

ECWRG Masterlist

Enhanced Creative Work and Research Grant														
Data as of 05 June 2020														
	Project Title	Name of Proponent	Unit	CU	Funding Source	Year	Rank	Start	End	Approved Extension	Status	Total Approved Budget	Output/Publication	Other Output
1	Optical and Structural Properties of GaAs Nanowires	Somintac, Armando	CS	UPD	CWRG	2011	Professor 3	2011-11-15	2012-08-15	2012-11-14	COMPLETED	273,000.00	Ibanes, J. J., Balgos, M. H., Jaculbia, R., Salvador, A., Somintac, A., Estacio, E., Que, C. T., Tsuzuki, S., Yamamoto, K., & Tani, M. 2013. Terahertz emission from GaAs-AlGaAs core-shell nanowires on Si (100) substrate: Effects of applied magnetic field and excitation wavelength. Applied Physics Letters 102 no. 6 : 063101.	
2	Exploration of the Electronic-Magnetic Properties and Solid State Miscibility of the Compound Ba-(Fe/Bi)-O	Sarmago, Roland V.	CS	UPD	CWRG	2011	Professor 11	2011-10-01	2012-07-01	2012-09-30	COMPLETED	474,000.00	Elvina, J. A., & Sarmago, R. V. 2010. Increased conductivity and distortion in Fe - doped BaBiO3. 28th SPP Physics Congress. Thesis	
3	MBE Grown Multilayer Semiconductors as Terahertz Emitters	Salvador, Arnel A.	CS	UPD	CWRG	2011	Professor 12	2011-11-15	2012-08-15	2012-11-14	COMPLETED	474,000.00	Sadia C. P., Laganapan A. M., Tumanguil, M. A., Estacio, E., Somintac, A., & Salvador, A. 2012. Intense terahertz emission from molecular beam epitaxy-grown GaAs/GaSb (001). Journal of Applied Physics 112 123514. Scopus	
4	Revision of Philippine Begonia	Rubite, Rosario	CAS	UPM	CWRG	2011	Professor 11	2011-08-01	2012-05-01	2012-07-31	COMPLETED	395,000.00	Rubite, R. 2013. Begonia section Petermannia of Luzon Island, the Philippines. Philippine Journal of Science 142, 183-197. ISI Ang Y.P., Tandang D.N., Rubite R.R., Bustamante R.A.A.2020.Begonia beijnenii (Begoniaceae, section Baryandra), a new species of Begonia from San Vicente, Palawan, the Philippines. Phytotaxa. 10.11646/phytotaxa.455.3.2	
5	DNA Methylation Profile of Juvenile and Mature Sago Palm (Metroxylon sagu Rottb.) Leaves in Relation to Armature	Novero, Annabelle	CSM	UP Min	CWRG	2011	Associate Professor 6	2011-06-01	2012-03-01	2012-05-31	COMPLETED	240,000.00	Novero, A., & Esteban, H. J. 2012. Epigenetic inheritance of spine formation in Sago Palm (Metroxylon sagu Roettb). Plant Omics Journal 5(6): 559-566. ISI	
6	Traffic Flow: Group Movement, Staggered Releases, and Other Interventions	Lim, May	CS	UPD	CWRG	2011	Associate Professor	2011-05-01	2012-02-01	2012-04-30	COMPLETED	286,000.00	Combinido, J. S. L., & Lim, M. T. 2012. Crowding effects in vehicular traffic. PLOS One 7.11: e48151.	
7	Beyond All Orders Asymptotics of the Quantum Tunneling Index of Refraction for Tall Potential Barriers and Quasi-monochromatic Incident Wave-packets	Galapon, Eric	CS	UPD	CWRG	2011	Associate Professor	2011-11-15	2012-08-15	2012-11-14	COMPLETED	293,000.00	Galapon, E. 2012. Quantum time of arrival Goursat problem. Journal of Mathematical Physics 53 043702. Scopus	
8	LUAL – Transforming the Kiln and the Firing Process into an Art Form Embodying the Relationship of Birthing and Firing	Gudiño, Ma. Rita	CAL	UPD	CWRG	2011	Assistant Professor	2011-03-01	2011-12-01	2012-02-29	COMPLETED	175,000.00	Actual performance of a creative work. 2015 Video Link: https://www.youtube.com/watch?v=LY0cwUoozmE https://www.youtube.com/watch?v=3cjeDqv8iJg	
9	Panlipunang Kasaysayan at Kritisismo ng Muling Pagsasalaysay: Mula kay Rizal hanggang kay Evasco	Yu, Rosario	CAL	UPD	CWRG	2011	Professor	2011-05-01	2012-02-01	2012-04-30	COMPLETED	400,000.00	Yu, R. T. 2012. Muling Pagsasalaysay ni Jose Rizal ng Ang Buhay ni Matsing at Pagong: Ang Talas ng Mahina Laban sa Tuso ng Malakas Retelling of Jose Rizal's Ang Buhay ni Matsing at Pagong: The Sharpness of the Weak Against the Wit of the Strong. Malay 25.1 77-90. Dela Salle University Manila.	

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10	The MANDAYA World: Stories for Children	Lee, Ma. Araceli Dans	CAL	UPD	CWRG	2011	Associate Professor	2011-06-01	2012-03-01	2012-05-31	COMPLETED	295,000.00	Lee, M. D. 2013. "Maylan and his Toy Top". Adarna House, Inc.	
11	The MANDAYA World: Stories for Children	Lee, Ma. Araceli Dans	CAL	UPD	CWRG	2011	Associate Professor	2011-06-01	2012-03-01	2012-05-31	COMPLETED		Lee, M. D., & Escano, M. T. R. 2013. PIAGSUGPATAN: Mandaya Stories for Children. Adarna House, Inc.	
12	The Filipino Cinema of 2000-2009 (The Urian Anthology 2000-2009)	Tiongson, Nicanor G.	CMC	UPD	CWRG	2011	Professor	2011-11-01	2012-08-01	2012-10-31	COMPLETED	474,000.00	Tiongson, N. G. 2013. The Urian Anthology, 2000-2009: The Rise of the Philippine New Wave Indie Film : Film Articles, Reviews, and Interviews of the Manunuri Ng Pelikulang Pilipino on the Filipino Cinema, 2000-2009 . University of the Philippines Press	
13	Ang Musika sa Filipinas: Mga Panapanahong Diskurso – Pre-kolonyal, Kolonyal, Neo-kolonyal	Navarro, Raul		UPD	CWRG	2011	Associate Professor	2011-12-01	2012-09-01	2012-11-30	COMPLETED	314,000.00	Navarro, R. 2015. Musika sa Kasaysayan ng Filipinas: Panapanahong Diskurso. University of the Philippines Press	
14	Teksto at Konteksto, 1970-1999: Mga Sanaysay hinggil sa Malikhaing Pagsulat	Aguila, Reuel	CAL	UPD	CWRG	2011	Associate Professor 6	2011-05-01	2012-02-01	2012-04-30	COMPLETED	218,000.00	Aguila, R. 2016. Teksto at Konteksto. University of the Philippines Press	
15	A Novel Algorithm for the Analysis Reconstructed Vortex Phase Maps	Almoro, Percival	CS	UPD	CWRG	2011	Professor 3	2011-11-15	2012-08-15	2012-10-16	COMPLETED	293,000.00	Catalan, F., Maallo A., & Almoro, P. 2012. Fringe analysis and enhanced characterization of sub-surface defects using fringe-shifted shearograms. Optics Communications 285, 4223-4226. Scopus	
16	Dishonesty and disgrace: A remark of University of the Philippines' responses to alleged acts of plagiarism committed by members of its faculty, 1908-2010	Ariate, Joel Jr. F		UPD	CWRG	2011	University Researcher	2011-12-01	2012-09-01	2012-11-30	OUTPUT for submission	169,000.00		
17	Exploring the organizing mechanism of 4Ps in Barangay Pasong Tamo and Tandang Sora, Quezon City from human capital to social capital	Banez, John E.		UPD	CWRG	2011	Assistant Professor 5	2011-10-15	2012-07-15	2012-11-13	OUTPUT for submission	196,000.00		
18	Disaster Plans of Selected Filipino Families	Bantang, Joanne R.		UPD	CWRG	2011	Assistant Professor 7	2012-02-01	2012-11-01	2013-01-31	OUTPUT for submission	242,000.00		
19	Asinta sa Centennial ni Aurelio V. Tolentino at Kilatis sa Komedyang	Chua, Apolonio		UPD	CWRG	2011	Associate Professor	2011-07-01	2012-04-01	2012-06-30	COMPLETED	369,000.00	Chua, A. B. 2018. Paano Ipinagpatuloy ang Tradisyon ng Komedyang? Ilang Piling Tutok. Humanities Diliman. Scopus	
20	Asinta sa Centennial ni Aurelio V. Tolentino at Kilatis sa Komedyang	Chua, Apolonio		UPD	CWRG	2011	Professor	2011-07-01	2012-04-01	2012-06-30	COMPLETED		Chua, A. B. 2018. N6 Theatre and Cultural Diplomacy, with a Glimpse into Philippine Practices. University of Bologna Digital Library	
21	Asinta sa Centennial ni Aurelio V. Tolentino at Kilatis sa Komedyang	Chua, Apolonio		UPD	CWRG	2011	Professor	2011-07-01	2012-04-01	2012-06-30	COMPLETED		Chua, A. B. 2014. Orihinales: Panimulang Pagtatala ng Danas sa Paghulma ng mga Dulang Tradisyunal nang Panahon ng Batas Militar. University of the Philippines Press	
22	Agimat, anting-anting at iba pang kababalaghan: The definitive Revilla	Jamon, Roehl L.		UPD	CWRG	2011	Professor	2011-12-01	2012-09-01	2012-11-30	COMPLETED	254,000.00	Jamon, R. L. 2012. Agimat, anting-anting at iba pang kababalaghan: The definitive Revilla. University of the Philippine Press	
23	Modeling the Institutionalization of Mother Tongue-based Multilingual Education in Pangasinan: Contextual Analysis	Manzano, Virgilio U.		UPD	CWRG	2011	Professor	2011-11-15	2012-08-15	2012-11-14	OUTPUT for submission	377,000.00		
24	A phonetic analysis of speech data from four non-Tagalog languages	Nolasco, Ricardo M.		UPD	CWRG	2011	Associate Professor 7	2010-02-01	2010-11-01	2011-01-31	OUTPUT for submission	248,000.00		

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25	Synthesis of Silicon Nitride Using the Magnetized Sheet Plasma Ion Source	Ramos, Henry J.		UPD	CWRG	2011	Professor	2011-10-01	2012-07-01	2012-09-30	OUTPUT for submission	474,000.00		
26	Malaria Imaging and Detection - Enabling Health Centers through Computer Vision	Soriano, Maricor N.		UPD	CWRG	2011	Professor 7	2011-10-01	2012-07-01	2012-09-30	COMPLETED	367,000.00	Crisologo, I., Monterola, C., Soriano, M. 2011. STATISTICAL FEATURE-BASED CRAQUELURE CLASSIFICATION. International Journal of Modern Physics C Vol. 22 Issue 11, pp 1191-1209.	
27	Peel Wastes of Santol, Pineapple and Dalanghita as Lead and Cadmium Biosorbents in Manila Tap Water	Solidum, Judilynn N.		UPM	CWRG	2011	Associate Professor 4	2011-12-01	2012-09-01	2012-11-30	COMPLETED	310,000.00	Solidum, J. N. 2013. Peel wastes of Ananas comosus (L.) Merr., Sandoricum koetjape Merr., Citrus nobilis Lour. as lead and cadmium biosorbent in Manila tap water. Journal of Environmental Science and Management 16(2), 28-35. ISI	
28	Exploring the Connectivity of Reef Fish Populations along the Eastern and Southern Coast of Mindanao	Nañola, Cleto Jr.		UPMin	CWRG	2011	Assistant Professor 4	2011-12-01	2012-09-01	2013-10-15	COMPLETED	259,000.00	Nañola Jr., C. L., Cabasan, J. P., & Solier, M. G. D. 2014. Population connectivity of two reef fishes Acanthochromis polyacanthus and Ctenochaetus binatus using morphometrics and molecular genetics. Journal of the Society for Coastal Ecosystems Studies - Asia Pacific. Non ISI/Scopus	
29	Seven Davao writers: Their creative process and their role in the development of Davao literature	De Ungria, Ricardo M.		UPMin	CWRG	2011	Professor 12	2011-12-01	2012-09-01	2012-11-30	COMPLETED	474,000.00	De Ungria, R. 2015. Seven Davao Writers: Their Creative Process and Their Role In The Development of Davao Literature. University of the Philippines Press	
30	Exploring Philippine Cemeteries: Alive and Dynamic Spaces	Tesoro, Mary Grace Lualhati B.		UPD	CWRG	2011	Associate Professor 6	2010-02-01	2010-11-01	2011-01-31	COMPLETED	192,000.00	Barretto-Tesoro, L. M. G. 2012. Heritage Structures in Two Manila Cemeteries. ACCU Nara International Correspondent The Ninth Regular Report. 33-36. Nara, Japan: Cultural Heritage Protection Cooperation Office, Asia Pacific Cultural Centre for UNESCO (ACCU) Barretto-Tesoro, M. G. L., Reyes, J. T. 2013. Fame and Fortune in Two Philippine Cemeteries: Tombstones as Extensions of Identity, in Materializing Southeast Asia's Past. 12th International Conference of the European Association of Southeast Asian Archaeologists, Volume 2, 253-267. National University of Singapore Press	

