

Enhanced Creative Work and Research Grant (ECWRG)

(Data as of 27 September 2020)

Cnt.	Project Title	Proponent	CU	College	Beneficiaries	Funding Source	Start Date	End Date	Status	Grant Amount	Publications
1	OWLS: Common Objects with Labels Segmentation and Text Recognition	Atienza, Rowel O.	UPD	CS	researchers, students, academe	Reprogrammed Funds	2019	2020	Ongoing	550,000.00	
2	Establishing a ground attenuation relation for the Philippines using artificial blasting methods	Aurelio, Mario A.	UPD	CS	researchers, students, academe	Reprogrammed Funds	2020	2021	Ongoing	600,000.00	
3	Maceda, Spahlinger and the Dialectics of a "New Music" Praxis in Southeast Asian Modernity	Baes, Jonas U.	UPD	CMU	researchers, students, academe	Reprogrammed Funds	2019	2020	Ongoing	600,000.00	
4	Consumers' Financial Odysseys: Characterizing Sociocultural Barriers and Popular Media Agents to Financial Inclusion	Centeno, Dave D.G.	UPD	VSB	researchers, students, academe	Reprogrammed Funds	2019	2020	Ongoing	550,000.00	
5	Fabrication of an all-solid-state Lithium battery using Lithium Lanthanum Titanate solid electrolyte	Cervera, Rinlee Butch M.	UPD	COE	researchers, students, academe	Reprogrammed Funds	2019	2020	Ongoing	500,000.00	
6	Population genetics of the critically endangered Philippine Cockatoo (<i>Cacatua haematopygia</i>) using single nucleotide polymorphisms in mitochondrial and nuclear genes	Fontanilla, Ian Kendrick C.	UPD	CS	researchers, students, academe	Reprogrammed Funds	2019	2020	Ongoing	550,000.00	
7	Phylogenetic analysis and population genetics of Philippine fruit bats (<i>Pteropodidae</i>)	Luczon, Adrian U.	UPD	CS	researchers, students, academe	Reprogrammed Funds	2019	2020	Ongoing	450,000.00	
8	Synthesis of High Entropy Alloy Through Subsequent Deposition of Metal Thin Films	Mercado, Candy C.	UPD	COE	researchers, students, academe	Reprogrammed Funds	2019	2020	Ongoing	550,000.00	
9	Philippine Critical Discourse Studies: Current Practice Across Disciplines and Potential Contribution to Social and Cultural Analysis in the Philippines	Salonga, Aileen O.	UPD	CAL	researchers, students, academe	Reprogrammed Funds	2019	2020	Ongoing	550,000.00	
10	DNA barcoding of the Sargassum (<i>Phaeophyceae</i>) resources of northern Philippines	Santiañez, Wilfred John E.	UPD	CS	researchers, students, academe	Reprogrammed Funds	2019	2020 With approved extension until April 2021	Ongoing	500,000.00	
11	Primordial Cosmological Perturbations, Horndeski Action, and (Extended) Disformal Transformation	Alinea, Allan L	UPLB	CAS	researchers, students, academe	Reprogrammed Funds	2019	2020 With approved extension until April 2021	Ongoing	550,000.00	
12	In Vivo Investigation of Effects of Philippine Duhat (<i>Syzgium cumini</i> L.) on Biomarkers of Obesity and Associated Metabolic Disorders (Dyslipidemia and Hyperglycemia)	Atienza, Liezel M.	UPLB	CHE	researchers, students, academe	Reprogrammed Funds	2019	2020	Ongoing	500,000.00	
13	Land Mollusks in Kart Ecosystem in Island of Luzon, Philippines: Diversity, Distribution and Conservation Status	de Chavez, Emmanuel C	UPLB	CAS	researchers, students, academe	Reprogrammed Funds	2019	2020	Ongoing	500,000.00	
14	Exaggerated Evolution of Male Armaments via Male Competition	Gavina, Maica Krizna A.	UPLB	CAS	researchers, students, academe	Reprogrammed Funds	2019	2020 With approved extension until publication	Ongoing	500,000.00	
15	Updating Makiling Biodiversity Information System (MakiBis) with Current Web Technologies: A Prototype for Centralized Biodiversity Information Management Systems in the Philippines	Macandog, Damasa M.	UPLB	CAS	researchers, students, academe	Reprogrammed Funds	2019	2020	Ongoing	650,000.00	

