

Enhanced Creative Work and Research Grant (ECWRG)

Cnt	Project Title	ECWRG	CU	Funding Source	Beneficiaries	Duration (Months)	Start Date	End Date	Status	Grant Amount	Publication
1	Prospecting the diversity of soil and litter fungi for siderophores	Hipol, Roland	UP Baguio	Reprogrammed Funds	biotechnologist, agriculturists, food technologists, environmentalists	18	2016	2017	Ongoing	550,000	
2	Environmental and microbiological assessment of small scale vegetable farming systems irrigated with wastewater from Upper Balili River, La Trinidad, Benguet, Philippines	Gutierrez, Rosemary	UP Baguio	Reprogrammed Funds	farmers, environmentalists	18	2016	2017	Ongoing	550,000	
3	Plants and Culture: the Ethnobotany of Kabayan, Benguet Province with Special Emphasis on Plants used in mummification	Balangcod, Teodora	UP Baguio	Reprogrammed Funds	indigenous peoples, ethnobotanists	18	2015	2017	Ongoing	600,000	
4	Arresting the spread of precarious non-standard employment in formal enterprises in Metro Manila: What role for trade unions?	Serrano, Melisa	UP Diliman	Reprogrammed Funds	enterprise-based trade unions; national union federations; national union confederations (labor centers); academics and researchers on labor studies; labor-oriented ngos and think tanks; and government policy makers (legislators, DOLE)	18	2015	2017	Ongoing	550,000	
5	Strange bedfellows, adversaries or partners? Assessing civil society's engagement in ASEAN Community Building (2000-2015)	Arugay, Aries	UP Diliman	Reprogrammed Funds	ASEAN officials (secretariat), foreign ministries of ASEAN member-states, civil society leaders/representatives engaged in advocacy on ASEAN, scholars on ASEAN/southeast asia	18	2016	2017	Ongoing	550,000	
6	Diksyonaryo-Gabay sa mga gawa ni Chuck Manansala	Eliserio, U	UP Diliman	Reprogrammed Funds	writers, literature students	18	2016	2017	Ongoing	550,000	
7	Testimonya at pakikibaka ng mga detinidong politikal sa Pilipinas	Rodriguez, Rommel	UP Diliman	Reprogrammed Funds	human rights organizations and advocates; people's organizations; students and faculty; political prisoners	18	2016	2017	Ongoing	550,000	
8	Corrosion kinetics and passivation behaviour of engine steel in ethanol-gasoline (E10) blends in the Philippines	Ocon, Joey	UP Diliman	Reprogrammed Funds	steel industry	18	2016	2017	Ongoing	500,000	
9	Counterion distribution and the gelation process of iota-Carrageenan via molecular dynamics simulations	Claudio, Gil	UP Diliman	Reprogrammed Funds	food industry	18	2015	2017	Ongoing	500,000	
10	Coastal geomorphic features of islands in southwest Luzon and their tectonic implications	Ramos, Noelynna	UP Diliman	Reprogrammed Funds	geologists	18	2015	2017	Ongoing	500,000	
11	@RTDAGLI: Maikling-maikling kwentong SMS at tweets	Tolentino, Roland	UP Diliman	Reprogrammed Funds	reading public, literature students, communication and media specialists	18	2016	2017	Ongoing	650,000	
12	Development of an Expert-Assisted Remote Microscopy Diagnostic Information System for Disease Surveillance and Outbreak Monitoring	Naval, Prospero Jr.	UP Diliman	Reprogrammed Funds	doctors, patients	18	2015	2017	Ongoing	600,000	

13	Magnetic paleosecular variation in lavas of Luzon, Philippines	Faustino-Eslava, Decibel	UP Los Baños	Reprogrammed Funds	geologists	18	2016	2017	Ongoing	550,000	
14	Isolation, purification, characterization of the protease in jackfruit ( <i>Artocarpus heterophyllus</i> ) leaves and latex and towards its commercialization	Garcia, Roberta	UP Los Baños	Reprogrammed Funds	jackfruit growers, food and beverage industry, consumers	18	2016	2017	Ongoing	550,000	