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31	Wrapping Cultures, Translocal Connections: Ritual Use and Capital of the Kinuttiyan (Funerary Death Blankets) in the Philippine Cordillera, North Luzon	Amores, Analyn Salvador		UPB	CWRG	2012	Assistant Professor 5	2012-11-12	2013-08-12	2013-11-11	COMPLETED	280,000.00	Salvador-Amores, A. 2015. Tracing Local History through Object Biography: The Case of the Isinay Uwes Pinutuan (Ikat Blanket)' 2015. Journal of History 61: 97-122. Scopus Salvador-Amores A. 2016. Afterlives of Dean C. Worcester Colonial Photographs: Visualizing Igorot Material Culture from Archives to the Cordilleras, north Luzon' 2016. Visual Anthropology 29:1, 54-80. Scopus Salvador-Amores A. 2018. Resignifying Kinuttiyan (Ikat Blanket) in the Philippine Cordillera: Translocal Connections and Ritual Use. vol. 47 , Issue 1-2 pp. 53-93. Urban Anthropology and Studies of Cultural Systems and World Economic Development. Scopus	
32	Righting Sexual Wrongs: Towards Gender- and Culturally Sensitive Methodologies for Integrating Sexual and Reproductive Health and Rights in Disaster Risk Reduction Health and Management in the Philippines	Alburo, Kaira Zoe K.		UPCebu	CWRG	2012	Assistant Professor 1	2012-11-01	2013-08-01	2013-10-31	COMPLETED	217,000.00	Alburo-Cañete, K. Z. 2014. Bodies at risk: Managing sexuality and reproduction in the aftermath of disaster in the Philippines. Gender, Technology and Development 18 (1), 33-51. Scopus	
33	Abundance and Population Profile of an Endemic Snail, Helicostyla daphnis, in Argao and Borbon, Cebu, Philippines	Flores, Mary Joyce		UPCebu	CWRG	2012	Assistant Professor 6	2012-12-01	2013-09-01	2013-11-30	COMPLETED	283,000.00	Flores, M. J. L. 2014. Abundance and population profile of Helicostyla daphnis (Stylommatophora: Bradybaenidae), an endemic snail of Cebu, Philippines. Journal of Biodiversity and Environmental Sciences 5(1), 477-491 (Open Access). ISI	
34	Women Dating Younger Men and Other Odd Coupling: Defying Human Nature	Mende, Rowena		UPCebu	CWRG	2012	Associate Professor	2012-01-16	2012-10-16	2013-01-15	OUTPUT for submission	261,000.00		
35	Teachers to be Developers of ESL Courseware for Sustainable Development and Intercultural Competence	Vilbar, Aurelio P.		UPCebu	CWRG	2012	Assistant Professor	2012-11-16	2013-08-16	2013-11-15	COMPLETED	257,000.00	Vilbar, A. P. 2016. Training teachers to develop interactive multimedia ESL courseware for ASEAN Community and sustainable development. IEEE Xplore Journal. ISI	
36	On Modeling Dopamine D1 Receptor Trafficking and Availability			UPD	CWRG	2012	Associate Professor	2012-10-16	2013-07-16	2013-10-16	COMPLETED	389,000.00	Villar, J. J., Lubenia, P. V., Mendoza, E. R., & Pilar-Arceo, C. P. 2019. Structural Stability Analysis of Models of Dopamine Synthesis and D1 Receptor Trafficking in RPT Cells using CRNT. Philippine Journal of Science 148(3), 523-533. WoS	
37	A Membrane-based Finite Element Model of Accomodation of the Human Lens Capsule	David, Fredegusto Guido		UPD	CWRG	2012	Associate Professor	2012-04-01	2013-01-01	2013-03-31	COMPLETED	276,000.00	David, G., Pedrigi, R. M., & Humphrey, J. D. 2016. Accommodation of the human lens capsule using a finite element model based on nonlinear regionally anisotropic biomembrane. Computer Methods in Biomechanics and Biomedical Engineering 302-307. http://dx.doi.org/10.1080/10255842.2016.1228907 ISI	

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38	Understanding Contemporary Philippine Political Ideas	Tigno, Jorge		UPD	CWRG	2012	Associate Professor	2012-04-16	2013-01-16	2013-04-15	COMPLETED	351,000.00	Tigno, J. 2015. Thinking in Politics: Readings in Contemporary Philippine Political Ideas. University of the Philippines Press	
39	Xanthine Oxidase Inhibitory Activity of Some Leguminosae Plants	Hernandez, Christine C.		UPD	CWRG	2012	Associate Professor 1	2012-11-05	2013-08-05	2013-10-31	COMPLETED	306,000.00	Argulla, L. E., & Chichioco-Hernandez, C. L. 2014. Xanthine oxidase inhibitory activity of some Leguminosae plants. Asian Pacific Journal of Tropical Disease 4(6), 438-441	
40	Ang pagbabalik ni Aya Maquilang	Ortiz, Will P.		UPD	CWRG	2012	Associate Professor 1	2012-03-01	2012-12-01	2013-02-28	COMPLETED	231,000.00	Ortiz, W. 2012. Ang Pagbabalik ni Mariang Makiling (Unang Aklat). University of the Philippines Press.	
41	Reimag[ing] the Nation: The Philippine Center for Advanced Studies (PCAS) Ethnographic Survey during the Marcos Period	Santamaria, Matthew		UPD	CWRG	2012	Associate Professor 2	2012-02-01	2012-11-01	2013-01-31	COMPLETED	367,000.00	Canete, R. R., Santamaria, M. C. M., & Valentin, M. S. 2014. Sulu Sojourns: Photo-ethnography and political discourses on Four Ethno-Linguistic Groups in the Sulu and Tawi-Tawi Archipelagoes. Philippine Political Science Journal 35(2), 136-157. ISI	
42	Outcomes of Participation of PO Leaders in Local and National Governance	Bawagan, Aleli B.		UPD	CWRG	2012	Associate Professor 3	2012-01-03	2012-10-03	2013-02-04	OUTPUT for submission	293,000.00		
43	Tracing the Genealogy of Philippine Music Composition in Sources from Mid-19th Century to 1920s, as Found in Selected Archives in Manila	Buenconsejo, Jose		UPD	CWRG	2012	Associate Professor 5	2012-01-21	2012-10-21	2013-02-22	COMPLETED	333,000.00	Iñigo-Chua, M. A. 2013. Composing the Filipino: Music Transculturation and Hybridity in Nineteenth Century Urban Colonial Manila (1858-1898). UP Music Library	Bawagan, A., Cayabyab, A., Lagos, D., Obedicen, V., Vallejos, C., & Vallejos, R. (2013). PO Leaders in Local and National Governance Mechanisms: Can it Work?. Philippine Journal of Social Development Vol 5, pp 33-57. College of Social Work and Community Development, University of the Philippines
44	Microbial Risk Assessment of Agricultural Waters and Produce in the Philippines	Rivera, Windell		UPD	CWRG	2012	Associate Professor 5	2012-11-01	2013-08-01	2013-10-31	COMPLETED	381,000.00	Vital, P. G., Dimasuay, K. G. B., Widmer, K. W., & Rivera, W. L. 2014. Microbiological quality of fresh produce from open air markets and supermarkets in the Philippines. The Scientific World Journal. ISI	
45	The re-staging of Ang Paglalakbay ni Sisa: Isang Noh sa Laguna	Umali, Amparo A.		UPD	CWRG	2012	Associate Professor 5	2012-10-16	2013-07-16	2013-10-15	COMPLETED	377,000.00	Performance at UP Theater on 10 February 2013; Performance at CCP on 12 February 2013; An article re performance was published in a Feb 2013 issue of the Philippine Star	
46	Integrating Non-functional Requirements (Security) into Software Engineering Best Practices	Festin, Susan P.		UPD	CWRG	2012	Associate Professor 6	2012-01-16	2012-10-16	2013-01-15	OUTPUT for submission	314,000.00		
47	Philippine Studies, Pilipinohiya, Araling Pilipino sa Wikang Filipino: Tungo sa Pagbubuo ng Pambansang Pangkalinangang Diskurso	Rodriguez, Mary Jane B.		UPD	CWRG	2012	Assistant Professor 4	2012-05-01	2013-02-01	2013-04-30	COMPLETED	231,000.00	Rodriguez, M. J. 2015. Philippine Studies/Araling Pilipino/Pilipinolohiya sa Wikang Filipino: Pagpopook at Pagdadalumat sa Loob ng Kapantasang Pilipino. Humanities Diliman. Scopus	

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48	Educational Comics on Genetically Modified Organisms (GMOs) as an Instructional Material in Teaching Molecular Biology and Biotechnology for Non-Science Major Students	Monotilla, Wilberto		UPD	CWRG	2012	Assistant Professor 5	2012-11-16	2013-08-16	2013-11-15	OUTPUT for submission	274,000.00		
49	A Multigrid Method for Regularized State-constrained Optimal Control Problems	Vallejos, Michelle		UPD	CWRG	2012	Assistant Professor 6	2012-08-16	2013-05-16	2013-08-15	COMPLETED	251,000.00	Borzi, A., Park, E. J., & Vallejos, M. 2015. Multigrid optimization Methods for the Optimal Control of Convection-Diffusion Problems with Bilinear Control. Journal of Optimization Theory and Applications. doi: 10.1007/s10957-015-0791-z.	
50	QWERTY	Lejano, Eduardo Jr.		UPD	CWRG	2012	Assistant Professor 7	2012-10-01	2013-07-01	2013-09-30	COMPLETED	283,000.00	Creative output, a film, has been released. 2012 Video Link: https://www.youtube.com/watch?v=NW1ZtA0TF78	
51	Spiritual Intelligence of the UP Officials and Its Possible Contributions to the General Education Signature Course being Designed by the UP Office the Vice President for Academic Affairs	Hernandez, Antoinette		UPD	CWRG	2012	Professor 1	2012-10-23	2013-07-23	2013-10-22	9th-month report/ Output	434,000.00		
52	Fundamental Physics and Masroscopic Irreversibility	Magpantay, Jose		UPD	CWRG	2012	Professor 12	2012-11-01	2013-08-01	2013-10-31	COMPLETED	547,000.00	Magpantay, J. 2013. Microscopic irreversibility and the H Theorem. International Journal of Modern Physics. Scopus	
53	The Archaeology of the Island of Camiguin	Paz, Victor J		UPD	CWRG	2012	Professor 3	2012-07-06	2013-04-06	2013-06-05	COMPLETED		Lee, A. M. N, Paz, V. J, Roa, A. P. R., Rragio, A. M. M., & Carlos, A. J. B. 2010. Archaeological survey of the Island of Camiguin, Northern Mindanao. 38, 231-267. Philippine Quarterly of Culture and Society. Non ISI/Scopus	
54	Shakespeare in Philippine Literature	Ick, Judy Celine		UPD	CWRG	2012	Professor 5	2012-11-01	2013-08-01	2013-10-31	COMPLETED	469,000.00	Ick, J. C. 2014. The Undiscovered Country: Shakespeare in Philippine Literatures. Kritika Kultura. AHCI	
55	Social Origins of the Martial Law Technocrats: Paving the Path for Government Service	Tadem, Teresa		UPD	CWRG	2012	Professor 8	2012-02-01	2012-11-01	2013-01-31	COMPLETED	441,000.00	Tadem, T. E. V. 2012. The Trials and Tribulations of a Chief Technocrat. Philippine Political Science 33(1), 23-37Journal. ISI	
56	Genetic Variation in Coffee Varieties Grown in the Philippines	Cao, Ernelea		UPD	CWRG	2012	Professor 9	2012-01-01	2012-10-01	2012-12-31	COMPLETED	441,000.00	Cao, E. P, Constantino-Santos, D. M., Ramos, L. A. P., Santos, B. S., Quilang, J. P., & Mojica, R. M. 2014. Molecular and morphological differentiation among Coffea (Rubiaceae) varieties grown in the farms of Cavite Province, Philippines. Philippine Science Letters 7, 387-397. ISI	
57	Effectiveness of Radio-based Family Literacy Program on Literacy and Numeracy Knowledge of Children, Parents and Caregivers	Pado, Felicitas		UPD	CWRG	2012	Professor9	2012-01-01	2012-10-01	2012-12-31	COMPLETED	441,000.00	Submitted proof of acceptance.	
58	The Mules: Devising performance from personal narratives of incarcerated women drug couriers	Calingacion, Belen		UPD	CWRG	2012	Professor	2012-02-01	2012-11-01	2013-01-30	COMPLETED	474,000.00	Performance of narratives on 22 July 2013; Repeat performance on 5 August 2013	

