

Enhanced Creative Work and Research Grant (ECWRG)
(Ongoing and Completed in 2016)

Project Title	ECWRG	CU	Funding Source	Beneficiaries	Duration (Months)	Start Date	End Date	Status	Grant Amount
1. Investigating the Adsorption and Dissociation of CO on Tungsten (100) Surface During Temperature-Programmed Desorption: A Kinetic	Albao, Marvin A.	UP Los Baños	Reprogrammed Funds	Surface scientists, environmentalists, physicists, chemists, researchers, engineers	18	2015	2016	Completed	600,000.00
2. Chinese-Filipino at a Time of Territorial Disputes: The Case of Tsinoy in Metro Manila (revised proposal title)	Clemente, Tina S.	UP Diliman	Reprogrammed Funds	Diplomats, foreign policy makers, economists, social scientists	18	2015	2016	Completed	550,000.00
3. Five Mindanao Writers: Their Lives and Times, Creative Processes, Themes and Styles, and Their Role in the Development of Mindanao Literature,	de Ungria, Ricardo M.	UP Mindanao	Reprogrammed Funds	Mindanao literature, Mindanao studies, indigenous people, artists, local writers	18	2015	2016	Completed	650,000.00
4. A Systematic Study of the Kapwa Concept in Sikolohiyang Pilipino: Initiating a Psychometric Approach	Gastardo-Conaco, Maria Cecilia	UP Diliman	Reprogrammed Funds	Social scientists, indigenous psychologists, sociologists	18	2015	2016	Completed	650,000.00
5. Documenting and Translating the Dumaracol, an Epic of the Kalamianen Tagbanua of Northern Palawan	Guiieb, Eulalio III R.	UP Diliman	Reprogrammed Funds	Indigenous people, art historians, linguists, writers	18	2015	2016	Completed	550,000.00
6. Assessment of Bacterial and Fungal Communities in Indoor Air Dust Obtained from Selected Primary Public School Buildings in Metro Manila through PCR_DGGE of the 16s rDNA Gene	Hallare, Arnold V.	UP Manila	Reprogrammed Funds	Public school communities, LGUs, health practitioners, epidemiologists	18	2015	2016	Completed	650,000.00
7. Pamamanhikan, Isang Pagtatala: Ang Entablado Bilang Tanghalan ng Lesbianang Karanasan at Pag-iral	Neri, Bernadette V.	UP Diliman	Reprogrammed Funds	Gender studies advocates, theater/stage performers, artists, writers	18	2015	2016	Completed	500,000.00
8. Synthesis and Evaluation of Glyceryl Monoesters as Evaporation Suppressants	Peralta, Milagros M.	UP Los Baños	Reprogrammed Funds	Rice and coconut farmers, fishpond owners, cutflower industry, LGUs	18	2015	2016	Completed	600,000.00
9. Taxonomy of Highly Endemic Palawan 10. <i>Begonia</i>	Rubite, Rosario R.	UP Manila	Reprogrammed Funds	Environment, local govt, biodiversity conservation programs, researchers	18	2015	2016	Completed	650,000.00
11. Terahertz Properties of GaAs: Mn Films	Salvador, Arnel A.	UP Diliman	Reprogrammed Funds	Terahertz and semiconductor industries, researchers, scientific community	18	2015	2016	Completed	650,000.00
12. Zeroth Order Diffraction Reduction in Diffractive Optical Elements	Tapang, Giovanni A.	UP Diliman	Reprogrammed Funds	Optics and microfabrication, entertainment industry	18	2015	2016	Completed	600,000.00
13. Specific Heat Capacity Studies in a Two-Dimensional Electron System with Rashba Spin-Orbit Coupling in Tilted Magnetic Fields	Villagonzalo, Cristine DLR.	UP Diliman	Reprogrammed Funds	Semiconductor industry, materials science researchers	18	2015	2016	Completed	600,000.00
14. Movement Without Moving: Visual Elements as Primary Tools in Dance and Choreography	Pineda, Roselle V.	UPD	Reprogrammed Funds	Dance instructors, dancers, choreographers, researchers	18	2015	2016	Completed	274,000
