

Enhanced Creative Work and Research Grant (ECWRG)

Data as of 30 September 2019

Cnt.	Project Title	Proponent	CU	College	Beneficiaries	Funding Source	Start Date	End Date	Status	Grant Amount
1	Impact of Island Formation on Desorption Kinetics During Temperature-Programmed Desorption: A Kinetic Monte Carlo Study	Albao, Marvin A.	Los Baños	IMSP	Surface scientists, environmentalists, physicists, chemists, researchers, engineers	Reprogrammed Funds	2017	2019	Ongoing	600,000.00
2	Quorum Sensing Inhibitors for Veterinary Applications	Bandoy, Dj Darwin R.	Los Baños	CVM	Veterinarians	Reprogrammed Funds	2017	2019	Ongoing	500,000.00
3	Development of β -cyclodextrin Microcapsules for Delivery of β -carotene as Rice Fortificant	Flores, Floreindo P.	Los Baños	COA	Rice farmers, industry, LGUs	Reprogrammed Funds	2017	2019	Ongoing	550,000.00
4	Detection of Anaplasma DNA in Milk and Blood from Dairy Cattle in CALABARZON (Region IV-A) Provinces through Nested Polymerase Chain Reaction	Galay, Remil L.	Los Baños	CVM	Dairy cattle raisers, dairy cattle breeders	Reprogrammed Funds	2017	2019	Ongoing	500,000.00
5	Monitoring the Implementation of RA 9003 (SWM Act) at the Barangay and Municipal Levels in Santa Cruz Watershed	Nguyen, Miriam R.	Los Baños	CPAD	Semiconductor industry	Reprogrammed Funds	2017	2019	Ongoing	500,000.00
6	Optimization of Kalumpit (Terminalia Microcarpa) Antioxidant Extraction Protocol	Santiago, Dennis Marvin O.	Los Baños	CA	Semiconductor industry	Reprogrammed Funds	2017	2019	Ongoing	550,000.00
7	Isolation, Purification and Characterization of Proteins with Bioactive Peptides Exhibiting Angiotensin I-converting Enzyme (Ace) Inhibitory and Antioxidative Activities from Different Varieties of Banana in the Philippines	Torio, Mary Ann O.	Los Baños	IC	Farmers, environmentalist	Reprogrammed Funds	2017	2019	Ongoing	550,000.00
8	Babala ng Balang Araw at Iba Pang Abiso	Acuña, Arbeen R.	Diliman	CAL	Literature writers	Reprogrammed Funds	2017	2019	Ongoing	450,000.00
9	SAYSAY: The Philippine Essay in the 21st Century	Cruz, Conchitina	Diliman	CAL	Literature writers	Reprogrammed Funds	2017	2019	Ongoing	500,000.00
10	Musika ng Pananakop: Panahon ng Hapon sa Filipinas, 1942-1945	Navarro, Raul C.	Diliman	CM	Musicians, artists	Reprogrammed Funds	2017	2019	Ongoing	600,000.00
11	Investigating Online Incivility and its Consequence on Online Discourse Engagement	San Pascual, Maria Rosel S.	Diliman	CMC	Semiconductor industry	Reprogrammed Funds	2017	2019	Ongoing	500,000.00
12	Computer-Aided Discovery of Repurposed Drugs for Superbugs	Billones, Junie B.	Manila	CAS	Semiconductor industry	Reprogrammed Funds	2017	2019	Ongoing	600,000.00
13	A Practical Guide to International Ballroom Styles and Filipino Social Dances	Dimarucut, Alberto L.	Diliman	CHK	Dance instructors, dancers, choreographers, researchers	Reprogrammed Funds	2018	2019	Ongoing	500,000.00
14	The Case of the Filipino-Korean Spouses Association (FKSA)	Encinas-Franco, Jean S.	Diliman	CSSP	Diplomats, foreign policy makers, economists, social scientists	Reprogrammed Funds	2018	2019	Ongoing	500,000.00
15	On Near-Perfect and Deficient-Perfect Numbers	Celeste, Richell O.	Diliman	CS	Researchers, mathematicians	Reprogrammed Funds	2018	2019	Ongoing	500,000.00
16	Repetitions and Alterations: Dramaturgy of Collaborative Adaptations in the Philippines	Tiatco, Sir Anril P.	Diliman	CAL	Literature	Reprogrammed Funds	2018	2019	Ongoing	550,000.00