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59	Pag Mabilis Umalis, Di Naman Dumating at Iba pang Kwento	Tolentino, Rolando		UPD	CWRG	2012	Professor 12	2012-12-16	2013-09-16	2013-12-15	COMPLETED	194,000.00	Tolentino, R. 2015. Kung Mabilis na Umalis Baka Di Naman Talaga Dumating, at Iba Pang Kwento. University of the Philippines Press	
60	Properties of Geometric Networks Formed via Brownian Bugs	Lim, May		UPD	CWRG	2012	Assoc Professor 6	2012-11-01	2013-08-01	2013-10-31	9th month report	381,000.00	Dailisan, D., & Lim, M. 2019. Vehicular traffic modeling with greedy lane-changing and inordinate waiting. Physica A: Statistical Mechanics and its Applications Volume 521, 715-723	
61	Ang Espasyo ng Ugnayan at Talabangtungo sa Paghahabi ng Pananaw-pandaigdig ng mga Pilipino	Petras, Jayson D.		UPD	CWRG	2012	Assistant Professor	2012-05-01	2013-02-01	2013-04-30	9th-month report/ Output	217,000.00		
62	Influence of STM tip on self-assembly of one-dimensional In wires on Si(100): a Kinetic Monte Carlo study	Albao, Marvin A.		UPLB	CWRG	2012	Associate Professor 2	2012-11-01	2013-08-01	2013-10-31	COMPLETED	309,000.00	Albao, M. A. 2014. Impact of STM tip on coarsening of In atomic chains on Si(100): A kinetic Monte Carlo study. Surface Science 625, 90-96. ISI	
63	Theoretical Study of the Structure and Electronic Absorption Spectra of Ruthenium Complexes and Their Intercalation in DNA	Billones, Junie		UPM	CWRG	2012	Associate Professor	2012-11-05	2013-08-05	2013-11-04	COMPLETED	316,000.00	Billones, J. B., Ratilla, E. M. A., & Heath, G. A. 2015. Variation of electrode potential and charge transfer bands in series of tetravalent ruthenium complexes [RuCl ₆ -n (PrCN) _n]-2. Inorganica Chimica Acta 429, 209-215. ISI	
64	Colorimetric Sensor Array Based on Plant Pigments for the Detection of Gas Pollutants	Organo, Voltaire		UPM	CWRG	2012	Associate Professor 1	2012-11-05	2013-08-05	2013-11-04	COMPLETED	306,000.00	Bernardo, M. K. O., & Organo, V. G. 2014. Chlorophyll as a simple, inexpensive and environment-friendly colorimetric indicator for NO ₂ gas. Oriental Journal of Chemistry 30, 445-449. Scopus	
65	Development of Laboratory Manuals for Biochemistry of the Gene (Biochemistry 121.1) and Physical Biochemistry (Biochemistry 124.1)	Carrillo, Maria Constanca		UPM	CWRG	2012	Associate Professor 3	2012-11-16	2013-08-16	2013-11-15	COMPLETED	330,000.00	Carrillo, M. C. O., Ko, P. K. L., Marasigan, A. S., & Angeles, A. K. J. 2015. Assessment of bacterial species present in Pasig River and Marikina River soil using 16S rDNA phylogenetic analysis. International Journal of Philippine Science and Technology. ISI	
66	A Comparison of Plasma Zinc Concentrations of Glucos-6-phosphate Dehydrogenase (G6PD)-deficient Filipino Neonates seen at NIH-UPM and Normal Controls	Nicolas, Marilou		UPM	CWRG	2012	Professor 9	2012-11-16	2013-08-16	2013-11-15	9th-month report/ Output	507,000.00		
67	Chromatographic Profiling and Identification of the Antimicrobial Components of the Leaves of Pseudelephantopus spicatus (Juss) Rohr Obtained from Two Subcatchments of Mt. Isarog Natural Park	Quiming, Noel		UPM	CWRG	2012	Associate Professor	2012-11-05	2013-08-05	2013-11-04	COMPLETED	330,000.00	Quiming, N., Minor M. R., Nicolas M., Verzosa D., Alvarez M. R. 2019. Antibacterial Activity of Pseudelephantopus spicatus (Juss) Rohr Extracts from the West Sub-catchment of Mt. Isarog Natural Park. Oriental Journal of Chemistry, 35(6)	
68	Postharvest Quality of Pummelo [Citrus maxima (Burm. Ex Rumph Merr)] Fruit Treated with Chitosan and 1-Methylcyclopropene	Bayogan, Emma Ruth		UPMin	CWRG	2012	Professor 3	2012-11-16	2013-08-16	2013-11-15	COMPLETED	434,000.00	Bayogan, E. R. V., Fornea, M. P. M., Gabato, J. P., Secretaria, L. B., & Obsioma, V. P. 2015. Post Harvest quality of Cured Pummelo [Citrus maxima (Burm. Ex Rumph) Merr] Fruit Treated with 1-Methylcyclopropene. Acta Horticultura 1088, 185-190. Scopus	

ECWRG Masterlist

Enhanced Creative Work and Research Grant														
Data as of 05 June 2020														
	Project Title	Name of Proponent	Unit	CU	Funding Source	Year	Rank	Start	End	Approved Extension	Status	Total Approved Budget	Output/Publication	Other Output
69	Urban Landscape Patterns Change and Its Environmental Effects: The Case of Calamba City, Laguna, Philippines	Bagarinao, Ricardo		UPOU	CWRG	2012	Associate Professor 4	2012-11-05	2013-08-05	2012-11-06	COMPLETED	353,000.00	Bagarinao, R. 2013. Changing urban landscape and its implications in environmental management: The case of Calamba City, Philippines. IAMURE International Journal of Ecology and Conservation 6(1), 37-53. ISI	
70	Revision and Updating of the Public Health Promotion and Education Resource Manual	Guevarra, Jonathan P.	CPH	UPM	CWRG	2012	Assistant Professor 5	2012-11-01	2013-08-01	2013-10-31	COMPLETED	254,000.00		
71	Finding Homo: A Long-term Field Work Deciphering Fossils from Pleistocene Stratigraphical Sequences in the Philippines	Ingicco, Thomas	ASP	UPD	CWRG	2013	Assistant Professor 4	2013-10-16	2014-07-16	2014-10-15	9th-month report	254,000.00	Boulanger, C., Ingicco, T., Piper, P.J., (...), Hawkins, S., Pawlik, A. F. 2019. Coastal Subsistence Strategies and Mangrove Swamp Evolution at Bubog I Rockshelter (Ilin Island, Mindoro, Philippines) from the Late Pleistocene to the mid-Holocene. Journal of Island and Coastal Archaeology 14(4), 584-604	
72	The Material Culture of Kiyangan, Ifugao, Philippines	Tesoro, Mary Grace Lualhati B.		UPD	CWRG	2013	Assoc Professor 1	2013-06-01	2014-03-01	2014-05-31	COMPLETED	307,000.00	Tesoro, M. G. L. 2014. The Material Culture of Kiyangan, Ifugao, Philippines. Journal of Cultural Heritage. Scopus	
73	Enhancement of THz Emission from GaAs via Surface Modification	Somintac, Armando S.		UPD	CWRG	2013	Associate Professor	2013-10-01	2014-07-01	2014-08-30	COMPLETED	306,000.00	Balgos, M. H., Jaculbia, Mangila, Ns. IV, Tumanguil, M. A. C., Salvador, A., Somintac, A., & Estacio, E. 2014. Enhanced Terahertz Emission from GasAs substrates deposited with Aluminum Nitride film caused by high-interface electric fields. Applied Surface Science 303, 241- 244. ISI	
74	Quantum Traversal Time Across Multiple Potential Barriers and the Generalized Hartman Effect	Galapon, Eric		UPD	CWRG	2013	Associate Professor 3	2013-03-01	2013-12-01	2014-02-28	COMPLETED	330,000.00	Sombillo, D. L., & Galapon, E. A. 2014. Quantum Traversal time Through a Double Barrier. Physical Review A 90 032115. . ISI	
75	Fishing for a Living: Ethnographies of Coastal and Island Communities in the Philippines	Mangahas, Maria		UPD	CWRG	2013	Associate Professor 4	2013-12-01	2014-09-01	2014-11-30	OUTPUT for submission	356,000.00		
76	Fabrication and testing of an advanced nanoceramics synthetic apparatus for energy storage and alternative energy applications	Cervera, Rinlee Butch		UPD	CWRG	2013	Asst Professor	2013-07-01	2014-04-01	2015-07-30	COMPLETED		Cervera, R. B., Oyama, Y., Miyoshi, S., Oikawa, I., Takamura H, Yamaguchi, S. 2014. Nanograined Sc-doped BaZrO3 as a proton conducting solid electrolyte for intermediate temperature solid oxide fuel cells (IT-SOFCs). Solid State Ionics 264, 1-6. ISI	
77	Mga tala ng isang Superfan (Koleksyon ng Pinoy fan poetry at fan fiction)	Gonzales, Vladimeir		UPD	CWRG	2013	Assistant Professor	2013-06-16	2014-03-16	2014-06-15	COMPLETED	235,000.00	Gonzales, V. 2015. Mga Tala ng Isang Superfan (Koleksyon ng Pinoy Fan Poetry at Fan Fiction). University of the Philippines Press	
78	The F's Materials Recovery Model for UP Diliman	Basug, Armando T.		UPD	CWRG	2013	Assistant Professor 3	2013-01-01	2013-10-01	2013-12-31	OUTPUT for submission	254,000.00		
79	IkoToki Sounding UP Campus'Daily Moves: Composition, CD Recording, and Live Performance	Muyco, Marie Christine		UPD	CWRG	2013	Assistant Professor 7	2013-03-01	2013-12-01	2014-02-28	COMPLETED	289,000.00	Submitted to the VPAA on 25 March 2014 the following: program/literature on jeepney orchestra concert, CD recording of UP Campus sounds, online archive of UP sounds through website "Ikot Toki Para"	

Enhanced Creative Work and Research Grant														
Data as of 05 June 2020														
	Project Title	Name of Proponent	Unit	CU	Funding Source	Year	Rank	Start	End	Approved Extension	Status	Total Approved Budget	Output/Publication	Other Output
80	Factors Affecting Profitability and Competitiveness of Processed Food Microenterprises	Digal, Larry N.		UPMin	CWRG	2013	Professor 1	2013-06-16	2014-03-16	2014-07-15	COMPLETED	420,000.00	<p>Digal, L. N. 2015. Modern retail food sector in the Philippines: dominance of large domestic retailers and their effects on the supply chain. The International Review of Retail, Distribution and Consumer Research Vol.25 No.4, 407-430. Scopus</p> <p>Digal L.N., Placencia S.G.P.2020.Factors Affecting the Adoption of Hybrid and High-Yielding Rice Varieties in the Philippines. Agricultural Research. 10.1007/s40003-019-00403-z</p> <p>Digal L.N., Placencia S.G.P., Balgos C.Q. 2017. Market assessment on the incentives and disincentives for the adoption of sustainable practices along the tuna value chain in Region 12, Philippines. Marine Policy. 10.1016/j.marpol.2017.09.008</p> <p>Digal L.N., Astronomo I.J.T., Placencia S.G. P., Balgos C.Q.2017. Technical efficiency of handline fishers in region 12, Philippines: Application of data envelopment analysis. Asian Fisheries Science</p>	
81	Excitation Wavelength Dependence of the Terahertz Emission in Core-Shell Nanowires	Estacio, Elmer		UPD	CWRG	2013	Professor 1	2013-10-01	2014-07-01	2014-09-30	COMPLETED	309,000.00	Ibanes, J. J., Balgos, M. H., Jaculbia, R., Salvador, A., Somintac, A., et al. 2013. Terahertz Emission from GaAs-AlGaAs core-shell nanowires on Si(100) substrate: Effects of applied magnetic field and excitation wavelength. Applied Physics Letters 102, 032105. ISI	
82	Short Rotation Coppice for Fuel Pellet Production in the Philippines	Acda, Menandro		UPD	CWRG	2013	Professor 11	2013-07-01	2014-04-01	2014-07-30	COMPLETED	454,000.00	<p>Menandro, A. 2015. Physico-chemical properties of wood pellets from coppice of short rotation tropical hardwoods. Fuel. SCIE</p> <p>Acda M.N.. 2015. Physico-chemical properties of wood pellets from coppice of short rotation tropical hardwoods. Fuel. 10.1016/j.fuel.2015.08.018</p>	
83	Life After War: A Comparison of Re-integration Programs for Rebolusyonaryong Partido ng Manggagawa – Alex Boncayao Brigade (RPA-ABB) and Moro National Liberation Front (MNLF) Ex-combatants	Hall, Rosalie Arcala		UPV	CWRG	2013	Professor 4	2013-03-01	2013-12-01	2014-02-28	OUTPUT for submission	454,000.00		
84	Development of Simple Numerical Hydrologic Model for Small Watersheds in the Philippines for Dependable Flow Estimation under Climate Change and Climate Variability Scenarios	Ella, Victor		UPD	CWRG	2013	Professor 7	2013-06-16	2014-03-16	2014-07-15	COMPLETED	496,000.00	Ella, V. B. 2016. Simple Hydrologic Model for Predicting Streamflow in Small Watersheds for Irrigation System Planning. International Agricultural Engineering Journal. Scopus	