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16	Saving the Malabayabas Forest's Ecotourism Resources of the Quezon Protected Landscape	Maldia, Lerma S.J.	UPLB	CFNR	researchers, students, academe	Reprogrammed Funds	2019	2020 With approved extension until April 2021	Ongoing	500,000.00	
17	20 Transition Metal Dichalcogenides van der Waals Heterostructures: LEGO Materials for Clean and Renewable Energy Resource	Putungan, Darwin B.	UPLB	CAS	researchers, students, academe	Reprogrammed Funds	2019	2020	Ongoing	550,000.00	
18	Conservation and Ethnobotany of Native Metallophytes in Luzon Island, Philippines	Quimado, Marilyn O.	UPLB	CFNR	researchers, students, academe	Reprogrammed Funds	2019	2020 With approved extension until April 2021	Ongoing	500,000.00	
19	Combinatorial Solutions to Steady State Probabilities of Some Exclusion Processes	Gonzales, Ken Joffaniel M.	UPLB	CAS	researchers, students, academe	Reprogrammed Funds	2019	2020	Ongoing	500,000.00	
20	Where are your Literary Giants?: An Examination of the Production and Reception of Cebuano Literature	Arong, Marie Rose	UPC	CCAD	researchers, students, academe	Reprogrammed Funds	2019	2021	Ongoing	500,000.00	
21	Microflorae of Good and Problematic Seeds in Tomato and Pepper Germplasm	Balendres, Mark Angelo O.	UPLB	CAFS	researchers, students, academe	Reprogrammed Funds	2019	2021	Ongoing	500,000.00	
22	Diel activity pattern of <i>Cassia cornuta</i> (Horned helmet shell) and its feeding behavior and prey preference on sea urchin species	Cabaitan, Patrick C.	UPD	CS	researchers, students, academe	Reprogrammed Funds	2019	2021	Ongoing	500,000.00	
23	Homogenization of a thermal problem with an imperfect interface	Cabarrubias, Bituin	UPD	CS	researchers, students, academe	Reprogrammed Funds	2019	2021	Ongoing	500,000.00	
24	Macroeconomic Risk Management Using Non-Gaussian Time Series Models	Cayton, Peter Julian	UPD	Sch of Stat	researchers, students, academe	Reprogrammed Funds	2019	2021	Ongoing	500,000.00	
25	Analytic integration: Theory and application	Galapon, Eric A.	UPD	NIP	researchers, students, academe	Reprogrammed Funds	2019	2021	Ongoing	600,000.00	
26	Compelled intimacy and the violence of politics in Manila: Understanding the war on drugs	Hapal, Karl Arvin F.	UPD	CSWCD	researchers, students, academe	Reprogrammed Funds	2019	2021	Ongoing	500,000.00	
27	Assessing the Effects of Water Stress on the Morpho-Physiology, Secondary Metabolite Production, and Bioactive Properties of the Native Philippine Onion (<i>Allium cepa</i> L.)	Puzon, Juliana Janet	UPD	CS	researchers, students, academe	Reprogrammed Funds	2019	2021	Ongoing	500,000.00	
28	Diversity and population genetics of wild <i>Kappaphycus alvarezii</i> in Guiuan, Samar, Philippines	Roleda, Michael Y.	UPD	CS	researchers, students, academe	Reprogrammed Funds	2019	2021	Ongoing	600,000.00	
29	Gut Microbiome Diversity of <i>Holothuria scabra</i> Juveniles Exhibiting Growth Variability	Ravago-Gotanco, Rachel June R.	UPD	CS	researchers, students, academe	Reprogrammed Funds	2019	2021	Ongoing	500,000.00	
30	Philippine Disaster Information System (PHIL-DIS)	Saguin, Kristian Karlo C.	UPD	CSSP	researchers, students, academe	Reprogrammed Funds	2019	2021	Ongoing	500,000.00	
31	Improving Attribute Classification in Cognitive Diagnosis Computerized Adaptive Testing in the Presence of Differential Item Functioning	Santos, Kevin Carl P.	UPD	Sch of Stat	researchers, students, academe	Reprogrammed Funds	2019	2021	Ongoing	500,000.00	
32	A Stochastic Network-based Model of Disease Spread and its Large Graph Limit	Arceo, Carlene Perpetua	UPD	CS	researchers, students, academe	Reprogrammed Funds	2020	2021	Ongoing	650,000.00	
33	Fabrication of Bimetallic Cu-Ni Foam for Energy Applications	Balela, Mary Donabelle	UPD	COE	researchers, students, academe	Reprogrammed Funds	2020	2022	Ongoing	600,000.00	