15	Development of surface-modified nanocrystalline cellulose for metal ions removal in wastewater	Ventura, Jey-R	UP Los Baños	Reprogrammed Funds	semiconductor industry	18	2016	2017	Ongoing	500,000	
16	The organochlorine pesticide residues: Effects on productivity and issues on food safety of mallard ducks ( <i>Anas platyrhynchos</i> L.)	Vega, Renato	UP Los Baños	Reprogrammed Funds	researchers working on food safety and organic farming; reference for faculties teaching environmental physiology, endocrinology, agricultural, systems, organic farming and the like; government policy makers of food safety and organic agriculture; people involved in the health and wellness program	18	2016	2017	Ongoing	600,000	
17	A preliminary study on the effects of <i>Mentha cordifolia</i> Opiz (yerba buena) leaf extracts in the NF-kappaB signaling pathway	Victoriano, Ann Florence	UP Manila	Reprogrammed Funds	biotechnologists	18	2016	2017	Ongoing	550,000	
18	Air pollution tolerance index of selected trees in parks and major roadsides of Metro Manila	Sia Su, Glenn	UP Manila	Reprogrammed Funds	general public and immediate LGU and the MMDA (greening project of Metro Manila)	18	2016	2017	Ongoing	550,000	
19	Fishery and reproductive biology of the coconut crab, <i>Birgus latro</i> (Linnaeus 1767) on Caluya Island, Antique, Western Visayas, Philippines	Baylon, Juliana	UP Visayas	Reprogrammed Funds	agriculturists, fishermen	18	2016	2017	Ongoing	650,000	
20	Self-translation into English of the Hiligaynon Short Stories in the book "Sa Taguungan sang Duta" kag Iban Pa nga Sugilanon	Gonzales, Alicia	UP Visayas	Reprogrammed Funds	indigenous people, creative writers	18	2016	2017	Ongoing	650,000	
21	Settlement habitats of early stages of blue crab, <i>Portunus pelagicus</i> , in Northeast Panay	Campos, Wilfredo	UP Visayas	Reprogrammed Funds	agriculturists, commercial fisheries	18	2016	2017	Ongoing	650,000	
22	Optimal Control Strategies of Regulating the "Go or Grow" Dynamics of Glioblastoma Multiforme	Delos Reyes, Aurelio V A.	UP Diliman	Reprogrammed Funds	oncologists	18	2016	2018	Ongoing	500,000	
23	Sa Pakpak ng Tula 2	Aguila, Reuel	UP Diliman	Reprogrammed Funds	writers, literature students	18	2016	2018	Completed	550,000	Reuel A. 2017. Sa Pakpak ng Tula 2. Exhibit
24	"Investigation of the Antagonistic Activity of <i>Lactobacillus</i> spp. Against Enteropathogenic Bacteria"	Ibana, Joyce A	UP Diliman	Reprogrammed Funds	biologists, health professionals, biomedical researchers	18	2016	2018	Completed	550,000	Imperial ICVJ, Ibana JA. 2016. Addressing the Antibiotic Resistance Problem with Probiotics: Reducing the Risk of Its Double-Edged Sword Effect. <i>Frontiers in Microbiology</i> . Vol. 7, ID PMCS156686. ISI

25	Imaging Essence through the Body - From the Graphic to the Ethereal: A Solo Exhibition of Hybrid Works that take off from Traditional Printmaking Techniques with Video Documentary on the Artist's Creative Process	Abaño, Ma. Victoria R.	UP Diliman	Reprogrammed Funds	artists	18	2016	2018	Completed	500,000	Abaño MV. 2017. Beyond my Body. Exhibit
26	Coccolithopore Occurrences in Philippine waters	Peleo-Alampay, Alyssa M.	UP Diliman	Reprogrammed Funds	geologists, biologists, students studying the marine environment, marine scientists	18	2016	2018	Ongoing	600,000	
27	Isolation and Identification of Bacteria Producing Nanocellulose for Biomaterial Applications	Franco, Rose Ann G.	UP Los Baños	Reprogrammed Funds	biomedical engineers	18	2016	2018	Ongoing	500,000	