ECWRG Masterlist

Enhanced Creative Work and Research Grant														
Data as of 05 June 2020														
	Project Title	Name of Proponent	Unit	CU	Funding Source	Year	Rank	Start	End	Approved Extension	Status	Total Approved Budget	Output/Publication	Other Output
85	Urban Dimensions of Food Security and Social Protection in the Context of Climate Change	Ofreneo, Rosalinda P.		UPD	CWRG	2013	Professor	2013-06-01	2014-03-01	2014-05-31	COMPLETED	507,000.00	Ofreneo, R. P., & Hega, M. D. 2014. Women's Solidarity Economy Initiatives To Strengthen Food Security In Response To Disasters: Insights From Two Philippine Case Studies. Disaster Prevention and Management. Scopus	
86	Mass Formula and Classification of Self-Orthogonal Codes over a Class of Finite Rings	Nemenzo, Fidel		UPD	CWRG	2013	Professor 2	2013-03-01	2013-12-01	2014-02-28	COMPLETED	425,000.00	Betty, R. A., Nemenzo, F., & Vasquez, T. L. 2017. Mass formula for self-dual codes over $\mathbb{F}_q+u\mathbb{F}_q+u^2\mathbb{F}_q$. J. Appl. Math. Comput. 57, 523–546 2018. https://doi.org/10.1007/s12190-017-1117-0	
87	Human Resource Management in the Philippine Context	Supangco, Vivien		UPD	CWRG	2013	Professor 6	2013-08-01	2014-05-01	2014-07-31	COMPLETED	459,000.00	Supangco, V. T. 2018. Human Resource Management in the Philippines. University of the Philippines Press.	
88	Formulation of an Integrated System of Forensic DNA Testing for the Evaluation of Sexual Assault Cases in the Philippines	De Ungria, Maria Corazon		UPD	CWRG	2013	Univ. Res III	2013-06-13	2014-03-13	2014-07-02	COMPLETED	262,000.00	Rodriguez, J. J. R., Calacal, G. C., Laude, R. C., & De Ungria, M. C. 2017. Non-differential DNA extraction of post-coital samples submitted as evidence for investigating sexual assault cases in the Philippines. Philippine Science Letters. ISI-Listed	
89	The Shoko Matsumoto Course Book on Technical Theater in Asia	Zayas, Cynthia		UPD	CWRG	2013	Professor	2013-03-01	2013-12-01	2014-02-28	COMPLETED	469,000.00	Zayas, C. N., & Matsumoto, N. 2014. Awareness of Light, University of the Philippines Center for International Studies Publication	
90	Classifying and Digitizing Rare Music Collections (Sheet Music and Concert Programs) of the UP College of Music Library	Baradas, Josephine Cecilia	CMC	UPD	CWRG	2014	University Researcher 1	2014-04-16	2015-01-16	2015-03-31	OUTPUT for submission	186,000.00		
91	Taphonomic and Morphological Analyses of the Neolithic Human Remains from Callao Cave, Peñablanca	Mijares, Armand	ASP	UPD	CWRG	2014	Associate Professor	2014-02-01	2014-11-01	2015-01-31	COMPLETED	306,000.00	Mijares, A. S., Lara, M., Satumbaga, D., de Castro, L., Ramos, J., & Recto, E. 2016. Archaeological recognition of mortuary behavior in Callao Cave, northern Luzon, Philippines through taphonomic analysis of isolated human remains. Archaeological and Anthropological Sciences. SCIE	
92	Coral Diversity of the Philippines: Spatial Distributions, Status and Character Variations	Anticamara, Jonathan		UPD	CWRG	2014	Professor	2014-04-01	2015-01-01	2015-03-31	COMPLETED	274,000.00	Thomas, K. B., Anticamara, J. A., de Ramos, J. A., Gabona, S. F., Agao, D. F., Hererra, E. C., & Bitara, au. 2015. Species richness and abundance of non-cryptic fish species in the Philippines: a global center of reef fish diversity. Biodiversity and Conservation 24(10), pp. 2475-249. ISI	
93	Coral Diversity of the Philippines: Spatial Distributions, Status and Character Variations	Anticamara, Jonathan		UPD	CWRG	2014	Professor	2014-04-01	2015-01-01	2015-03-31	COMPLETED		Anticamara, J. A., Go, K. T. B. 2017. Impacts of super-typhoon Yolanda on Philippine reefs and communities. Regional Environmental Change 17(3) pp 703-713.	
94	Cholinesterase Inhibitory Activity of Philippine Plant Extracts For Neurodegenerative Disorders	Amor, Evangeline		UPD	CWRG	2014	Associate Professor 5	2014-04-01	2015-01-01	2015-03-31	OUTPUT for submission	377,000.00		
95	Adaptation Criticism of Screen Rizal as Metacriticism (1912-2012)	Campos, Patrick		UPD	CWRG	2014	Assistant Professor	2014-06-01	2015-03-01	2015-5-31	9th-month report/ Output	217,000.00		
96	UP -Land, Sea, Air	Jamon, Roehl L.		UPD	CWRG	2014	Assistant Professor 6	2014-01-01	2014-10-01	2014-06-30	OUTPUT for submission	60,500.00		

ECWRG Masterlist

Enhanced Creative Work and Research Grant														
Data as of 05 June 2020														
	Project Title	Name of Proponent	Unit	CU	Funding Source	Year	Rank	Start	End	Approved Extension	Status	Total Approved Budget	Output/Publication	Other Output
97	Advanced Behavior and Technology of Homo neanderthalensis: What's the Difference of Homo Sapiens?	Pawlik, Alfred. F.		UPD	CWRG	2014	Associate Professor 7	2014-08-16	2015-05-16	2015-08-15	COMPLETED	308,000.00	Pawlik, A. F., & Thissen, J. 2015. Traceological analysis of "unusual" wear traces on lithic artefacts from the Middle Palaeolithic site Inden-Altendorf and the functional context of the site. Quaternary International. SCIE	
98	Effect of Ni Addition on the Morphology of Cobalt Nanowires Prepared at Room Temperature	Balela, Mary Donnabelle		UPD	CWRG	2014	Assistant Professor 5	2014-04-01	2015-01-01	2015-03-31	COMPLETED	274,000.00	Balela, M. D. L., Yagi, S., & Matsubara, E. 2014. Formation of cobalt nanoparticles from Co(OH)2 suspension. Advanced Materials Research 974, 50-54 . Scopus	
99	Factors Predicting Vote Choice for Celebrity and Political Dynasty Candidates in Philippine National Elections	David, Clarissa		UPD	CWRG	2014	Assistant Professor 7	2014-06-01	2015-03-01	2015-05-31	COMPLETED	286,000.00	David, C. C., & Legara, E. F. T. 2015. How Voters Combine Candidates on the Ballot: The Case of the Philippine Senatorial Elections. International Journal of Public Opinion Research (ISI)	
100	Monitoring Forest Dynamics Using Geospatial Technology Integrated with a Radio Frequency Identification (RFID) System: Prototype for Precision Forestry in the Philippines	Bantayan, Nathaniel		UPLB	CWRG	2014	Professor 1	2014-03-01	2014-12-01	2015-02-28	COMPLETED	416,000.00	Bantayan, N. C. 2015. Integrating Radio-Frequency Identification (RFID) and Geomatics Towards Precision Forestry. Wulfenia 2(5), 241-252. ISI, Scopus	
101	Effectiveness of Physical Therapy Home Programs for Children with Motor Delay: A Systematic Review	Gorgon, Edward James		UPM	CWRG	2014	Associate Professor	2014-03-01	2014-12-01	2015-02-28	COMPLETED	286,000.00	Gorgon, E. J. 2018. Caregiver-provided physical therapy home programs in children with motor delay: a systematic review of clinical trials. Physical Therapy. Scopus	
102	Biopolymeric Encapsulation of Betalains from Red Dragons Fruit Skin (Hylocereus polyrhizus) for Color Stabilization and Bioactivity Preservation	Rodriguez, Evelyn		UPMin	CWRG	2014	Professor 8	2014-01-01	2014-10-01	2014-12-31	COMPLETED	507,000.00	Rodriguez, E. B., Vidallon, M. L. P., Mendoza, D. J. R., & Reyes, C. T. 2016. Health-promoting bioactivities of betalains from red dragon fruit (Hylocereus polyrhizus (Weber) Britton and Rose) peels as affected by carbohydrate encapsulation. Sci Food Agric.96(14):4679-4689. doi: 10.1002/jsfa.7681	
103	Congestion Control for Caching Aware Wireless Sensor Network Transport	Tiglaio, Nestor Michael		UPD	CWRG	2014	Assistant Professor 3	2014-04-15	2015-01-15	2015-04-14	COMPLETED	306,000.00	Tiglaio, N. M., & Grilo, A. M. 2015. Transmission Window Optimization for Caching-Based Transport Protocols in Wireless Sensor Networks In Wireless Internet. Springer International Publishing, pp. 39-46. Sense Ranking B	
104	Documenting and Translating the Dumaracol, an Epic of the Kalamianen Tagbanua of Northern Palawan	Guieb, Eulalio Iii R.	CMC	UPD	ECWRG	2014	Associate Professor 1	2015-05-01	2016-02-01	2016-10-30	OUTPUT for submission	550,000.00		

ECWRG Masterlist

Enhanced Creative Work and Research Grant														
Data as of 05 June 2020														
	Project Title	Name of Proponent	Unit	CU	Funding Source	Year	Rank	Start	End	Approved Extension	Status	Total Approved Budget	Output/Publication	Other Output
105	Zeroth Order Diffraction Reduction in Diffractive Optical Elements	Tapang, Giovanni A.	CS	UPD	ECWRG	2014	Associate Professor 4 (Professor 3)	2015-03-02	2015-12-02	2016-09-02	OUTPUT for submission	600,000.00	Improso W.D.G.D., Tapang G.A., Saloma C. A 2019. Suppression of Zeroth-Order Diffraction in Phase-Only Spatial Light Modulator. Springer Series in Optical Sciences. 10.1007/978-3-030-12692-6_1 Alagao M.A., Go M.A., Soriano M., Tapang G.. 2018. Characterization of the performance of a 7-mirror segmented reflecting telescope via the angular spectrum method. Springer Series in Optical Sciences. 10.1007/978-3-319-98548-0_7	
106	Specific Heat Capacity Studies in a Two-Dimensional Electron System with Rashba Spin-Orbit Coupling in Tilted Magnetic Fields	Villagonzalo, Cristine Dlr.	CS	UPD	ECWRG	2014	Associate Professor 4 (Professor 1)	2015-02-02	2015-11-02	2016-08-01	COMPLETED	600,000.00	Sombillo, N. I., Banzon, R. S., & Villagonzalo, C. 2017. Measurement-Enhanced Quantum Search. AIP Conference Proceedings. Scopus	
107	Pamamanhikan, Isang Pagtatala: Ang Entablado Bilang Tanghalan ng Lesbinyang Karanasan at Pag-iral	Neri, Bernadette V.	CAL	UPD	ECWRG	2014	Assistant Professor 3	2015-04-16	2016-01-16	2016-10-15	9th-month report/ Output	500,000.00		
108	Chinese-Filipino at a Time of Territorial Disputes: The Case of Tsinoy in Metro Manila (revised proposal title)	Clemente, Tina S.	Asian Center	UPD	ECWRG	2014	Assistant Professor 4 (Associate Professor 1)	2015-04-01	2016-01-01	2016-10-01	COMPLETED	550,000.00	Clemente, T. S. 2017. Precarious Belongings: Affect and Nationalism in Asia. Loyalty on Trial: Chinese Filipinos and the West Philippine Sea Dispute. Rowman and Littlefield Publishers. Sense Ranking B	
109	A Systematic Study of the Kapwa Concept in Sikolohiyang Pilipino: Initiating a Psychometric Approach	Gastardo-Conaco, Maria Cecilia	CSSP	UPD	ECWRG	2014	Professor 12	2015-05-01	2016-02-01	2016-10-31	OUTPUT for submission	650,000.00		
110	Terahertz Properties of GaAs: Mn Films	Salvador, Arnel A.	CS	UPD	ECWRG	2014	Professor 12	2015-03-15	2015-12-15	2016-09-14	COMPLETED	650,000.00	Mag-Usara, V. K., Funkner, S., Niehues, G., Prieto, E. A., Balgos, M. H., Somintac, A., Estacio, E., Salvador, A., Yamamoto, K., Hase, M., & Tani, M. 2016. Low temperature-grown GaAs carrier lifetime evaluation by double optical pump terahertz time-domain emission spectroscopy. Optics Express Vol. 24, pp. 26175. ISI	
111	Investigating the Adsorption and Dissociation of Coon Tungsten (100) Surface During Temperature-Programmed Desorption: A Kinetic Monte Carlo Study	Albao, Marvin A.	CAS	UPLB	ECWRG	2014	Associate Professor 2 (Professor 1)	2015-04-01	2016-01-01	2016-09-30	COMPLETED	600,000.00	Albao, M. A., & Padama, A. A. P. 2016. CO Adsorption on W(100) During Temperature-Programmed Desorption: A Combined Density Functional Theory and Kinetic Monte Carlo Study. Applied Surface Science Vol. 396, pp. 1282-1288. ISI	
112	Evaluation of Monoacylglycerols and other Amphiphilic Compounds as Evaporation Suppressants	Peralta, Milagros M.	CAS, IC	UPLB	ECWRG	2014	Professor	2015-03-16	2015-12-16	2016-09-15	COMPLETED	600,000.00	Peralta, M. M., Ballaran Jr., V. G., Dorado, M. A., Bayhon, M. A., & Almeda, R. A. 2019. Water Evaporation Retardants for Agricultural Applications (AquaSave). Patent Application	

ECWRG Masterlist

Enhanced Creative Work and Research Grant														
Data as of 05 June 2020														
	Project Title	Name of Proponent	Unit	CU	Funding Source	Year	Rank	Start	End	Approved Extension	Status	Total Approved Budget	Output/Publication	Other Output
113	Evaluation of Monoacylglycerols and other Ampiphilic Compounds as Evaporation Suppressants	Peralta, Milagros M.	CAS, IC	UPLB	ECWRG	2014	Professor	2015-03-16	2015-12-16	2016-09-15	COMPLETED		Ballaran, R. A., Dela Cruz, J., Victoria, N. J., Ballaran Jr., V. G., Dorado, M. A., & Peralta, M. M. 2018. The Effect of Evaporation Suppressant on Standing Wate in the Ricefield and on the Growth and Yield Performance of Lowland Rice. Philippine Journal of Agricultural and Biosystems Engineering Vol. 19, pp. 71-78Non-ISI/Scopus	
114	Taxonomy of Highly Endemic Palawan Begonia	Rubite, Rosario R.	CAS	UPM	ECWRG	2014	Professor 4 (Professor 11)	2015-02-01	2015-11-01	2016-07-31	COMPLETED	650,000.00	Hughes, M., Rubite, R. R., Blanc, P., Chung, K. F., Peng, C. I. 2015. The Miocene to Pleistocene Colonization of the Philippine Archipelago by Begonia Sect. Baryandra (Begoniaceae). . American Journal of Botany 102(5), 695-706. SCIE	
115	Taxonomy of Highly Endemic Palawan Begonia	Rubite, Rosario R.	CAS	UPM	ECWRG	2014	Professor 4 (Professor 11)	2015-02-01	2015-11-01	2016-07-31	COMPLETED		Rubite, R. R., Hughes, M., Blanc, P., Chung, K. F., Yang, H. A., Kono, Y., Alejandro, G. J. D., De Layola, L., Virata, A. G. N., & Peng, C. I. 2015. Three new species of Begonia endemic to the Puerto Princesa Subterranean River National Park, Palawan. Botanical Studies 56:19. ISI	
116	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.	CAS	UPM	ECWRG	2014	Professor 4 (Professor 9)	2015-02-20	2015-11-20	2016-08-19	COMPLETED	650,000.00	Balolong, M. P., Dalmacio, L. M. M., Magabo, M. L. V., Sy, D. N. L., Hallare, A. V. 2016. Next generation sequencing revealed dominant fungal populations in collected dust from selected public school classrooms in Metro Manila. Aerobio/ogia. doi: 10.1007/s10453-016- 9455-1. ISI	
117	Five Mindanao Writers: Their Lives and Times, Creative Processes, Themes and Styles, and Their Role in the Development of Mindanao Literature, Part I	De Ungria, Ricardo M.	CHSS	UPMin	ECWRG	2014	Professor 12	2015-05-15	2016-02-15	2016-11-15	COMPLETED	650,000.00	De Ungria, R. M.2017. Voices on the Waters: Conversations with Five Writers from Mindanao. Bughaw Imprint. Ateneo de Manila University Press	
118	Movement Without Moving: Visual Elements as Primary Tools in Dance and Choreography	Pineda, Roselle V.	CAL	UPD	ECWRG	2015	Asisstant Professor 5	2015-03-01	2015-12-01	2016-02-29	COMPLETED	274,000.00	"Movement Without Moving" 2017 Link: https://www.youtube.com/watch?v=fiucwiCYNJM&t=12s&authuser=2 "Sound Mapping Notation Performance Link: https://www.youtube.com/watch?v=PQTxhbRn1SE&authuser=2 "Sagot" Link: https://www.youtube.com/watch?v=WKL3LJtkyBk&t=74s&authuser=2	
119	Urban dimensions of food security and social protection in te context of climate change	Ofreneo, Rosalinda	CSWCD	UPD	ECWRG	2015	Professor	2013-06-01	2014-03-01	2014-05-31	COMPLETED	507,000.00	Ofreneo, R. P., Hega, M. D. 2016. Women's solidarity economy initiatives to strengthen food security in response to disasters: Insights from two Philippine case studies. Disaster Prevention and Management 25 (2), pp.168-182. ISI	
120	Myth and writing: An anthology of occasional prose	Garcia, Jose Neil	CAL	UPD	ECWRG	2015	Professor 7	2015-04-27	2016-01-27	2016-10-27	COMPLETED	650,000.00	Neil, J., Garcia, C. 2016. Myth and writing : occasional prose. University of the Philippines Press	