15. Optimization of a reduced dose of tiletamine-zolazepam combined with xylazine anesthesia and comparison with a standard dose of tiletamine-zolazepam for rumenotomy in goats	Abalos, Jovencio	UPLB	Reprogrammed Funds	Veterinary practitioners, biomedical field researchers who will be studying goats	18	2015	2016	Completed	500,000

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16. Waste tobacco stalk particles as glue filler in plywood manufacture	Acda, Menandro	UPLB	Reprogrammed Funds	Wood industry	18	2015	2016	Completed	650,000
17. Two-dimensional and M-mode ultrasonographic features of the heart of dairy cattle at different stages of reproduction and lactation	Acorda, Jezie	UPLB	Reprogrammed Funds	Dairy cattle raisers, dairy cattle breeders, researchers conducting research on ultrasonography, veterinary students working on diagnostic ultrasound	18	2015	2016	Completed	650,000
18. Influences of prior physicochemical stress exposures on the subsequent ultraviolet radiation susceptibility of selected foodborne pathogens in fruit juice systems	Alonzo, Gabriel	UPD	Reprogrammed Funds	Food scientists, nutritionists	18	2015	2016	Completed	600,000
19. Strange bedfellows, adversaries or partners? Assessing civil society's engagement in ASEAN Community Building (2000-2015)	Arugay, Aries	UPD	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
20. Harmful Marine Dinoflagellates in the Philippines	Azanza, Rhodora	UPD	Reprogrammed Funds	Environmentalists, researchers, aquaculturists, fish and shellfish farmers	18	2015	2016	Completed	650,000
21. On preserving the essential spectra and nullities of special expressions in a weighted space: A deeper analysis	Bacani, Jerico	UPB	Reprogrammed Funds	BS and MS Math students, young mathematicians	18	2015	2016	Completed	550,000
22. Assessing households' natural disaster preparedness in Bay, Laguna: Knowledge, attitude and practices survey	Bagarinao, Ricardo	UPOU	Reprogrammed Funds	Community disaster response teams	18	2015	2016	Completed	600,000
23. Plants and Culture: the Ethnobotany of Kabayan, Benguet Province with Special Emphasis on Plants used in mummification	Balangcod, Teodora	UPB	Reprogrammed Funds	Indigenous peoples, ethnobotanists	18	2015	2017	Ongoing	600,000
24. Writing Bikol and the Bikolnon, 190-1956: The Life and Works of Patricio M. Janer	Barbaza, Penafancia Raniela	UPD	Reprogrammed Funds	Literature writers	18	2015	2016	Completed	550,000
25. Structure/s of compound/s from Streptocaulon baumii Descne. that possess anti-tumor activity	Bartolome, Arlene	UPD	Reprogrammed Funds	Natural products, chemistry, biology and pharma-chemistry laboratories in the Philippines	18	2015	2017	Ongoing	450,000
26. Fishery and reproductive biology of the coconut crab, Birgus latro (Linnaeus 1767) on Caluya Island, Antique, Western Visayas, Philippines	Baylon, Juliana	UPV	Reprogrammed Funds	Agriculturist, fishermen	18	2016	2017	Ongoing	650,000
27. Settlement habitats of early stages of blue crab, Portunus pelagicus, in Northeast Panay	Campos, Wilfredo	UPV	Reprogrammed Funds	Agriculturists, commercial fisheries	18	2016	2017	Ongoing	650,000
28. Synthesis and Characterization of Electrode Materials for Lithium-ion Batteries	Cervera, Rhinlee Butch	UPD	Reprogrammed Funds	Lithium-ion industry	18	2015	2016	Completed	500,000

