, B.D., Dida, J.J., Arizapa, J.L., Padrones, J.T., Tiburan Jr., C.L.(2018a). Mapping Landslide Susceptibility in Hydrothermally-altered Areas in Mankayan and Itogon, Benguet Province, Philippines using GIS and Remote Sensing. In NIGSCon: Paladútaan 2018, National Institute of Geological Sciences. Pinkihan, B.D, Dida, J.J., Arizapa, J.L., Padrones, J.T., Tiburan Jr., C.L. (2018b). Clay Minerals and Landslide Susceptibility Mapping in Mankayan, Benguet using GIS and Remote Sensing. In 5th AMCI8ISR18RWG Technical Seminar, National Institute of Geological Sciences, UP Diliman. Pinkihan, B.D, Dida, J.J., Arizapa, J.L., Padrones, J.T., Tiburan Jr., C.L. (2019). Clay Minerals and Landslide Susceptibility Mapping in Mankayan, Benguet using GIS and Remote Sensing. In 6th Philippine8Taiwan Earth Sciences International Conference, Royce Hotel, Clark, Pampanga.
7	Ridge-to-reef Disaster Risk Assessment and Climate Change Impact Assessment of Water-related Disasters in the Philippines	Sanchez, Patricia	UPLB	SESAM	local government units, disaster management agencies, general public	Balik-PhD	2	2018	2020	Ongoing	2,500,000.00		mentor and support two master of science (MS) students with the help of this project. Institutionalization of two specialized courses for SESAM is also proceeding. The Graduate School Standing Committee on Physical Sciences was able to evaluate the contents of the course proposals last June 21, 2019.
8	Discovery of small molecule therapeutics from cyanobacteria	Salvador-Reyes, Lilibeth Apo	UPD	CS	Biomedical reseachers, students, academe	Balik-PhD	2	2014	2017 With Extension	Completed	2,500,000.00	Salvador-Reyes LA, Sneed J , VJ Paul, Luesch H. 2015. Amantelides A and B, polyhydroxylated macrolides with differential broad-spectrum cytotoxicity from a Guamanian marine cyanobacterium, Journal of Natural Products 78, 1957-1962.	Prior Informed Consent (PIC) from Alaminos, Bani, and Bolinao - Pangasinan, and Tanza, Cavite were endorsed to Department of Agriculture – Bureau of Fisheries and Aquatic Resources (DA-BFAR). The Memorandum of Agreement (MOA) from DA-BFAR was obtained, submitted for legal review and is currently being signed by the UP Diliman Chancellor and Secretary of DA. Once the MOA is finalized, Gratuitous Permit (GP) will also be released by DA-BFAR.

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												Salvador-Reyes LA, Luesch H. 2015. Biological targets and mechanisms of action of natural products from marine cyanobacteria. Natural Products Reports 32, 478-503.	Presentation: J.D. Batucan was accepted for poster presentation on the 32nd Philippine Chemistry Congress.
													IP Committee recommended patent protection on "Metal Binding from a Cyanobacterium for Bisorption and Bioremediation"
9	Self-force and radiation-reaction in novel settings	Vega, Michael Francis Ian II G.	UPD	CS	researchers, students, academe	Balik-PhD	2	2017	2019	Ongoing	2,500,000.00		The editor for the Taylor and Francis Group has finished reviewing the book chapter they have written. Have recently submitted the revised manuscript and are now waiting for its publication.
10	Phytosterols on cellular senescence and senescence-associated inflammation	Velarde, Michael C.	UPD	CS	materials researchers, students, academe	Balik-PhD	2	2016	2018	Ongoing	2,500,000.00		<p>Murine Model of Aging: Mitochondrial oxidative damage in mice as a model of skin aging. 29th Annual Scientific Conference of the Philippine Association For Laboratory Animal Science (PALAS). May 18-19, 2017. Crowne Plaza Hotel, Quezon City, Manila. [Plenary Speaker]</p> <p>"Marquez CMD, Ibana JA, Velarde MC. Meta-analysis of senescence-associated secretory phenotype in various cell types and its potential role during gestation. 8th Philippine Society for Developmental Biology Annual National Convention. October 22, 2015. University Theater, Adamson University, Manila, Philippines"</p> <p>Marquez, C. M. D., Ibana, J. A., & Velarde, M. C., 2017. The female reproduction and senescence nexus. American Journal of Reproductive Immunology. 77(5): e12646. DOI: 10.1111/aji.12646.</p> <p>Murine Model of Aging: Mitochondrial oxidative damage in mice as a model of skin aging. 29th Annual Scientific Conference of the Philippine Association for Laboratory Animal Science (PALAS). May 18-19, 2017. Crowne Plaza Hotel, Quezon City, Manila. [Plenary Speaker]</p> <p>Cellular Aging and Its Contribution to Global Burden of Disease. 52nd Biology Teachers Association of the Philippines (BIOTA) Annual National Convention and Scientific Sessions. April 8, 2017. Philippine Normal University, Ermita, Manila [Plenary Speaker]</p> <p>Modulating the Senescence-associated Secretory Phenotype. The first bilateral symposium between Academia Sinica and University of the Philippines Diliman. December 13-15, 2016. Academia Sinica, Taipei, Taiwan.</p> <p>Impact of Environmental Stress on Cellular Aging. 36th Annual Convention of the Philippine Environmental Mutagen Society (PEMS). November 24-25, 2016. University of Northern Philippines, Vigan City, Philippines.</p> <p>Exploring Philippine Biodiversity for Anti-senescent Interventions. 2nd Annual Balik Scientist Program (BSP) Convention. "Strengthening Science, Technology and Innovation Capacity for Sustainable Countryside Development". November 18, 2016. Embassy Ballroom, Hotel Jen, Roxas Blvd., Pasay City, Philippines.</p> <p>Mitochondrial Dysfunction-Associated Senescence and the Secretory Phenotype. 1st International and 7th Annual Convention and Scientific Meeting of the Philippine Society for Cell Biology. October 20-21, 2016. De La Salle University, Manila, Philippines.</p> <p>"CO2 incubator along with N2 and CO2 tanks have been installed in the lab."</p>