ECWRG Masterlist

Enhanced Creative Work and Research Grant														
Data as of 05 June 2020														
	Project Title	Name of Proponent	Unit	CU	Funding Source	Year	Rank	Start	End	Approved Extension	Status	Total Approved Budget	Output/Publication	Other Output
121	A Shinsaku (newly created) Noh staging of Ericson Acosta's Monumento, a play on the life of Andres Bonifacio	Umali, Amparo	CIS	UPD	ECWRG	2015	Associate Professor 5	2015-04-27	2016-01-27	2016-10-27	COMPLETED	550,000.00	Creative work: A Shinsaku (newly created) Noh Staging of Eric Acosta's Monumento, a Play on the Life of Andres Bonifacio. 2017	
122	The life history of Yamashita-san - Ama - linking maritime cultural relics of Japan and the Philippines	Zayas, Cynthia	CIS	UPD	ECWRG	2015	Professor 5	2015-06-01	2016-03-01	2016-12-01	COMPLETED	650,000.00	Zayas, C. N. 2016. The life history of Yamashita-san-Ama – linking maritime cultural relics of Japan and the Philippines. Agham-Tao Volume 25, 22-32. Non ISI/Scopus	
123	Epic and patik: Cultural documentation and analysis of Manobo epic narratives and tattooing practices and its relation to indigenous spirituality	Ragragio, Andrea Malaya	CHSS	UPMin	ECWRG	2015	Assistant Professor 3	2015-06-01	2016-03-01	2016-11-30	COMPLETED	500,000.00	Ragragio, A. M. M. 2019. An ethnography of Pantaron Manobo tattooing (pangotoeb): Towards a heuristic schema in understanding Manobo indigenous tattoos. Southeast Asian Studies. Scopus	
124	From experiential to transformational tourism: How tourism has changed stakeholders in disaster-stricken destinations	Villegas, Victoria	AIT	UPD	ECWRG	2015	Assistant Professor 1	2015-04-27	2016-01-27	2016-10-27	9th-month report/ Output	500,000.00		
125	On preserving the essential spectra and nullities of special expressions in a weighted space: A deeper analysis	Bacani, Jerico	CS	UPB	ECWRG	2015	Associate Professor 3	2016-04-16	2017-01-16	2016-10-15	COMPLETED	550,000.00	Bacani, J., Rabago, J. F. T. 2018. The Class of admissible perturbations of special expressions involving completely monotonic function. Italian Journal of Pure and Applied Mathematics. ISI	
126	Well-posedness and stability of coupled fluid structure interaction models with or without delay	Peralta, Gilbert	CS	UPB	ECWRG	2015	Assistant Professor 5	2015-04-27	2016-01-27	2016-10-27	COMPLETED	500,000.00	Peralta, G. Z., & Angew, Math. Phys. 2016. A fluid–structure interaction model with interior damping and delay in the structure. Zeitschrift Fur Angewandte Mathematik Und Physik. ISI	
127	Enhanced multi-plane phase retrieval using spatial light modulator as diffuser with applications in metrology and bioimaging	Almoro, Percival	CS	UPD	ECWRG	2015	Professor	2014-04-27	2015-01-27	2015-10-27	COMPLETED	600,000.00	Almoro, P., Quang, D. P., Serrano-Garcia, D. I., Satoshi, H., Yoshio, H., Mitsuo, T., & Toyohiko, Y. 2016. Enhanced intensity variation for multiple-plane phase retrieval using a spatial light modulator as a convenient tunable diffuser. Optics Letters 41, 2161-2164. ISI	
128	Counterion distribution and the gelation process of iota-Carrageenan via molecular dynamics simulations	Claudio, Gil	CS	UPD	ECWRG	2015	Assistant Professor 6	2015-08-16	2016-05-16	2017-02-15	OUTPUT for submission	500,000.00	Perez S.J.L.P., Claudio G.C.2020. Molecular dynamics simulations of two double-helical hexamer fragments of iota-carrageenan in aqueous solution. Journal of Molecular Graphics and Modelling. 10.1016/j.jmngm.2020.107588	
129	Influence of thermal stress on a coral-associated bacterial community	Conaco, Cecilia	CS	UPD	ECWRG	2015	Assistant Professor 6	2015-04-16	2016-01-16	2016-10-15	COMPLETED	500,000.00	Gajigan, A. P., Diaz, L. A., & Conaco, C. 2017. Resilience of the Acropora Digitifera Bacterial Community to Elevated Temperature. Microbiology Open. ISI	
130	Electrocatalytic reduction of carbon dioxide to formate using nano-structured tin oxide	Del Rosario, Julie Anne	Engg	UPD	ECWRG	2015	Assistant Professor 1	2015-04-16	2016-01-16	2016-10-15	COMPLETED	500,000.00	Del Rosario, J. A., Alba, B. C., Camayang, J. C., & Mopon Jr., M. 2017. Electrocatalytic Reduction of Carbon Dioxide on Electrodeposited Tin-based Surfaces. Vol. 1879. AIP Conference Proceedings 1879, 040002. https://doi.org/10.1063/1.5000469 . Scopus	

Enhanced Creative Work and Research Grant														
Data as of 05 June 2020														
	Project Title	Name of Proponent	Unit	CU	Funding Source	Year	Rank	Start	End	Approved Extension	Status	Total Approved Budget	Output/Publication	Other Output
131	Influences of prior physicochemical stress exposures on the subsequent ultraviolet radiation susceptibility of selected foodborne pathogens in fruit juice systems	Alonzo, Gabriel	CHE	UPD	ECWRG	2015	Professor 1	2015-04-27	2016-01-27	2016-10-27	COMPLETED	600,000.00	<p>Gabriel, A. A., Colambo, J. C. R. 2016. Comparative resistances of selected spoilage and pathogenic bacteria in ultraviolet-C-treated, turbulent-flowing young coconut liquid endosperm. Food Control. SCIE</p> <p>Estilo E.E.C., Gabriel A.A.2017. Previous stress exposures influence subsequent UV-C resistance of Salmonella enterica in coconut liquid endosperm. LWT - Food Science and Technology. 10.1016/j.lwt.2017.07.061</p> <p>Gabriel A.A., Vera D.D., Lazo O.M.Y., Azarcon V.B., De Ocampo C.G., Marasigan J.C., Sandel G.T.2017. Ultraviolet-C inactivation of Escherichia coli O157:H7, Listeria monocytogenes, Pseudomonas aeruginosa, and Salmonella enterica in liquid egg white. Food Control. 10.1016/j.foodcont.2016.10.060</p> <p>Gabriel A.A., Estilo E.E.C., Isnit N.C.C., Membrebe B.N.Q.2016. Suboptimal growth conditions induce heterologous ultraviolet-C adaptation in Salmonella enterica in orange juice. Food Control. 10.1016/j.foodcont.2015.10.011</p>	
132													<p>Gabriel, A. A., Estilo, E. E. C. 2018. A model for the influences of soluble and insoluble solids, and treated volume on the ultraviolet-C resistance of heat-stressed Salmonella enterica in simulated fruit juices. Food Microbiology Vol. 69, pp 72-81</p>	
133	Applications of laser crystal thin film fabricated via pulsed laser deposition	Garcia, Wilson	CS	UPD	ECWRG	2015	Professor	2015-05-16	2016-02-16	2016-11-15	COMPLETED	600,000.00	<p>De Mesa, J. A., Amo, A. M., Miranda, J. J. C., Salazar, H. O., Sarmago, R. V., & Garcia, W. O. 2016. Effects of Deposition Pressure and Target-Substrate Distance on Growth of ZnO by Femtosecond Pulsed Laser Deposition. Journal of Laser Micro Nanoengineering 1(1).ISI</p>	
134													<p>Dasallas, L. L., Garcia, W. O. 2018. Numerical simulation of femtosecond pulsed laser ablation of copper for oblique angle of incidence through two-temperature model. Materials Research Express 5(1).</p>	
135	Screening and identification of thermo-tolerant bacteria and studies on genes for enzymes important in industry	Hedreyda, Cynthia	CS	UPD	ECWRG	2015	Professor 6	2015-04-30	2016-01-30	2016-10-30	COMPLETED	650,000.00	<p>Hedreyda, C. T., & Monsalud, R. G. 2017. Species Identification of Thermo-Tolerant Bacillus Isolates Using 16s rDNA, GyraseB Gene (gyrB) and Enzyme Gene Sequence Analysis. Philippine Journal of Science 146 (4), pp. 361-369. Scopus</p>	

Enhanced Creative Work and Research Grant														
Data as of 05 June 2020														
	Project Title	Name of Proponent	Unit	CU	Funding Source	Year	Rank	Start	End	Approved Extension	Status	Total Approved Budget	Output/Publication	Other Output
136	Understanding early Hominin diaspora and adaptation in island Southeast Asia: The 2015 archaeological excavation of Callao Cave, Northern Luzon, Philippines	Mijares, Armand	ASP	UPD	ECWRG	2015	Associate Professor 1	2015-04-27	2016-01-27	2016-10-27	COMPLETED	550,000.00	Détroit, F., Mijares, A. S., Corny, J., Daver, G., Zanolli, C., Dizon, E., Robles, E., Grün, R., & Piper, P. J. 2019. A new species of Homo from the Late Pleistocene of the Philippines. Nature Vol. 568, pp. 181-186. SCIE	
137	Daang Bakal: Linking the heritage corridor of the Philippine National Railways from Tutuban to Dagupan	Navarra, Nappy	Archi	UPD	ECWRG	2015	Assistant Professor 6	2015-06-01	2016-03-01	2016-12-01	OUTPUT for submission	500,000.00		
138	Photocarrier distribution and dynamics in MBE-grown quantum well systems	Somintac, Armando	CS	UPD	ECWRG	2015	Associate Professor 1	2015-04-27	2016-01-27	2016-10-27	COMPLETED	600,000.00	Mabilangan, A. I., Lopez, L. P., Faustino, M. A. B., Muldera, J. E., Cabello, N. I. F., Estacio, L. S., Salvador, A. A., Somintac A. S. 2016. Porosity Dependence of Terahertz Emission Of Porous Silicon Investigated Using Reflection Geometry Terahertz Time-Domain Spectroscopy. Superlattices and Microstructures. Scopus	
139	Plasma and ion beam based modification of nanostructures surfaces	Vasquez, Magdaleno	CoE	UPD	ECWRG	2015	Assistant Professor 4	2016-05-16	2017-02-16	2017-11-15	COMPLETED	500,000.00	Vasquez Jr., M. R., & Wada, M. 2015. Low-energy ion beam-based deposition of gallium nitride. Review of Scientific Instruments. Scopus	
140	Assessment of bacterial aerosols and occupational exposure risk in landfill sites of Metro Manila, Philippines	Vital, Pierangeli	CS	UPD	ECWRG	2015	Assistant Professor 5	2015-04-27	2016-01-27	2016-10-27	COMPLETED	500,000.00	Rendon, R. V., Garcia, B. C. B., Vital, P. G. 2017. Assessment of airborne bacteria in selected occupational environments in Quezon City, Philippines. International Journal of Occupational And Environmental Health. ISI/Scopus	
141	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	CVM	UPLB	ECWRG	2015	Assistant Professor 7	2015-04-27	2016-01-27	2016-10-27	COMPLETED	500,000.00	Abalos, J. H. A., Gicana, K. R. V., Brobio, E. F., & Addatu, M. J. B. 2016. Anesthetic and Cardiopulmonary Effects of Intravenous TiletamineZolazepam With or Without Xylazine in Goats (Capra hircus). Philippine Journal of Veterinary Medicine 53(2). Scopus	
142	Waste tobacco stalk particles as glue filler in plywood manufacture	Acda, Menandro	CFNR	UPLB	ECWRG	2015	Professor 10	2015-04-27	2016-01-27	2016-10-27	COMPLETED	650,000.00	Jimenez Jr., J. P., & Acda, M. 2018. Tobacco (Nicotiana tabacum) Stalk Particles as Additive in Urea Formaldehyde Bonded Plywood. Journal of Adhesion Science and Technology. SCIE	
143	Two-dimensional and M-mode ultrasonographic features of the heart of dairy cattle at different stages of reproduction and lactation	Acorda, Jezie	CVM	UPLB	ECWRG	2015	Professor 12	2015-07-01	2016-04-01	2016-12-31	COMPLETED	650,000.00	Acorda, J. A., Constante, J. L., Rayos, A. A., & Pajas, A. M. G. 2016. Two-dimensional and M-mode ultrasonographic features of the heart of lactating crossbred dairy cattle. Philippine Journal of Veterinary Medicine 53(1):1-9. Scopus	
144	Echocardiographic features and measurements of dairy water buffaloes (Bubalus bubalis L.) at different stages of reproduction and lactation	Constante, Jesalyn	CVM	UPLB	ECWRG	2015	Assistant Professor 1	2015-04-16	2016-01-16	2016-10-16	COMPLETED	500,000.00	Constante, J. L., Acorda, J. A., Tandang, A. G., & Pajas, A. M. G. A. 2017. B-Mode and M-mode Ultrasonography of the Heart of Lactating Dairy Water Buffaloes (Bubalus bubalis L.). Philippine Journal of Veterinary Medicine 54(1) pp. 1-8	