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29. Counterion distribution and the gelation process of iota-Carrageenan via molecular dynamics simulations	Claudio, Gil	UPD	Reprogrammed Funds	Food industry	18	2015	2017	Ongoing	500,000
30. Influence of thermal stress on a coral-associated bacterial community	Conaco, Cecilia	UPD	Reprogrammed Funds	Environmentalists	18	2015	2016	Completed	500,000
31. Echocardiographic features and measurements of dairy water buffaloes (<i>Bubalus bubalis</i> L.) at different stages of reproduction and lactation	Constante, Jesalyn	UPLB	Reprogrammed Funds	Veterinarians, dairy industry	18	2015	2016	Completed	500,000
32. Archaeological human crania from the University of San Carlos Museum: a study of modification	Crozier, Catherine Rebecca	UPD	Reprogrammed Funds	Archeologists	18	2015	2016	Completed	500,000
33. Transient dynamics of non-interacting charged particles in a nanotransistor with a time-varying gate potential	Cuansing, Eduardo Jr.	UPLB	Reprogrammed Funds	Semiconductor industry	18	2016	2017	Ongoing	550,000
34. History of the underground (1968-1986) (Documentary film)	Dalena, Sari Rissa	UPD	Reprogrammed Funds	Historians, researchers	18	2015	2016	Completed	550,000
35. Electrocatalytic reduction of carbon dioxide to formate using nano-structured tin oxide	Del Rosario, Julie Anne	UPD	Reprogrammed Funds	Semiconductor industry	18	2015	2016	Completed	500,000
36. Diksyonaryo-Gabay sa mga gawa ni Chuck Manansala	Eliserio, U	UPD	Reprogrammed Funds	Literature	18	2016	2017	Ongoing	550,000
37. Ultrafast Photocarrier Drift and Lifetime in LT-GaAs grown at different temperatures	Estacio, Elmer	UPD	Reprogrammed Funds	Semiconductor industry, researchers	18	2015	2017	Ongoing	600,000
38. Magnetic paleosecular variation in lavas of Luzon, Philippines	Faustino-Eslava, Decibel	UPLB	Reprogrammed Funds	Geologists	18	2016	2017	Ongoing	550,000
39. Dysfunctional digital demeanors: Tales from e-learning's dark side	Flor, Alexander	UPOU	Reprogrammed Funds	Information industry	18	2015	2016	Completed	650,000
40. Asymptotic expansions by non-asymptotic scales	Galapon, Eric	UPD	Reprogrammed Funds	Researchers, mathematician	18	2015	2016	Completed	600,000
41. Myth and writing: An anthology of occasional prose	Garcia, Jose Neil	UPD	Reprogrammed Funds	Creative writers	18	2015	2016	Completed	650,000
42. Isolation, purification, characterization of the protease in jackfruit (<i>Artocarpus heterophyllus</i>) leaves and latex and towards its commercialization	Garcia, Roberta	UPLB	Reprogrammed Funds	Jackfruit growers, food and beverage industry, consumers	18	2016	2017	Ongoing	550,000
43. Applications of laser crystal thin film fabricated via pulsed laser deposition	Garcia, Wilson	UPD	Reprogrammed Funds	Laser industry	18	2015	2016	Completed	600,000
44. Self-translation into English of the Hiligaynon Short Stories in the book "Sa Taguangan sang Duta" kag Iban Pa nga Sugilanon	Gonzales, Alicia	UPV	Reprogrammed Funds	Indigenous people, creative writers	18	2015	2017	Ongoing	650,000
45. Environmental and microbiological assessment of small scale vegetable farming systems irrigated with wastewater from Upper Balili River, La Trinidad, Benguet,	Gutierrez, Rosemary	UPB	Reprogrammed Funds	Farmers, environmentalist	18	2016	2017	Ongoing	550,000

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46. Screening and identification of thermo-tolerant bacteria and studies on genes for enzymes important in industry	Hedreya, Cynthia	UPD	Reprogrammed Funds	Food scientist/industry	18	2015	2016	Completed	650,000