28	Simulation \Modelling of Plant Communities using Lattice Lotka-Volterra Model to Investigate the Effect of Uncertain Changes in Microhabitat Locality due to Climate Change	Tubay, Jerrold M.	UP Los Baños	Reprogrammed Funds	environmentalists	18	2016	2018	Ongoing	500,000	
29	Homogenization and Controllability of parabolic Equations with Interfacial Contact Resistance through Rough Surfaces	Jose, Editha C.	UP Los Baños	Reprogrammed Funds	mathematicians	18	2016	2018	Ongoing	500,000	
30	Evolutionary Decision Games in Complex Biological Interactions at the Edge of Catastrophe	Rabajante, Jomar F.	UP Los Baños	Reprogrammed Funds	environmentalists, mathematicians	18	2016	2018	Ongoing	500,000	
31	Investigation of Metallic Single-Layer Transition Metal Dichalcogenides (TMDs) Polytypes as Promising Anode Materials for Na-ion Battery: Density Functional Theory Study	Putungan, Darwin B.	UP Los Baños	Reprogrammed Funds	semi-conductor industry	18	2016	2018	Ongoing	550,000	
32	Computational and Statistical Approaches in Deciphering the Key Molecular Structure-Derived Properties of Medicinal Compounds	Billones, Liza T.	UP Manila	Reprogrammed Funds	bioinformaticians	18	2016	2018	Ongoing	500,000	
33	Application of the PRECEDE-PROCEED Model in the Development of Evidence- based Intervention for Drowning Prevention	Guevarra, Jonathan P.	UP Manila	Reprogrammed Funds	community residents, health promotion and education practitioners	18	2016	2018	Ongoing	500,000	
34	The Role of High Value Markets (Supermarkets, Specialty Stores and Exports) in Preserving the Environment	Digal, Larry N.	UP Manilain	Reprogrammed Funds	environmentalists, economists	18	2016	2018	Ongoing	650,000	
35	In Praise of Wilderness	Carreon, Charmaine L.	UP Cebu	Reprogrammed Funds	environmentalists	18	2017	2018	Ongoing	500,000	
36	Biodiversity of Ticks and Tick-Borne Pathogens in Small Ruminants in Cebu	Ybañez, Adrian P.	UP Cebu	Reprogrammed Funds	environment, local govt, biodiversity conservation programs, researchers	18	2017	2018	Ongoing	500,000	

37	Pseudocapacitive Properties of Copper Oxide Nanowires Prepared by Electroless Deposition	Balela, Mary Donnabelle L.	UP Diliman	Reprogrammed Funds	semiconductor industry	18	2017	2018	Ongoing	550,000	
38	Effects of the Maternal Diet on the Quantity and Performance of Probiotics Isolated from Breast Milk of Some Filipino Women	Bayaga, Cecile Leah T.	UP Diliman	Reprogrammed Funds	oncologists, health professionals,	18	2017	2018	Ongoing	550,000	
39	Regulated and Emerging Disinfection By- Products in the Local Drinking Water Supplies	Espino, Maria Pythias B.	UP Diliman	Reprogrammed Funds	environment, local govt, biodiversity conservation programs, researchers	18	2017	2018	Ongoing	550,000	
40	Reconstructing the Bifurcation History of the North Equatorial Current (NEC) Using Calcareous Nannoplankton and Nannofossil Distribution in the Surface Waters and Sediments of Lamon Bay (Eastern Philippines)	Fernando, Allan Gil S.	UP Diliman	Reprogrammed Funds	geologists, biologists, students studying the marine environment, marine scientists	18	2017	2018	Ongoing	550,000	
41	Geochemical Behavior of Sc and Other REE in Weathered Nickel Laterite in the Philippines: Constraints from LA-ICPMS and EPMA Analyses of Laterite Profiles from Palawan and Nonoc Islands	Gabo-Ratio, Jillian Aira S.	UP Diliman	Reprogrammed Funds	geologists	18	2017	2018	Ongoing	500,000	
42	Can the Angular Goos-Hänchen shift be Used for Ultra Thin Film Thickness Determination?	Hermosa, Nathaniel Ii P.	UP Diliman	Reprogrammed Funds	surface scientists, environmentalists, physicists, chemists, researchers	18	2017	2018	Ongoing	550,000	