ECWRG Masterlist

Enhanced Creative Work and Research Grant														
Data as of 05 June 2020														
	Project Title	Name of Proponent	Unit	CU	Funding Source	Year	Rank	Start	End	Approved Extension	Status	Total Approved Budget	Output/Publication	Other Output
145	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 management	Montecillo, Andrew	CAS	UPLB	ECWRG	2015	Assistant Professor 1	2015-06-01	2016-03-01	2016-12-01	COMPLETED	500,000.00	Montecillo, A. D., Cariño, S. A., Atienza, M. T. J., Paterno, E. S., Ilag, L. L., & Fernando, L. M. 2017. Phenotypic Characterization and Identification of <i>Lysinibacillus</i> sp. NBL1a Capable of Extracellular Biogenic Synthesis of Gold Nanoparticles. <i>Philippine Agricultural Scientist</i> Vol 100, Special Issue, pp. 81-91. SCIE	
146									1900-09-30				Montecillo, A. D., Raymundo, A. K., Papa, I. A., Aquino, G. M. B., & Rosana, A. R. R. 2018. Complete Genome Sequence of <i>Rhizobium</i> sp. Strain 11515TR, Isolated from Tomato Rhizosphere in the Philippines. <i>Microbiology Resource Announcements</i> . ESCI/Scopus	
147	Development of a dot-blot ELISA for the immunodiagnosis of toxocara infection in humans	Paller, Vachel Gay	CAS	UPLB	ECWRG	2015	Associate Professor 6	2015-06-01	2016-03-01	2016-12-01	COMPLETED	550,000.00	Paller, V. G., Besana, C. M., Valdez, I. K. M. 2017. Dot enzyme-linked immunosorbent assay (ELISA) for the detection of <i>Toxocara</i> infection using a rat model. <i>Journal of Parasitic Diseases</i> 4(4), pp 933-939. ISI	
148	Development of a dot-blot ELISA for the immunodiagnosis of toxocara infection in humans	Paller, Vachel Gay	CAS	UPLB	ECWRG	2015	Associate Professor 6	2015-06-01	2016-03-01	2016-12-01	COMPLETED		Llanes, K. K. R., Besana, C. M., & Paller, V. G. V. 2019. Larval distribution, migratory pattern and histological effects of <i>Toxocara canis</i> in <i>Rattus norvegicus</i> . <i>Journal of Parasitic Diseases</i> 43(4), pp. 679-685.	
149	Investigation on the differential expression of genes associated with spine formation in sago palm (<i>Metroxylon sagu</i> Rottb.) using RT-PCR	Novero, Annabelle	CSM	UPMin	ECWRG	2015	Associate Professor 1	2015-04-27	2016-01-27	2016-10-27	COMPLETED	550,000.00	Enguito, R. Z. C., & Novero, A. U. 2018. Initial Assessment of Intra Individual Heterogeneity of Sago Palm (<i>Metroxylon sagu</i> Rottb.) using Internal Transcribed Spacer Analysis. <i>Malaysian Applied Biology</i> 47(3), pp 39-48. Scopus	
150	The politics of "educating" the Philippine technocratic elite	Tadem, Teresa	CSSP	UPD	ECWRG	2015	Professor 8	2015-04-27	2016-01-27	2016-10-24	COMPLETED	650,000.00	Encarnacion-Tadem, T. S. 2015. The politics of "educating" the Philippine technocratic elite. <i>Philippine Political Science Journal</i> . ISI	
151	Assessing households' natural disaster preparedness in Bay, Laguna: Knowledge, attitude and practices survey	Bagarinao, Ricardo	Educ	UPOU	ECWRG	2015	Professor 5	2015-04-27	2016-01-27	2016-10-27	COMPLETED	600,000.00	Bagarinao, R. T. 2016. Households' Natural Disaster Preparedness: A View from a Second Class Municipality in a Developing Country. <i>Environment Asia</i> 9(2). Zoological Record	
152	Dysfunctional digital demeanors: Tales from e-learning's dark side	Flor, Alexander	FICS	UPOU	ECWRG	2015	Professor 12	2015-04-27	2016-01-27	2015-10-27	COMPLETED	650,000.00	Flor, A. G., & Gonzalez-Flor, B. 2016. Dysfunctional Digital Demeanors: Tales from (and Policy Implications of) eLearning's Dark Side. In <i>Developing Strategies for Global Policies and Cyber Transparency in eLearning</i> . IGI Global pp 46-59. eBook	
153	Prospecting the diversity of soil and litter fungi for siderophores	Hipol, Roland	CS	UPB	ECWRG	2015	Associate Professor 5	2016-05-15	2017-02-15	2017-10-15	OUTPUT for submission	550,000.00		

ECWRG Masterlist

Enhanced Creative Work and Research Grant														
Data as of 05 June 2020														
	Project Title	Name of Proponent	Unit	CU	Funding Source	Year	Rank	Start	End	Approved Extension	Status	Total Approved Budget	Output/Publication	Other Output
154	Environmental and microbiological assessment of small scale vegetable farming systems irrigated with wastewater from Upper Balili River, La Trinidad, Benguet, Philippines	Gutierrez, Rosemary	CS	UPB	ECWRG	2015	Associate Professor 6	2016-05-01	2017-02-01	2017-10-31	COMPLETED	550,000.00	Gutierrez R. M., Montalla V. 2020 Environmental and Microbiological Assessment of Small-Scale Vegetable Farming Systems Irrigated With Wastewater from Upper Balili River, La Trinidad Benguet, Philippines. In: Jeon HY. (eds) Sustainable Development of Water and Environment. ICSDWE 2020. Environmental Science and Engineering. Springer, Cham	
155	Plants and Culture: the Ethnobotany of Kabayan, Benguet Province with Special Emphasis on Plants used in mummification	Balangcod, Teodora	CAS	UPB	ECWRG	2015	Professor 3	2015-07-16	2016-04-16	2017-01-15	COMPLETED	600,000.00	Balangcod, T. D. 2018. A glimpse of the fire mummies of Kabayan, Benguet, Luzon, Philippines and the role of plants associated with the mummification process. Indian Journal of Traditional Knowledge 17(2), pp. 307-313. ISI/Scopus	
156	Arresting the spread of precarious non-standard employment in formal enterprises in Metro Manila: What role for trade unions?	Serrano, Melisa	SOLAIR	UPD	ECWRG	2015	Associate Professor 2	2015-08-28	2016-05-28	2017-02-28	COMPLETED	550,000.00	Serrano, M. 2017. Between Representation and Regulation: Union Strategies on Non-standard Employment in Selected Industries in the Philippines. Asia Pacific Social Science Review. Scopus	
157	History of the underground (1968-1986) (Documentary film)	Dalena, Sari Rissa	CMC	UPD	ECWRG	2015	Associate Professor 7	2015-06-01	2016-03-01	2016-12-31	COMPLETED	550,000.00	Dalena, S. R. L., & Sikat, K. 2017. History of the Underground. Documentary Film.	
158	Native House Restorations and Rituals Toward Community-Based Tourism in the UNESCO World Heritage Batad Rice Terrace Cultural Landscape	Macapagal, Raymond	CIS	UPD	ECWRG	2015	Assistant Professor 5	2015-06-16	2016-03-16	2016-12-15	COMPLETED	500,000.00	Martin, M., Acabado, S., & Macapagal, M. 2018. Hongan di Pa'ge: The Sacredness of and Realism of Terraced Landscape in Igugao Culture Philippines. Routledge	
159	Writing Bikol and the Bikolnon, 190-1956: The Life and Works of Patricio M. Janer	Barbaza, Penafancia Raniela	CAL	UPD	ECWRG	2015	Assoc Professor2	2015-06-15	2016-03-15	2016-12-15	COMPLETED	550,000.00	Barbaza, P. R. 2019. Writing the Bikol Filipino: The Life and Works of Patricio M. Janer. Philippine Studies: Historical and Ethnographic Viewpoints. Scopus	
160	Ang Alamat ng Animas Anya (Ang Pagbabalik ni Maria Makiling, Ikalawang Aklat	Ortiz, Will	CAL	UPD	ECWRG	2015	Associate Professor 1	2015-06-15	2016-03-15	2016-12-15	COMPLETED	550,000.00	Ortiz, W. 2017. Maria Makiling at ang Alamat ng Animas Anya. Quezon City: University of the Philippine Press	
161	Strange bedfellows, adversaries or partners? Assessing civil society's engagement in ASEAN Community Building (2000-2015)	Arugay, Aries	CSSP	UPD	ECWRG	2015	Associate Professor 2	2016-03-15	2016-12-15	2017-09-15	OUTPUT for submission	550,000.00		
162	Diksiyonaryo-Gabay sa mga gawa ni Chuck Manansala	Eliserio, U	CAL	UPD	ECWRG	2015	Associate Professor 3	2016-02-15	2016-11-15	2017-08-15	COMPLETED	550,000.00	Eliserio, U. 2019. Tungkol Sa Aso. Manila: University of Santo Tomas Publishing House.	
163	Testimonya at pakikibaka ng mga detinidong politikal sa Pilipinas	Rodriguez, Rommel	CAL	UPD	ECWRG	2015	Associate Professor 7	2016-03-11	2016-12-11	2017-09-11	COMPLETED	550,000.00	Rodriguez, R. 2020. Artistikong Produksyon ng mga Bilanggong Pulitikal sa Pilipinas (2015-2018): Mga Piling Kaso at Tala. Humanities Diliman 17:1, 1-31	
164	Corrosion kinetics and passivation behaviour of engine steel in ethanol-gasoline (E10) blends in the Philippines	Ocon, Joey	ENGG	UPD	ECWRG	2015	Assistant Professor 3	2016-03-01	2016-12-01	2017-09-01	OUTPUT for submission	500,000.00		
165	Archaeological human crania from the University of San Carlos Museum: a study of modification	Crozier, Catherine Rebecca	ASP	UPD	ECWRG	2015	Assistant Professor 4	2015-06-16	2016-03-16	2016-12-15	OUTPUT for submission	500,000.00		

ECWRG Masterlist

Enhanced Creative Work and Research Grant														
Data as of 05 June 2020														
	Project Title	Name of Proponent	Unit	CU	Funding Source	Year	Rank	Start	End	Approved Extension	Status	Total Approved Budget	Output/Publication	Other Output
166	Meanings and Consequences of the Philippines- China Maritime Conflicts for the Villagers of Masinloc, Zambales	Raymundo, Sarah Jane	CIS	UPD	ECWRG	2015	Assistant Professor 5	2015-06-15	2016-03-15	2016-12-14	9th-month report/ Output	500,000.00		
167	Elucidating the relationship of the Pujada Ophiolite and Bitaoan Metamorphics: Contributions to the better understanding of the geologic evolution of Mindanao island	Payot, Betchaida	CS	UPD	ECWRG	2015	Assistant Professor 6	2015-06-29	2016-03-29	2016-12-29	COMPLETED	500,000.00	Olfindo, V.S., Payot, B., Valera, G., Gadot, E., Villaplaza, B.R., Tani, K., Dimalanta, C., Yumul, Jr, G. 2019. Petrographic and geochemical characterization of the crustal section of the Pujada Ophiolite, southeastern Mindanao, Philippines: Insights to the tectonic evolution of the northern Molucca Sea Collision Complex. Journal of Asian Earth Sciences. https://doi.org/10.1016/j.jseaes.2019.103994 Olfindo V.S.V., Payot B.D., Valera G.T.V., Aral S. 2020. Petrogenesis of heterogeneous mantle peridotites with Ni-rich olivine from the Pujada Ophiolite, Philippines. Journal of Asian Earth Sciences: X. 10.1016/j.jaesx.2020.100039	
168	Synthesis and Characterization of Electrode Materials for Lithium-ion Batteries	Cervera, Rhinlee Butch	ENGG	UPD	ECWRG	2015	Assistant Professor 7	2015-06-01	2016-03-01	2016-12-31	COMPLETED	500,000.00	Cervera, R. B., & Llanos, P. S. P. 2016. Microstructural and Electrochemical investigation of Carbon coated Nanograined LiFePO4 as Cathode material for Li-Batteries. World Academy of Science, Engineering and Technology.	
169	Synthesis and Characterization of Electrode Materials for Lithium-ion Batteries	Cervera, Rhinlee Butch	ENGG	UPD	ECWRG	2015	Assistant Professor 7	2015-06-01	2016-03-01	2016-12-31	COMPLETED		Cervera, R. B., Mirasol, E. S. 2016. Preparation of Amorphous Nanosilica from Philippine waste rice hull via Acid precipitation method. Material Science Forum Journal, 864, 112-116. Non ISI	
170	Coastal geomorphic features of islands in southwest Luzon and their tectonic implications	Ramos, Noelynna	CS	UPD	ECWRG	2015	Assistant Professor 7	2015-06-01	2016-03-01	2017-01-31	OUTPUT for submission	500,000.00		
171	Theatre and cosmopolitanism: Looking for the cosmopolitan stage in the Metropolitan Manila area	Tiatco, Sir Anril	CAL	UPD	ECWRG	2015	Assistant Professor 7	2015-06-16	2016-03-16	2016-12-15	COMPLETED	500,000.00	Tiatco, S. A. P. 2015. Performing the Bakla in the care divas: Crossdressing, affective labor, and the glimpse of the Cosmopolitan. Journal of Homosexuality, 62(11), 1485-1511.	
172	Theatre and cosmopolitanism: Looking for the cosmopolitan stage in the Metropolitan Manila area	Tiatco, Sir Anril	CAL	UPD	ECWRG	2015	Assistant Professor 7	2015-06-16	2016-03-16	2016-12-15	COMPLETED		Tiatco, S. A. P. 2017. "My American Dream". Dreaming of Broadway and West End in the Philippines. In Laura MacDonald and Willian Everett (Eds.), Palgrave Handbook of Musical Theatre Producers (pp.333-342). London: Palgrave Macmillan.	
173	Theatre and cosmopolitanism: Looking for the cosmopolitan stage in the Metropolitan Manila area	Tiatco, Sir Anril	CAL	UPD	ECWRG	2015	Assistant Professor 7	2015-06-16	2016-03-16	2016-12-15	COMPLETED		Tiatco, S. A. P. 2017. Performing like a Concert King or a Concert Queen: Compensatory aesthetics in producing an Original Filipino Musical. In Laura MacDonald and Willian Everett (Eds.), Palgrave Handbook of Musical Theatre Producers (pp.449-458). London: Palgrave Macmillan.	