47. Prospecting the diversity of soil and litter fungi for siderophores	Hipol, Roland	UPB	Reprogrammed Funds	Biotechnologist, agriculturists, food technologists, environmentalists	18	2016	2017	Ongoing	550,000
48. Native House Restorations and Rituals Toward Community-Based Tourism in the UNESCO World Heritage Batad Rice Terrace Cultural Landscape	Macapagal, Raymond	UPD	Reprogrammed Funds	Indigenous Ifugao communities in the following places: 1. Sitio Gabgab, Batad, Banaue, Ifugao 2. Sitio Balihong, Batad, Banaue, Ifugao 3. Sitio Babluy, Batad, Banaue, Ifugao	18	2015	2016	Completed	500,000
49. Understanding early Hominin diaspora and adaptation in island Southeast Asia: The 2015 archaeological excavation of Callao Cave, Northern Luzon, Philippines	Mijares, Armand	UPD	Reprogrammed Funds	Archeologists, historians, social scientist	18	2015	2016	Completed	550,000
50. Whole genome sequencing and comparative genomic analysis of a hypervirulent strain of <i>Ralstonia solanacearum</i> (T523-731) and its implication to bacterial wilt disease	Montecillo, Andrew	UPLB	Reprogrammed Funds	Botanists, farmers	18	2015	2016	Completed	500,000
51. Kayquit: Mga Kuwento ng Pagtunton at Paghahanap	Naval, Jimmuel	UPD	Reprogrammed Funds	Creative writers	18	2015	2017	Ongoing	650,000
52. Development of an Expert-Assisted Remote Microscopy Diagnostic Information System for Disease Surveillance and Outbreak Monitoring	Naval, Prospero Jr.	UPD	Reprogrammed Funds	Doctors, patients	18	2015	2016	Completed	600,000
53. Daang Bakal: Linking the heritage corridor of the Philippine National Railways from Tutuban to Dagupan	Navarra, Nappy	UPD	Reprogrammed Funds	Historians	18	2015	2016	Completed	500,000
54. Investigation on the differential expression of genes associated with spine formation in sago palm (<i>Metroxylon sagu</i> Rottb.) using RT-PCR	Novero, Annabelle	UPMin	Reprogrammed Funds	Food technologists/industry	18	2015	2016	Completed	550,000
55. Corrosion kinetics and passivation behaviour of engine steel in ethanol-gasoline (E10) blends in the Philippines	Ocon, Joey	UPD	Reprogrammed Funds	Steel industry	18	2016	2017	Ongoing	500,000
56. Ang Alamat ng Animas Anya (Ang Pagbabalik ni Maria Makiling, Ikalawang Aklat)	Ortiz, Will	UPD	Reprogrammed Funds	Literature	18	2015	2016	Completed	550,000
57. Development of a dot-blot ELISA for the immunodiagnosis of toxocara infection in humans	Paller, Vachel Gay	UPLB	Reprogrammed Funds	Health professionals patients	18	2015	2016	Completed	550,000
58. Elucidating the relationship of the Pujada Ophiolite and Bitaogan Metamorphics: Contributions to the better understanding of the geologic evolution of Mindanao island	Payot, Betchaida	UPD	Reprogrammed Funds	Archeologists, historians, indigenous people	18	2015	2016	Completed	500,000

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59. Well-posedness and stability of coupled fluid structure interaction models with or without delay	Peralta, Gilbert	UPB	Reprogrammed Funds	Aerodynamics, acoustics, medicine	18	2015	2016	Completed	500,000
60. Epic and patik: Cultural documentation and analysis of Manobo epic narratives and tattooing practices and its relation to indigenous spirituality	Ragragio, Andrea Malaya	UPMin	Reprogrammed Funds	Indigenous people	18	2015	2016	Completed	500,000
61. Coastal geomorphic features of islands in southwest Luzon and their tectonic implications	Ramos, Noelynna	UPD	Reprogrammed Funds	Geologists	18	2015	2017	Ongoing	500,000