17	Communication Research Textbook Volume 3: Analyzing, Interpreting, and Reporting Communication and Media Research	Paragas, Fernando Dlc.	Diliman	CMC	Researchers	Reprogrammed Funds	2018	2019	Ongoing	550,000.00
18	K-12 Career Track Assessment Using Neural Networks (K12-CANN)	Nazareno, Allen L.	Los Baños	CAS	Researchers, students	Reprogrammed Funds	2018	2019	Ongoing	500,000.00
19	Screening for Phytochemicals and Antioxidant Compounds in Leaves, Fruit and Peel of Selected Philippine Mango Varieties	Ocampo, Eureka Teresa M.	Los Baños	CAFS	Farmers, environmentalist	Reprogrammed Funds	2018	2019	Ongoing	500,000.00
20	Mix-and-Match: Development of a Ruthenium-Based Catalytic Hydrogenation of Esters to Alcohols Using Readily Accessible Ligands	Aguila, Mae Joanne B.	Los Baños	CAS	semiconductor industry	Reprogrammed Funds	2018	2019	Ongoing	550,000.00

21	Biodiversity assessment of Philippine karst landscapes: taxonomic description of new species of cave and karst aquatic animals in Mindanao	Husana, Daniel Edison M.	Los Baños	CAS	Archeologists, studying the marine environment, marine scientists, Indigenous people	Reprogrammed Funds	2018	2019	Ongoing	550,000.00
22	CO2 adsorption and dissociation on Cu cluster supported on Cu(111): A density functional theory investigation	Padama, Allan Abraham B.	Los Baños	CAS	Surface scientists, environmentalists, physicists, chemists, researchers, engineers	Reprogrammed Funds	2018	2019	Ongoing	550,000.00
23	Effects of Davao-Produced Composts on Soil and Selected Crops (Pechay, Radish, Tomato, and Banana)	Millado, Cyrose Sozie S.	Manila	CSM	Farmers, environmentalist	Reprogrammed Funds	2018	2019	Ongoing	500,000.00
24	Fabrication of Cellulose-based Anion Exchange Membranes for Fuel Cell and Electrolyser Application	Espiritu, Richard D.V.	Diliman	COE	Semiconductor Industry	Reprogrammed Funds	2018	2019	Ongoing	500,000.00
25	Utilization of water hyacinth (Eichhoria crassipes) for the simultaneous synthesis of carbon quantum dots for cellular imaging and porous carbon for CO2 capture	Magdaluyo, Eduardo Jr. R.	Diliman	COE	Semiconductor industry	Reprogrammed Funds	2018	2019	Ongoing	550,000.00
26	From Mud to Art: Modification of Locally-Sourced Clay for 3D Printing Ceramic Sculptures	Manapat, Jill Z.	Diliman	COE	Archeologists, historians, indigenous people	Reprogrammed Funds	2018	2019	Ongoing	500,000.00
27	Unearthing Human Thoughts About Plants and Animals: Clay as a Means to Talk About Issues that Affect Our Existence	Sta. Ana, Mary Catherine P.	Diliman	CFA	Indigenous peoples, ethnobotanists	Reprogrammed Funds	2018	2019	Ongoing	500,000.00
28	A Transact Study of the Ants of Mt. Isarog Natural Park, Camarines Sur	General, David Emmanuel M.	Los Baños	MNH	Biotechnologist, agriculturists, environmentalists	Reprogrammed Funds	2018	2020	Ongoing	450,000.00
29	In vitro and in vivo evaluation of the biological activities of Tabernaemontana pandacaqui Lam. ethanol extract.	Dela Cruz, Joseph F.	Los Baños	CVM	Researchers, biologists	Reprogrammed Funds	2018	2020	Ongoing	500,000.00
30	Computational and theoretical studies of small molecule binding on nanoclusters and surfaces	Paraan, Francis Norman C.	Diliman	CS	Semiconductor industry	Reprogrammed Funds	2018	2020	Ongoing	500,000.00
31	Similarity Isometries of Lattices and Related Structures	Loquias, Manuel Joseph C.	Diliman	CS	Researchers, mathematician	Reprogrammed Funds	2018	2018	Ongoing	550,000.00
32	Dangerous hitchhikers: Investigating harmful phytoplankton species associated with floating plastic debris in the marine environment	Onda, Deo Florence L.	Diliman	CS	Geologists, biologists, students studying the marine environment, marine scientists	Reprogrammed Funds	2018	2020	Ongoing	500,000.00