43	Music Composition for Symphonic Band: Enriching the Philippine Music Repertoire and Filling in the Country's Lack of Symphonic Band Pieces	Muyco, Maria Christine M.	UP Diliman	Reprogrammed Funds	artists	18	2017	2018	Ongoing	550,000	
44	Nonconvex TVq Model with L <sup>1</sup> Fidelity for Image Restoration: Analysis and Algorithm	Neri, Marrick C.	UP Diliman	Reprogrammed Funds	semiconductor industry	18	2017	2018	Ongoing	550,000	
45	Characterization and Evaluation of Silanized Muscovite, Aluminosilicate, Nepheline Syenite, and Wollastonite as Mineral Filler for Thermosets, Thermoplastic Resins, and Natural/Synthetic Elastomers	Pajarito, Bryan B.	UP Diliman	Reprogrammed Funds	environmentalist	18	2017	2018	Ongoing	550,000	
46	Beyond the Sea - Exploring the First Seafarers of the Philippine Archipelago	Pawlik, Alfred F.	UP Diliman	Reprogrammed Funds	geologists, biologists, students studying the marine environment, marine scientists	18	2017	2018	Ongoing	550,000	
47	Differential Item Functioning and Logical Data Analyses of the 2015 University of the Philippines College Admission Test (UPCAT)	Pedrajita, Jose Q.	UP Diliman	Reprogrammed Funds	reading public, literature students, communication and media specialists	18	2017	2018	Ongoing	550,000	
48	The Portable Culture of a Seafaring People: A Pre-Contact Figurative Art Object from the Catanauan Excavation Site	Rownd, Robert H.	UP Diliman	Reprogrammed Funds	semiconductor industry	18	2017	2018	Ongoing	500,000	

49	A Cultural History of the Medical Promotion of Vitamins and Dietary Supplements in the Philippines	Tan, Michael L.	UP Diliman	Reprogrammed Funds	biologists, health professionals, biomedical researchers	18	2017	2018	Ongoing	650,000	
50	A Natural History Guide on Philippine Shores	Vallejo, Benjamin Jr. M.	UP Diliman	Reprogrammed Funds	indigenous people, art historians, linguists, writers	18	2017	2018	Ongoing	550,000	
51	Modification of Polymeric Surfaces via Energetic Ion Bombardment	Vasquez, Magdaleno Jr. R.	UP Diliman	Reprogrammed Funds	semiconductor industry	18	2017	2018	Completed	500,000	Taaca KLM, Vasquez Jr MR. 2017. Hemocompatibility and cytocompatibility of pristine and plasma-treated silver- zeolite-chitosan composites. Applied Surface Science. Pp. 1387-1811. SCIE
52	Isolation and Evaluation of Nutritional Physico-Chemical and Functional Properties of Proteins from Microwave-Vacuum (MV) Stabilized Rice Bran	Villarino, Blanca J.	UP Diliman	Reprogrammed Funds	food scientists, nutritionists	18	2017	2018	Ongoing	550,000	
53	Biodiesel Production in a Packed Column Using OH-Impregnated Calcium Oxide as Heterogeneous Catalyst by a Co-Solvent Method	Bambase, Manolito Jr. E.	UP Los Baños	Reprogrammed Funds	semiconductor industry	18	2017	2018	Ongoing	500,000	
54	Application of a nonpoint source (NPS) Pollution model (PESTFADE) to Assess and Manage Land and Water Resource Degradation of an Agricultural Watershed	Clemente, Roberto S.	UP Los Baños	Reprogrammed Funds	biotechnologist, agriculturists, environmentalists	18	2017	2018	Ongoing	550,000	
55	Distribution and Diet of the Common Palm Civet ( <i>Paradoxurus Philippinensis</i> , Jourdan 1837) in the Mt. Makiling Forest Reserve	De Guia, Anna Pauline O.	UP Los Baños	Reprogrammed Funds	surface scientists, environmentalists, physicists, chemists, researchers, engineers	18	2017	2018	Ongoing	550,000	
56	Analysis of Irrigation Structures Sensitivity and Perturbations in Support for the Development of Improved Operation and Management (O&M) of UPRIS	Delos Reyes, Mona Liza F.	UP Los Baños	Reprogrammed Funds	semiconductor industry	18	2017	2018	Ongoing	500,000	