62. Meanings and Consequences of the Philippines- China Maritime Conflicts for the Villagers of Masinloc, Zambales	Raymundo, Sarah Jane	UPD	Reprogrammed Funds	GU Community	18	2015	2016	Completed	500,000
63. Testimonya at pakikibaka ng mga detinidong politikal sa Pilipinas	Rodriguez, Rommel	UPD	Reprogrammed Funds	Human rights organizations and advocates; People's organizations; Students and faculty; Political prisoners	18	2016	2017	Ongoing	550,000
64. Taxonomic of the highly endemic herbaceous plant Begonia of Panay Island	Rubite, Rosario	UPM	Reprogrammed Funds	Botanists	18	2016	2017	Ongoing	650,000
65. Functional and genetic analysis of a dopamine receptor missense variant in an in-house mouse model of hyperactivity disorder (ADHD)	Saloma, Cynthia	UPD	Reprogrammed Funds	People with ADHD	18	2015	2016	Completed	650,000
66. Arresting the spread of precarious non-standard employment in formal enterprises in Metro Manila: What role for trade unions?	Serrano, Melisa	UPD	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
67. Air pollution tolerance index of selected trees in parks and major roadsides of Metro Manila	Sia Su, Glenn	UPM	Reprogrammed Funds	General public and immediate LGU and the MMDA (greening project of Metro Manila)	18	2016	2017	Ongoing	550,000
68. Photocarrier distribution and dynamics in MBE-grown quantum well systems	Somintac, Armando	UPD	Reprogrammed Funds	Semiconductor industry	18	2015	2016	Completed	550,000
69. The politics of "educating" the Philippine technocratic elite	Tadem, Teresa	UPD	Reprogrammed Funds	Social scientists	18	2015	2016	Completed	650,000
70. Theatre and cosmopolitanism: Looking for the cosmopolitan stage in the Metropolitan Manila area	Tiatco, Sir Anril	UPD	Reprogrammed Funds	Artists	18	2015	2016	Completed	500,000

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71. @RTDAGLI: Maikling-maikling kwentong SMS at tweets	Tolentino, Roland	UPD	Reprogrammed Funds	Reading public, literature students, communication and media specialists	18	2016	2017	Ongoing	650,000
72. A Shinsaku (newly created) Noh staging of Ericson Acosta's Monumento, a play on the life of Andres Bonifacio	Umali, Amparo	UPD	Reprogrammed Funds	Artists	18	2015	2016	Completed	550,000
73. Plasma and ion beam based modification of nanostructures surfaces	Vasquez, Magdalena	UPD	Reprogrammed Funds	Semiconductor industry	18	2016	2017	Ongoing	500,000
74. The organochlorine pesticide residues: Effects on productivity and issues on food safety of mallard ducks (Anas platyrhynchos L.)	Vega, Renato	UPLB	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	vega	2017	Ongoing	600,000
75. Development of surface-modified nanocrystalline cellulose for metal ions removal in wastewater	Ventura, Jey-R	UPLB	Reprogrammed Funds	Semiconductor industry	18	2016	2017	Ongoing	500,000
76. A preliminary study on the effects of Mentha cordifolia Opiz (yerba buena) leaf extracts in the NF-kappaB signaling pathway	Victoriano, Ann Florence	UPM	Reprogrammed Funds	Biotechnologists	18	2016	2016	Completed	550,000
77. Removal of heavy metals from laboratory waste water using chitosan-activated carbon composite	Villarante, Nelson	UPM	Reprogrammed Funds	Semiconductor industry	18	2015	2017	Ongoing	600,000
78. From experiential to transformational tourism: How tourism has changed stakeholders in disaster-stricken destinations	Villegas, Victoria	UPD	Reprogrammed Funds	Tourism industry	18	2015	2016	Completed	500,000