33	World Premiere of a new Musical entitled, Boses ni YOLANDA	Ferrer, Alegria O.	Diliman	CMu	Musicians, theater/stage performers, artists	Reprogrammed Funds	2018	2020	Ongoing	550,000.00
34	Evaluation of the effect of plant-derived products with potential anti-cancer activity on the development of the embryo during gestation	Ipulan, Lerrie Ann D.G.	Diliman	CS	Researchers, botanists	Reprogrammed Funds	2018	2020	Ongoing	500,000.00
35	LUAD ILOCOS Ceramic Art Project - Development of Philippine High-Firing Clays from the Ilocos Province to Promote Philippine Ceramic Arts	Gudiño, Ma. Rita B.	Diliman	CFA	Archeologists, historians, indigenous people	Reprogrammed Funds	2018	2020	Ongoing	500,000.00
36	Deficiency Theorems for Classes of Power Law Kinetic System	Talabis, Dylan Antonio SJ.	Los Baños	CAS	Surface scientists, environmentalists, physicists, chemists, researchers, engineers	Reprogrammed Funds	2018	2020	Ongoing	500,000.00
37	Queues with Choice: A Symmetry Perspective	Collera, Juancho A.	Baguio	CS	Researchers, mathematician	Reprogrammed Funds	2018	2020	Ongoing	550,000.00
38	Biosynthesis of Zinc Oxide Nanoparticles Using Cacao Pod Husk and Investigation of their Anti microbial Properties	Fundador, Noreen Grace V.	Manila	CSM	Biotechnologist, agriculturists, food technologists, environmentalists	Reprogrammed Funds	2018	2020	Ongoing	550,000.00
39	Application Potential of Deep Eutectic Solvents in the Synthesis and Purification of Lumbang (Aleurites moluccana) Derived Biodiesel and Alkyd Resins	Nelson, Villarante	Manila	CAS	Semiconductor industry, materials science researchers	Reprogrammed Funds	2018	2020	Ongoing	600,000.00
40	Effect of Doping and annealing temperatures on the optical, structural, and magnetic properties of ZnO nanostructures	Sarmago, Roland V.	Diliman	CS	Semiconductor industry, materials science researchers	Reprogrammed Funds	2018	2020	Ongoing	650,000.00

41	Degradation kinetics and solvent selection for polyethylene recovery from spent thermoplastic laminates	Tumulva, Terence P.	Diliman	COE	Surface scientists, environmentalists, physicists, chemists, researchers, engineers	Reprogrammed Funds	2018	2020	Ongoing	550,000.00
42	Topochemical Transformations of Philippine Clays: Organic-Free Synthesis of Zeolites from Philippine bentonite	Conato, Marlon T.	Diliman	CS	Semiconductor industry, materials science researchers	Reprogrammed Funds	2018	2020	Ongoing	550,000.00
43	Characterization of tetillid sponge-associated diversity on reefs influenced by environmental stress	Conaco, Ma. Cecilia G.	Diliman	CS	Geologists, biologists, students studying the marine environment, marine scientists	Reprogrammed Funds	2018	2020	Ongoing	500,000.00
44	OWLS: Common Objects with Labels Segmentation and Text Recognition	Atienza, Rowel O.	Diliman	CS	Researchers, Computer Programmers, App developers	Reprogrammed Funds	2019	2020	Ongoing	550,000.00
45	Establishing a ground attenuation relation for the Philippines using artificial blasting methods	Aurelio, Mario A.	Diliman	CS	Surface scientists, environmentalists, researchers, mining engineers	Reprogrammed Funds	2019	2020	Ongoing	600,000.00
46	Maceda, Spahlinger and the Dialectics of a "New Music" Praxis in Southeast Asian Modernity	Baes, Jonas U.	Diliman	CMU	Musicians, theater/stage performers, artists	Reprogrammed Funds	2019	2020	Ongoing	600,000.00