57	Spiders of Philippine Forest Ecosystems (with Special Focus of Mt. Guiting-guiting and Mt. Makiling)	Dupo, Aimee Lynn B.	UP Los Baños	Reprogrammed Funds	environmentalists, economists	18	2017	2018	Ongoing	600,000	
58	Extraction and Characterization of Pectin from Various Fruit Processing Waste Products	Israel, Katherine Ann C.	UP Los Baños	Reprogrammed Funds	semiconductor industry	18	2017	2018	Ongoing	500,000	
59	Serological and Molecular Detection of Newcastle Disease Virus in Cattle Egrets in Central Luzon	Lastica-Ternura, Emilia A.	UP Los Baños	Reprogrammed Funds	cattle raisers, cattle breeders, researchers	18	2017	2018	Ongoing	50,000	
60	A Field Survey of Estrogenic Effects in Adult Male Tilapia ( <i>Oreochromis Niloticus</i> ) from the Seven Lakes of San Pablo City, Laguna	Paraso, Michelle Grace V.	UP Los Baños	Reprogrammed Funds	aquaculturists, fish, fishermen	18	2017	2018	Ongoing	550,000	

61	Morphometric and Molecular Analysis of Eggplant Fruit and Shoot Borer, <i>Leucinodes orbonalis</i> Guenee in the Philippines for Population Differentiation	Taylo, Lourdes D.	UP Los Baños	Reprogrammed Funds	food scientists, nutritionists	18	2017	2018	Ongoing	500,000	
62	Isolation and Molecular Characterization of <i>Salmonella</i> spp. In Commercial Chicken Eggs from Public Markets in Metro Manila, Philippines	Umali, Dennis V.	UP Los Baños	Reprogrammed Funds	researchers working on food safety and organic farming; reference for faculties teaching environmental physiology, endocrinology, agricultural systems, organic farming and the like; government policy makers of food safety and organic agriculture; people involved in the health and wellness program	18	2017	2018	Ongoing	500,000	
63	An Illustrated Checklist of the Hermit Crabs of the Remote Northern Mariana Islands, Including new Species Records	Malay, Maria Cecilia D.	UP Visayas	Reprogrammed Funds	agriculturists, commercial fisheries	18	2017	2018	Ongoing	550,000	
64	Impact of Island Formation on Desorption Kinetics During Temperature-Programmed Desorption: A Kinetic Monte Carlo Study	Albao, Marvin A.	UP Los Baños	Reprogrammed Funds	surface scientists, environmentalists, physicists, chemists, researchers, engineers	18	2017	2019	Ongoing	600,000	
65	Quorum Sensing Inhibitors for Veterinary Applications	Bandoy, Dj Darwin R.	UP Los Baños	Reprogrammed Funds	veterinarians	18	2017	2019	Ongoing	500,000	
66	Development of $\beta$ -cyclodextrin Microcapsules for Delivery of $\beta$ -carotene as Rice Fortificant	Flores, Floreindo P.	UP Los Baños	Reprogrammed Funds	agriculturists, food	18	2017	2019	Ongoing	550,000	
67	Detection of <i>Anaplasma</i> DNA in Milk and Blood from Dairy Cattle in CALABARZON (Region IV-A) Provinces through Nested Polymerase Chain Reaction	Galay, Remil L.	UP Los Baños	Reprogrammed Funds	dairy cattle raisers, dairy cattle breeders, researchers conducting research on ultrasonography,	18	2017	2019	Ongoing	500,000	
68	Monitoring the Implementation of RA 9003 (SWM Act) at the Barangay and Municipal Levels in Santa Cruz Watershed	Nguyen, Miriam R.	UP Los Baños	Reprogrammed Funds	environment, local govt, biodiversity conservation programs, researchers	18	2017	2019	Ongoing	500,000	
69	Optimization of Kalumpit ( <i>Terminalia Microcarpa</i> ) Antioxidant Extraction Protocol	Santiago, Dennis Marvin O.	UP Los Baños	Reprogrammed Funds	biotechnologist, agriculturists, food technologists, environmentalists	18	2017	2019	Ongoing	550,000	
70	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.	UP Los Baños	Reprogrammed Funds	researchers working on food safety and organic farming; reference for faculties teaching environmental physiology, endocrinology, agricultural systems, organic farming and the like; government policy makers of food safety and organic agriculture; people involved in the health and wellness program	18	2017	2019	Ongoing	550,000	