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34	Isles of Passage: Transport Geography Perspective on Calayan and Lubang as Gateways to the Main Island of Luzon (Metal Ages to Early Historical Period, 500 BCE to CE 1600)	Canilao, Michael	UPD	ASP	researchers, students, academe	Reprogrammed Funds	2020	2021	Ongoing	550,000.00	
35	Investigation of Material Surface Modification Made by Femtosecond Pulsed Laser Ablation from Multiple Pulses	Dasallas, Lean	UPD	CS	researchers, students, academe	Reprogrammed Funds	2020	2021	Ongoing	500,000.00	
36	Ion- and Surface-sensitive Interactions During Oxygen Evolution Reaction in Alkaline Media	Del Rosario, Julie Anne	UPD	COE	researchers, students, academe	Reprogrammed Funds	2020	2021	Ongoing	500,000.00	
37	Fast Rotation and Translation Sensing with Spatial Mode Projection	Hermosa, Nathaniel II	UPD	CS	researchers, students, academe	Reprogrammed Funds	2020	2021	Ongoing	600,000.00	
38	Acquisition of Antibiotic Resistance Genes in Antibiotic Growth Promoter-treated Broiler Chickens (<i>Gallus gallus domesticus</i>)	Imperial, Ivan Christian VJ	UPD	CS	researchers, students, academe	Reprogrammed Funds	2020	2021	Ongoing	450,000.00	
39	MAPPING NEW STARS: A Sourcebook on Philippine Speculative Fiction	Lee, Gabriela Alejandra	UPD	CAL	researchers, students, academe	Reprogrammed Funds	2020	2021	Ongoing	500,000.00	
40	Fish Parasite Assessment in the Three Upland Lakes in South Cotabato, Southern Philippines	Magbanua, Francis	UPD	CS	researchers, students, academe	Reprogrammed Funds	2020	2021	Ongoing	500,000.00	
41	Unravelling the Hidden Half: Using DNA Barcodes and Parallel DNA Sequencing to Survey Pelagic Larval Communities of Tropical Shallow Water Reef Species in the Philippines	Matias, Ambrosio Melvin	UPD	CS	researchers, students, academe	Reprogrammed Funds	2020	2022	Ongoing	500,000.00	
42	Applications of Modified Heuristic Algorithms	Mendoza, Renier	UPD	CS	researchers, students, academe	Reprogrammed Funds	2020	2021	Ongoing	500,000.00	
43	Subjugated Voices: A Critical Ethnography of Street Life and Homelessness in Manila	Moratilla, Noel Christian A.	UPD	Asian Center	researchers, students, academe	Reprogrammed Funds	2020	2021	Ongoing	500,000.00	
44	Design of Allosteric Inhibitors for μ -Opioid Receptor	Nellas, Ricky	UPD	CS	researchers, students, academe	Reprogrammed Funds	2020	2021	Ongoing	550,000.00	
45	Visible Light-Driven Photodimerization of Anthracene-Appended Polymer Tethered with Electron-rich Triazole Toward Single Chain Nanoparticles	Paderes, Monissa	UPD	CS	researchers, students, academe	Reprogrammed Funds	2020	2022	Ongoing	500,000.00	
46	Rice Husk Activated Carbon-Supported Copper Catalysts for Methanol Steam Reforming	Payawan, Leon	UPD	CS	researchers, students, academe	Reprogrammed Funds	2020	2021	Ongoing	650,000.00	
47	DNA Barcoding of Common Freshwater Gobioids and Genetic Diversity of the Snakehead Gudgeon, <i>Giuris margaritaceus</i> (Valenciennes 1837)	Quilang, Jonas	UPD	CS	researchers, students, academe	Reprogrammed Funds	2020	2021	Ongoing	600,000.00	
48	Fabrication of Titanium Dioxide-based Photocatalytic Materials for Water Treatment Applications	Vasquez, Magdalena Jr.	UPD	COE	researchers, students, academe	Reprogrammed Funds	2020	2021	Ongoing	550,000.00	
49	Chilling Injury Alleviation in Carabao Mango Using Natural Compounds	Absulio, Wella	UPLB	CAFS	researchers, students, academe	Reprogrammed Funds	2020	2021	Ongoing	450,000.00	
50	Shelf-life extension and acceptability of selected Pili nut products treated to Reduce oils with green technology	Arboleda, Mark Dondi M.	UPLB	SESAM	researchers, students, academe	Reprogrammed Funds	2020	2021	Ongoing	550,000.00	
51	Ascertainment of nutrition care (NCP) implementation and use of NCP terminologies (NCP T) among hospital dieticians in the Philippines	Delomen, Joan	UPLB	CHE	researchers, students, academe	Reprogrammed Funds	2020	2021	Ongoing	500,000.00	

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52	Bioengineering of Bacteriocin to enhance its bioactivity through NKK scanning	Perez, Rodney	UPLB	BIOTECH	researchers, students, academe	Reprogrammed Funds	2020	2021	Ongoing	500,000.00	
53	Plant growth promoting properties of newly discovered species of Rhizobium strain 11515TR isolated from Tomato Rhizosphere in Los, Banos, Laguna	Villegas, Lucille	UPLB	CAS	researchers, students, academe	Reprogrammed Funds	2020	2021	Ongoing	600,000.00	
54	The First Trigger Project, 2020/21	Miclat-Janssen, Banaue	UPD	CAL	researchers, students, academe	Reprogrammed Funds	2020	2021	Ongoing	500,000.00	