47	Consumers' Financial Odysseys: Characterizing Sociocultural Barriers and Popular Media Agents to Financial Inclusion	Centeno, Dave D.G.	Diliman	VSB	Researchers, industry	Reprogrammed Funds	2019	2020	Ongoing	550,000.00
48	Fabrication of an all-solid-state Lithium battery using Lithium Lanthanum Titanate solid electrolyte	Cervera, Rinlee Butch M.	Diliman	COE	Semiconductor industry	Reprogrammed Funds	2019	2020	Ongoing	500,000.00
49	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.	Diliman	CS	Researchers, biologist, farmers	Reprogrammed Funds	2019	2020	Ongoing	550,000.00
50	Phylogenetic analysis and population genetics of Philippine fruit bats (<i>Pteropodidae</i>)	Luczon, Adrian U.	Diliman	CS	Researchers, veterinarians	Reprogrammed Funds	2019	2020	Ongoing	450,000.00
51	Synthesis of High Entropy Alloy Through Subsequent Deposition of Metal Thin Films	Mercado, Candy C.	Diliman	COE	Researchers, industry	Reprogrammed Funds	2019	2020	Ongoing	550,000.00
52	Philippine Critical Discourse Studies: Current Practice Across Disciplines and Potential Contribution to Social and Cultural Analysis in the Philippines	Salonga, Aileen O.	Diliman	CAL	Sociologists	Reprogrammed Funds	2019	2020	Ongoing	550,000.00
53	DNA barcoding of the <i>Sargassum</i> (<i>Phaeophyceae</i>) resources of northern Philippines	Santiañez, Wilfred John E.	Diliman	CS	Researchers, marine scientists	Reprogrammed Funds	2019	2020	Ongoing	500,000.00
54	Primordial Cosmological Perturbations, Horndeski Action, and (Extended) Disformal Transformation	Alinea, Allan L	Los Baños	CAS	Researchers, cosmologists, physicists	Reprogrammed Funds	2019	2020	Ongoing	550,000.00
55	In Vivo Investigation of Effects of Philippine Duhat (<i>Syzygium cumini</i> L.) on Biomarkers of Obesity and Associated Metabolic Disorders (Dyslipidemia and Hyperglycemia)	Atienza, Liezel M.	Los Baños	CHE	Researchers, botanist, industry, scientists	Reprogrammed Funds	2019	2020	Ongoing	500,000.00
56	Land Mollusks in Kart Ecosystem in Island of Luzon, Philippines: Diversity, Distribution and Conservation Status	de Chavez, Emmanuel C	Los Baños	CAS	Researchers, botanist, environmentalist	Reprogrammed Funds	2019	2020	Ongoing	500,000.00
57	Exaggerated Evolution of Male Armaments via Male Competition	Gavina, Maica Krizna A.	Los Baños	CAS	Researchers	Reprogrammed Funds	2019	2020	Ongoing	500,000.00
58	Updating Makiling Biodiversity Information System (MakiBis) with Current Web Technologies: A Prototype for Centralized Biodiversity Information Management Systems in the Philippines	Macandog, Damasa M.	Los Baños	CAS	Researchers, botanist, environmentalist	Reprogrammed Funds	2019	2020	Ongoing	650,000.00
59	Saving the Malabayabas Forest's Ecotourism Resources of the Quezon Protected Landscape	Maldia, Lerma SJ.	Los Baños	CFNR	Researchers, botanist, environmentalist	Reprogrammed Funds	2019	2020	Ongoing	500,000.00
60	2D Transition Metal Dichalcogenides van der Waals Heterostructures: LEGO Materials for Clean and Renewable Energy Resource	Putungan, Darwin B.	Los Baños	CAS	Researchers, scientists	Reprogrammed Funds	2019	2020	Ongoing	550,000.00

61	Conservation and Ethnobotany of Native Metallophytes in Luzon Island, Philippines	Quimado, Marilyn O.	Los Baños	CFNR	Researchers, biologists, botanists, environmentalists	Reprogrammed Funds	2019	2020	Ongoing	500,000.00
62	Combinatorial Solutions to Steady State Probabilities of Some Exclusion Processes	Gonzales, Ken Joffaniel M.	Los Baños	CAS	Researchers, biologists, physicists	Reprogrammed Funds	2019	2020	Ongoing	500,000.00