71	Babala ng Balang Araw at Iba Pang Abiso	Acuña, Arbeen R.	UP Diliman	Reprogrammed Funds	writers, literature students, communication and media specialists	18	2017	2019	Ongoing	450,000	
72	SAYSAY: The Philippine Essay in the 21st Century	Cruz, Conchitina	UP Diliman	Reprogrammed Funds	indigenous people, linguists, writers	18	2017	2019	Ongoing	500,000	
73	Musika ng Pananakop: Panahon ng Hapon sa Filipinas, 1942-1945	Navarro, Raul C.	UP Diliman	Reprogrammed Funds	indigenous people, artists	18	2017	2019	Ongoing	600,000	
74	Investigating Online Incivility and its Consequence on Online Discourse Engagement	San Pascual, Maria Rosel S.	UP Diliman	Reprogrammed Funds	industries, researchers	18	2017	2019	Ongoing	500,000	
75	Computer-Aided Discovery of Repurposed Drugs for Superbugs	Billones, Junie B.	UP Manila	Reprogrammed Funds	technologists, environmentalists, industry	18	2017	2019	Ongoing	600,000	
76	A Practical Guide to International Ballroom Styles and Filipino Social Dances	Dimarucut, Alberto L.	UP Diliman	Reprogrammed Funds	artists, dancers	18	2018	2019	Ongoing	500,000	
77	Multipartite Quantum States with Prescribed Properties	Pelejo, Diane Christine P.	UP Diliman	Reprogrammed Funds	researchers, mathematicians	18	2018	2019	Ongoing	500,000	
78	The Case of the Filipino-Korean Spouses Association (FKSA)	Encinas-Franco, Jean S.	UP Diliman	Reprogrammed Funds	indigenous people	18	2018	2019	Ongoing	500,000	
79	On Near-Perfect and Deficient-Perfect Numbers	Celeste, Richell O.	UP Diliman	Reprogrammed Funds	researchers, mathematicians	18	2018	2019	Ongoing	500,000	
80	Repetitions and Alterations: Dramaturgy of Collaborative Adaptations in the Philippines	Tiatco, Sir Anril P.	UP Diliman	Reprogrammed Funds	indigenous people, artists	18	2018	2019	Ongoing	550,000	
81	Communication Research Textbook Volume 3: Analyzing, Interpreting, and Reporting Communication and Media Research	Paragas, Fernando Dlc.	UP Diliman	Reprogrammed Funds	students, researchers	18	2018	2019	Ongoing	550,000	
82	K-12 Career Track Assessment Using Neural Networks (K12-CANN)	Nazareno, Allen L.	UP Los Baños	Reprogrammed Funds	students, researchers	18	2018	2019	Ongoing	500,000	
83	Screening for Phytochemicals and Antioxidant Compounds in Leaves, Fruit and Peel of Selected Philippine Mango Varieties	Ocampo, Eureka Teresa M.	UP Los Baños	Reprogrammed Funds	agriculturists, food	18	2018	2019	Ongoing	500,000	
84	Mix-and-Match: Development of a Ruthenium-Based Catalytic Hydrogenation of Esters to Alcohols Using Readily Accessible Ligands	Aguila, Mae Joanne B.	UP Los Baños	Reprogrammed Funds	biotechnologist, agriculturists, food technologists, environmentalists	18	2018	2019	Ongoing	550,000	
85	Biodiversity assessment of Philippine karst landscapes: taxonomic description of new species of cave and karst aquatic animals in Mindanao	Husana, Daniel Edison M.	UP Los Baños	Reprogrammed Funds	environmentalists, researchers	18	2018	2019	Ongoing	550,000	
86	CO2 adsorption and dissociation on Cu cluster supported on Cu(111): A density functional theory investigation	Padama, Allan Abraham B.	UP Los Baños	Reprogrammed Funds	semi-conductor industry	18	2018	2019	Ongoing	550,000	
87	Effects of Davao-Produced Compsts on Soil and Selected Crops (Pechay, Radish, Tomato, and Banana)	Millado, Cyrose Sozie S.	UP Mindanao	Reprogrammed Funds	environmentalists, economists, agriculturists	18	2018	2019	Ongoing	500,000	