ECWRG Masterlist

Enhanced Creative Work and Research Grant														
Data as of 05 June 2020														
	Project Title	Name of Proponent	Unit	CU	Funding Source	Year	Rank	Start	End	Approved Extension	Status	Total Approved Budget	Output/Publication	Other Output
174	Theatre and cosmopolitanism: Looking for the cosmopolitan stage in the Metropolitan Manila area	Tiatco, Sir Anril	CAL	UPD	ECWRG	2015	Assistant Professor 7	2015-06-16	2016-03-16	2016-12-15	COMPLETED		Tiatco, S. A. P. 2018. Cosmopolitanism, Theatre and the Philippines: Performing Community in a World of Strangers. Quezon City: University of the Philippines Press.	
175	Structure/s of compound/s from Streptocaulon baumii Descne. that possess anti-tumor activity	Bartolome, Arlene	CS	UPD	ECWRG	2015	Instructor 7	2015-08-01	2016-05-01	2017-02-28	COMPLETED	450,000.00	Bartolome, A. P., Villaseñor, I. M., Lin, Y. L., Librado, D. J., Angeles-Boza, A. M., Yang, W. C. 2017. Cytotoxic property of Streptocaulon Baumii extracts and their isolated compounds against different human cancer cell lines. Philippine Science Letters.	
176	Kayquit: Mga Kuwento ng Pagtunton at Paghahanap	Naval, Jimmuel	CAL	UPD	ECWRG	2015	Professor 10	2015-06-01	2016-03-01	2016-12-01	COMPLETED	650,000.00	Naval, J. C. 2017. Batang Kayquit. Quezon City: University of the Philippines Press.	
177	@RTDAGLI: Maikling-maikling kwentong SMS at tweets	Tolentino, Rolando	CMC	UPD	ECWRG	2015	Professor 7	2016-05-06	2017-02-06	2017-11-06	9th-month report/ Output	650,000.00		
178	Functional and genetic analysis of a dopamine receptor missense variant in an in-house mouse model of hyperactivity disorder (ADHD)	Saloma, Cynthia	CS	UPD	ECWRG	2015	Professor 9	2015-06-15	2016-03-15	2016-12-14	OUTPUT for submission	650,000.00		
179	Development of an Expert-Assisted Remote Microscopy Diagnostic Information System for Disease Surveillance and Outbreak Monitoring	Naval, Prospero Jr.	ENGG	UPD	ECWRG	2015	Professor	2015-08-16	2016-05-16	2017-02-15	9th-month report/ Output	600,000.00		
180	Ultrafast Photocarrier Drift and Lifetime in LT-GaAs grown at different temperatures	Estacio, Elmer	CS	UPD	ECWRG	2015	Professor 1	2015-07-06	2016-04-06	2017-01-05	COMPLETED	600,000.00	Faustino, M. A. B., Lopez, L. P. Jr., Afalla, J. P., Muldera, J., Hermosa, H., Salvador, A. A., Somintac, A. S. & Estacio, E. S. 2016. Terahertz Emission Enhancement in Semi-Insulating Gallium Arsenide Integrated with Subwavelength One-Dimensional Metal Line Array. Optics Letters.	
181	Asymptotic expansions by non-asymptotic scales	Galapon, Eric	CS	UPD	ECWRG	2015	Professor 1	2015-05-29	2016-02-29	2016-11-28	COMPLETED	600,000.00	Galapon, E.A. 2016. The Cauchy principal value and the Hadamard finite part integral as values of absolutely convergent integrals. Vol. 57, 033502 . Journal of Mathematical Physics, 57, 033502 .	
182	Harmful Marine Dinoflagellates in the Philippines	Azanza, Rhodora	CS	UPD	ECWRG	2015	Professor 12	2015-06-15	2016-03-15	2016-12-15	COMPLETED	650,000.00	Azanza, R., Benico, G., Iwataki, M., Yasuwo, F. 2017. Harmful marine Dinoflagellates in the Philippines. Marine Science Institute, University of the Philippines	
183	Transient dynamics of non-interacting charged particles in a nanotransistor with a time-varying gate potential	Cuansing, Eduardo Jr.	CAS	UPLB	ECWRG	2015	Associate Professor 3	2016-04-01	2017-01-01	2017-09-30	COMPLETED	550,000.00	Cuansing, E. 2017. Attenuation and amplication of the transient current in nanojunctions with time-varying gate potentials. International Journal of Modern Physics B. 31(14),1-15.	
184	Magnetic paleosecular variation in lavas of Luzon, Philippines	Faustino-Eslava, Decibel	SESAM	UPLB	ECWRG	2015	Associate Professor 6	2016-05-11	2017-02-11	2017-11-11	OUTPUT for submission	550,000.00	Faustino-Eslava D.V., Shibuya H., Dimalanta C.B., Yumul G.P., Jr., Macuroy J.T. 2021. Persistent shallow magnetic inclination in the past 5 million years with implications for regional tectonics in the Philippines. Journal of Asian Earth Sciences: X. 10.1016/j.jaesx.2021.100048	

Enhanced Creative Work and Research Grant														
Data as of 05 June 2020														
	Project Title	Name of Proponent	Unit	CU	Funding Source	Year	Rank	Start	End	Approved Extension	Status	Total Approved Budget	Output/Publication	Other Output
185	Isolation, purification, characterization of the protease in jackfruit (<i>Artocarpus heterophyllus</i>) leaves and latex and towards its commercialization	Garcia, Roberta	CA	UPLB	ECWRG	2015	Associate Professor 7	2016-03-01	2016-12-01	2017-08-31	9th-month report/ Output	550,000.00		
186	Development of surface-modified nanocrystalline cellulose for metal ions removal in wastewater	Ventura, Jey-R	CEAT	UPLB	ECWRG	2015	Assistant Professor 7	2016-04-04	2017-01-04	2017-10-04	COMPLETED	500,000.00	Garing, C. L., Arabit, J. M., Elec, L. C. C., Eusebio, R. C. P., Ventura, R. L. G., Escobar, E. C., & Ventura, J. S. 2018. Magnetic Citric Acid-modified Cellulose for the removal of Copper Ions from aqueous solution. <i>Materials Science Forum</i> , 934, 181-186.	
187	The organochlorine pesticide residues: Effects on productivity and issues on food safety of mallard ducks (<i>Anas platyrhynchos</i> L.)	Vega, Renato	CA	UPLB	ECWRG	2015	Professor 3	2016-05-03	2017-02-03	2017-11-02	COMPLETED	600,000.00	Renato SA. Vega, Christine B. Adiova, John Sylvester B. Nas, Desiree Joy V. Cerico, and David D. Manalo. 2021. Effects of Commercial Antioxidants Applied In Ovo on Chorioallantoic Membrane and Putative Plasma Vitellogenin of Philippine Mallard (<i>Anas platyrhynchos</i> L.). <i>IOP Conferences Series Earth and Environmental Science</i> . [VERIFY FORMAT]	
188	Air pollution tolerance index of selected trees in parks and major roadsides of Metro Manila	Sia Su, Glenn	CAS	UPM	ECWRG	2015	Associate Professor 7	2016-02-15	2016-11-15	2017-08-16	COMPLETED	550,000.00	Sia Su, G. L., Solomon, N. F. R., Ragrajio, E. M. 2018. Air pollution tolerance index of selected trees in major roadsides of Metro Manila, Philippines. <i>Nature Environment and Pollution Technology</i> .	
189	Removal of heavy metals from laboratory waste water using chitosan-activated carbon composite	Villarante, Nelson	CAS	UPM	ECWRG	2015	Professor 1	2015-08-01	2016-05-01	2017-02-01	COMPLETED	600,000.00	Villarante, R. N., Bautista, N. P. R., & Sumalapao, D. E. P. 2017. Batch absorption study and kinetic profile of Cr(VI) using lumbang (<i>Aleurites Moluccana</i>)-Derived activated Carbon-Chitosan Composite Crosslinked with Epichlorohydrin. <i>Oriental Journal of Chemistry</i> .	
190	Taxonomic of the highly endemic herbaceous plant <i>Begonia</i> of Panay Island	Rubite, Rosario	CAS	UPM	ECWRG	2015	Professor 11	2016-04-01	2017-01-01	2017-09-30	COMPLETED	650,000.00	Rubite, R. R., Peng, C. I., Chung, K. F., Lin, C. F., Evangelista, L. T., Tandang, D. N., Callado, J. R. C., & Hughes, M. 2017. Three new species of <i>Begonia</i> (section <i>Baryandra</i> , <i>Begoniaceae</i>) from Luzon Island, the Philippines. <i>Phytotaxa</i> . 347, 3. 201-212. http://dx.doi.org/10.11646/phytotaxa.347.3.1 Hughes M., Peng C.-I., Lin C.-W., Rubite R. R., Blanc P., Chung K.-F. 2018. Chloroplast and nuclear DNA exchanges among <i>Begonia</i> sect. <i>Baryandra</i> species (<i>Begoniaceae</i>) from Palawan Island, Philippines, and descriptions of five new species. <i>PLoS ONE</i> . 10.1371/journal.pone.0194877 Magtoto L.M., Rubite R.R., Austria C.M. 2018. <i>Begonia adamsensis</i> (Sect. <i>Baryandra</i> , <i>Begoniaceae</i>), a new species from Luzon Island, the Philippines. <i>Phytotaxa</i> . 10.11646/phytotaxa.343.3.10	

ECWRG Masterlist

Enhanced Creative Work and Research Grant														
Data as of 05 June 2020														
	Project Title	Name of Proponent	Unit	CU	Funding Source	Year	Rank	Start	End	Approved Extension	Status	Total Approved Budget	Output/Publication	Other Output
191													Peng C.I., Rubite, R.R., Lin, C.W., Hughes, M., Kono, Y., & Chung, K.F. 2017. Three new species of Begonia sect. Baryandra from Panay Island, Philippines. Botanical Studies, 58.	
192	Fishery and reproductive biology of the coconut crab, <i>Birgus latro</i> (Linnaeus 1767) on Caluya Island, Antique, Western Visayas, Philippines	Baylon, Juliana	CAS	UPV	ECWRG	2015	Professor 9	2016-03-01	2016-12-01	2017-08-31	OUTPUT for submission	650,000.00		
193	Self-translation into English of the Hiligaynon Short Stories in the book "Sa Taguungan sang Duta" kag Iban Pa nga Sugilanon	Gonzales, Alicia	CAS	UPV	ECWRG	2015	Professor 7	2016-04-27	2017-01-27	2017-10-27	COMPLETED	650,000.00	Gonzales, A.T. 2018. In the Womb of the Earth and Other Stories: Self-Translation from Hiligaynon into English. Quezon City: University of the Philippines Press.	
194	Settlement habitats of early stages of blue crab, <i>Portunus pelagicus</i> , in Northeast Panay	Campos, Wilfredo	CAS	UPV	ECWRG	2015	Professor 9	2016-03-15	2016-12-15	2017-09-15	OUTPUT for submission	650,000.00		
195	Coccolithopore Occurences in Philippine waters	Peleo-Alampay, Alyssa M.	CS	UPD	ECWRG	2016	Professor 6	2016-08-01	2017-05-01	2018-01-31	OUTPUT for submission	600,000.00		
196	Optimal Control Strategies of Regulating the "Go or Grow" Dynamics of Glioblastoma Multiforme	Delos Reyes, Aurelio V. A.	College of Science	UPD	ECWRG	2016	Assistant Professor 4	2016-08-01	2017-05-01	2018-01-31	COMPLETED	500,000.00	Jung, E., de Los Reyes, V. A. A., Pumares, K. J. A., & Kim, Y. 2019. Strategies in regulating glioblastoma signaling pathways and anti-invasion therapy. PLoS One. 14(4):e0215547. https://doi.org/10.1371/journal.pone.0215547 .	
197	Sa Pakpak ng Tula 2	Aguila, Reuel	College Arts and Letters	UPD	ECWRG	2016	Assistant Professor 5	2016-08-01	2017-05-01	2018-01-31	COMPLETED	550,000.00	Aguila, R. 2017. Sa Pakpak ng Tula 2. Exhibit	
198	Investigation of the Antagonistic Activity of <i>Lactobacillus</i> spp. Against Enteropathogenic Bacteria	Ibana, Joyce A	College of Science	UPD	ECWRG	2016	Associate Professor 3	2016-08-01	2017-05-01	2018-01-31	COMPLETED	550,000.00	Imperial, I. C. V. J., & Ibana, J. A. 2016. Addressing the antibiotic resistance problem with probiotics: Reducing the risk of its double-edged sword effect. <i>Frontiers in Microbiology</i> .	
199	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.	College of Fine Arts	UPD	ECWRG	2016	Assistant Professor	2016-08-01	2017-05-01	2018-01-31	COMPLETED	500,000.00	Abaño M. V. 2017. Beyond my Body. Exhibit	
200	Isolation and Identification of Bacteria Producing Nanocellulose for Biomaterial Applications	Franco, Rose Ann G.	College of Arts and Sciences	UPLB	ECWRG	2016	Assistant Professor 4	2016-08-01	2017-05-01	2018-01-31	COMPLETED	500,000.00	Franco, R. A., Padalhin, A. R., Cuenca, J. P., Ventura, R., Montecillo, A., Fernando, L., & Lee, B. T. 2019. Characterization of bacterial nanocellulose produced by isolates from Philippine nata starter and its biocompatibility. <i>Journal of Biomaterials Applications</i> . https://doi.org/10.1177/0885328219852728	