79. Assessment of bacterial aerosols and occupational exposure risk in landfill sites of Metro Manila, Philippines	Vital, Pierangeli	UPD	Reprogrammed Funds	Scientists, microbiologists, and environmentalists, workers in different occupational environments and health professionals	18	2015	2016	Completed	500,000
80. The life history of Yamashita-san - Ama - linking maritime cultural relics of Japan and the Philippines	Zayas, Cynthia	UPD	Reprogrammed Funds	Republic of Korea—Culture of Jeju Haenyeo (women divers); 3-500 readers of my article in Agham Tao. scholars & educators; 50 listeners to my presentation	18	2015	2016	Completed	650,000

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81. 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.	UPD	Reprogrammed Funds	Artists	18	2016	2018	Ongoing	500,000
82. Sa Pakpak ng Tula 2	Aguila, Reuel	UPD	Reprogrammed Funds	Literature	18	2016	2018	Ongoing	550,000
83. Computational and Statistical Approaches in Deciphering the Key Molecular Structure-Derived Properties of Medicinal Compounds	Billones, Liza T.	UPM	Reprogrammed Funds	Bioinformaticians	18	2016	2018	Ongoing	500,000
84. Optimal Control Strategies of Regulating the "Go or Grow" Dynamics of Glioblastoma Multiforme	Delos Reyes, Aurelio V A.	UPD	Reprogrammed Funds	Oncologists	18	2016	2018	Ongoing	500,000
85. The Role of High Value Markets (Supermarkets, Specialty Stores and Exports) in Preserving the Environment	Digal, Larry N.	UPMin	Reprogrammed Funds	Environmentalists, economists	18	2016	2018	Ongoing	650,000
86. Isolation and Identification of Bacteria Producing Nanocellulose for Biomaterial Applications	Franco, Rose Ann G.	UPLB	Reprogrammed Funds	Biomedical engineers	18	2016	2018	Ongoing	500,000
87. Application of the PRECEDE-PROCEED Model in the Development of Evidence-based Intervention for Drowning Prevention	Guevarra, Jonathan P.	UPM	Reprogrammed Funds	Community Residents, Health Promotion and Education Practitioners	18	2016	2018	Ongoing	500,000
88. "Investigation of the Antagonistic Activity of Lactobacillus spp. Against Enteropathogenic Bacteria"	Ibana, Joyce A	UPD	Reprogrammed Funds	Biologists, health professionals, biomedical researchers	18	2016	2018	Ongoing	550,000
89. Homogenization and Controllability of parabolic Equations with Interfacial Contact Resistance through Rough Surfaces	Jose, Editha C.	UPLB	Reprogrammed Funds	Mathematicians	18	2016	2018	Ongoing	500,000
90. Coccolithopore Occurences in Philippine waters	Peleo-Alampay, Alyssa M.	UPD	Reprogrammed Funds	Geologists, biologists, students studying the marine environment, marine scientists	18	2016	2018	Ongoing	600,000
91. 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.	UPLB	Reprogrammed Funds	Semi-conductor industry	18	2016	2018	Ongoing	550,000
92. Evolutionary Decision Games in Complex Biological Interactions at the Edge of Catastrophe	Rabajante, Jomar F.	UPLB	Reprogrammed Funds	Environmentalists, mathematicians	18	2016	2018	Ongoing	500,000
93. Investigating the Phenology of Native Trees in the Ayta Ancestral Domain in the Pampanga foothills of Mt. Pinatubo	Ragragio, Elena M.	UPM	Reprogrammed Funds	Indigenous peoples	18	2016	2018	Ongoing	500,000

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94. 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.	UPLB	Reprogrammed Funds	environmentalists	18	2016	2018	Ongoing	500,000