Enhanced Creative Work and Research Grant														
Data as of 05 June 2020														
	Project Title	Name of Proponent	Unit	CU	Funding Source	Year	Rank	Start	End	Approved Extension	Status	Total Approved Budget	Output/Publication	Other Output
201	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.	College of Arts and Sciences	UPLB	ECWRG	2016	Assistant Professor 6	2016-08-01	2017-05-01	2018-01-31	COMPLETED	500,000.00	<p>Tubay, J. M., & Yoshimura, J. 2018. Resistance of a terrestrial plant community to local microhabitat changes. Wiley Ecology and Evolution, 1-10.</p> <p>Pulungan M.A., Suzuki S., Gavina M.K.A., Tubay J.M., Ito H., Nii M., Ichinose G., Okabe T., Ishida A., Shiyomi M., Togashi T., Yoshimura J., Morita S. 2019. Grazing enhances species diversity in grassland community. Scientific Reports. 10.1038/s41598-019-47635-1</p>	
202	Homogenization and Controllability of parabolic Equations with Interfacial Contact Resistance through Rough Surfaces	Jose, Editha C.	College of Arts and Sciences	UPLB	ECWRG	2016	Assistant Professor 7	2016-08-01	2017-05-01	2018-01-31	COMPLETED	500,000.00	<p>Donato, P., Jose, E. C., & Onofrei, D. 2018. Asymptotic Analysis of a Multiscale Parabolic Problem with a Rough Fadt Oscillating Interface. Archive of Applied Mechanics.</p>	
203	Evolutionary Decision Games in Complex Biological Interactions at the Edge of Catastrophe	Rabajante, Jomar F.	College of Arts and Sciences	UPLB	ECWRG	2016	Assistant Professor 7	2016-08-01	2017-05-01	2018-01-31	COMPLETED	500,000.00	<p>Cortez, M. J. V., Rabajante, J. F., Tubay, J. M., & Babierra, A. L. 2017. From epigenetic landscape to phenotypic fitness landscape: Evolutionary effect of pathogens on host traits. Infection, Genetics, and Evolution, 51, 245-254.</p> <p>Tahara T., Gavina M.K.A., Kawano T., Tubay J.M., Rabajante J.F., Ito H., Morita S., Ichinose G., Okabe T., Togashi T., Tainaka K.-I., Shimizu A., Nagatani T., Yoshimura J. 2018. Asymptotic stability of a modified Lotka-Volterra model with small immigrations. Scientific Reports. 10.1038/s41598-018-25436-2</p> <p>Anzia E.L., Rabajante J.F. 2018. Antibiotic-driven escape of host in a parasite-induced Red Queen dynamics. Royal Society Open Science. 10.1098/rsos.180693</p> <p>Gavina M.K.A., Aoki K., Ichinose G., Rabajante J.F., Ito H., Morita S., Jansen V. A.A., Yoshimura J. 2018. Long-term persistence of agricultural pest insects by risk-spreading dispersal. Ecological Research. 10.1007/s11284-018-1615-z</p>	

ECWRG Masterlist

Enhanced Creative Work and Research Grant														
Data as of 05 June 2020														
	Project Title	Name of Proponent	Unit	CU	Funding Source	Year	Rank	Start	End	Approved Extension	Status	Total Approved Budget	Output/Publication	Other Output
204	Investigation of Metallic Single-Layer Transition Metal Dichalcogenides (TMDs) Polytypes as Promising Anode Materials for Na-ion Battery: Density Functional Theory Study Barayang Putungan D., Lin S.-H. 2017. A look into atomic carbon and oxygen adsorption on 1T'-MoS2 monolayer: Density functional theory calculations. Materials Research Express. 10.1088/2053-1591/aa9dbb	Putungan, Darwin B.	College of Arts and Sciences	UPLB	ECWRG	2016	Associate Professor 1	2016-08-01	2017-05-01	2018-01-31	COMPLETED	550,000.00	Li, Y. X., Putungan, D. B., & Lin, S. H. 2018. Two-dimensional MTe ₂ (M=Co, Fe, Mn, Sc, Ti) transition metal tellurides as sodium ion battery anode materials: Density functional theory calculations. Physics Letters A. 382, 2781–2786.	
205	Computational and Statistical Approaches in Deciphering the Key Molecular Structure-Derived Properties of Medicinal Compounds	Billones, Liza T.	College of Arts and Sciences	UPM	ECWRG	2016	Assistant Professor 2	2016-08-01	2017-05-01	2018-01-31	OUTPUT for submission	500,000.00		
206	Application of the PRECEDE-PROCEED Model in the Development of Evidence-based Intervention for Drowning Prevention	Guevarra, Jonathan P.	College of Public Health	UPM	ECWRG	2016	Assistant Professor 7	2016-08-01	2017-05-01	2018-01-31	Output	500,000.00		
207	The Role of High Value Markets (Supermarkets, Specialty Stores and Exports) in Preserving the Environment	Digal, Larry N.	School of Management	UPMin	ECWRG	2016	Professor 7	2016-08-01	2017-05-01	2018-01-31	COMPLETED	650,000.00	Digal, L. N., Placencia, S. G. P., & Balgos, C. Q. 2017. Market assessment on the incentives and disincentives for the adoption of sustainable practices along the tuna value chain in Region 12, Philippines. Marine Policy .86, 39-46.	
208	The Role of High Value Markets (Supermarkets, Specialty Stores and Exports) in Preserving the Environment	Digal, Larry N.	School of Management	UPMin	ECWRG	2016	Professor 7	2016-08-01	2017-05-01	2018-01-31	COMPLETED		Digal, L. N., & Placencia, S. G. P. 2018. Factors affecting the adoption of organic rice farming: the case of farmers in M'lang, North Cotabato, Philippines. Organic Agriculture, 1-12.	
209	The Role of High Value Markets (Supermarkets, Specialty Stores and Exports) in Preserving the Environment	Digal, Larry N.	School of Management	UPMin	ECWRG	2016	Professor 7	2016-08-01	2017-05-01	2018-01-31	COMPLETED		Digal, L. N., & Placencia, S. G. P. 2019. Factors affecting the adoption of organic rice farming: the case of farmers in M'lang, North Cotabato, Philippines. Organic Agriculture, 9(2), 199-210.	
210	Biodiversity of Ticks and Tick-Borne Pathogens in Small Ruminants in Cebu	Ybañez, Adrian P.	Science Cluster	UPCebu	ECWRG	2016	Assistant Professor 7	2017-02-13	2017-11-13	2018-08-12	COMPLETED	500,000.00	Ybañez, A. P., Arrabis, O. V., Alvarez, D. J. M., Galon, E. M. S., Jayag, R. M. P., Delan, E. S., Ybanez, R. D. H., & Xuan, X. 2019. Evaluation on the presence of Anaplasma, Ehrlichia, and Babesia spp. in goats (Capra hircus) in Cebu, the Philippines. Veterinary World, 10(6), 774-777. Ybañez R.D., Ybañez A.P., Arnado L.A., Belarmino L.P., Malingin K.F., Cabilete P.C., Amores Z.O., Talle M.G., Liu M., Xuan X. 2018. Detection of Ehrlichia, Anaplasma, and Babesia spp. in dogs in Cebu, Philippines. Veterinary World.10.14202 /vetworld.2018.14-19	
211	In Praise of Wilderness	Carreon, Charmaine L.	Arts and Humanities Cluster	UPCebu	ECWRG	2016	Assistant Professor 7	2017-02-01	2017-11-01	2018-07-31	COMPLETED	500,000.00	25 Poems: In Praise of Wilderness (with reviews from literary experts)	

ECWRG Masterlist

Enhanced Creative Work and Research Grant														
Data as of 05 June 2020														
	Project Title	Name of Proponent	Unit	CU	Funding Source	Year	Rank	Start	End	Approved Extension	Status	Total Approved Budget	Output/Publication	Other Output
212	Pseudocapacitive Properties of Copper Oxide Nanowires Prepared by Electroless Deposition	Balela, Mary Donnabelle L.	COE	UPD	ECWRG	2016	Associate Professor 1	2017-02-13	2017-11-13	2018-08-12	COMPLETED	550,000.00	Espejoa, E. M. A., & Balela, M. D. L. 2017. Electrochemical Investigation of Cupric Oxide Grown on Copper Foil via Chemical Bath Deposition. Solid State Phenomena, 266, 105-109. Balela M.D.L., Cabiles V.I.2019. Effect of pvp on the morphology and growth of cu hierarchical nanostructures prepared by electroless deposition. Key Engineering Materials10.4028/www.scientific.net/KEM.821.183	
213	Effects of the Maternal Diet on the Quantity and Performance of Probiotics Isolated from Breast Milk of Some Filipino Women	Bayaga, Cecile Leah T.	CHE	UPD	ECWRG	2016	Associate Professor 1	2017-02-13	2017-11-13	2018-08-12	COMPLETED	550,000.00	Bayaga, C. L. T., Pico, M. B., Bongga, D. C., Barrios, E. B., & Gabriel, A. A. 2019. Development and Evaluation of a Culturally Sensitive Food Frequency Questionnaire for the Assessment of Prebiotic and Probiotic Intake of Urban-living, Low-to-medium-income Women. Philippine Journal of Science 148 (3): 551-561, September 2019 ISSN 0031 - 7683 Date Received: 03 May 2019 WoS Bayaga C.L.T., Pico M.B., Belano J.I.G., Bongga D.C., Gabriel A.A.2018. Breastfeeding practices of lactating women in selected cities in metropolitan Manila.Philippine Journal of Science	
214	Regulated and Emerging Disinfection By-Products in the Local Drinking Water Supplies	Espino, Maria Pythias B.	CS	UPD	ECWRG	2016	Associate Professor 4	2017-03-15	2017-12-15	2018-09-14	9th-month report/ Output	550,000.00		
215	Reconstructing the Bifurcation History of the North Equatorial Current (NEC) Using Calcareous Nannoplankton and Nannofossil Distribution in the Surface Waters and Sediments of Lamun Bay (Eastern Philippines)	Fernando, Allan Gil S.	CS	UPD	ECWRG	2016	Associate Professor 5	2017-02-13	2017-11-13	2018-08-12	9th-month report/ Output	550,000.00		
216	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.	CS	UPD	ECWRG	2016	Assistant Professor 4	2017-02-13	2017-11-13	2018-08-12	9th-month report/ Output	500,000.00		
217	Can the Angular Goos-Hänchen shift be Used for Ultra Thin Film Thickness Determination?	Hermosa, Nathaniel li P.	CS	UPD	ECWRG	2016	Associate Professor 1	2017-02-13	2017-11-13	2018-08-12	COMPLETED	550,000.00	Narag, J., Hermosa, N. 2017. Response of quadrant detectors to structured beams via convolution integrals. Vol 34, Issue 7, pp. 1212-1216. Journal of the Optical Society of America OSA, 34, 7, 1212-1216 https://doi.org/10.1364/JOSAA.34.001212	
218	Can the Angular Goos-Hänchen shift be Used for Ultra Thin Film Thickness Determination?	Hermosa, Nathaniel li P.	CS	UPD	ECWRG	2016	Associate Professor 1	2017-02-13	2017-11-13	2018-08-12	COMPLETED		Zambale, N. A. F., Sagisi, J. L. B., & Hermosa, N. 2018. Goos-Hänchen shifts due to graphene when intraband conductivity dominates. Optical Materials.	

ECWRG Masterlist

Enhanced Creative Work and Research Grant														
Data as of 05 June 2020														
	Project Title	Name of Proponent	Unit	CU	Funding Source	Year	Rank	Start	End	Approved Extension	Status	Total Approved Budget	Output/Publication	Other Output
219	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.	CMU	UPD	ECWRG	2016	Associate Professor 5	2017-02-13	2017-11-13	2018-08-12	COMPLETED	550,000.00	Musical Composition: Tinigbayi, Tiniglaki, Lupit. 2019.	
220	Nonconvex TVq Model with L1 Fidelity for Image Restoration: Analysis and Algorithm	Neri, Marrick C.	CS	UPD	ECWRG	2016	Associate Professor 3	2017-02-13	2017-11-13	2018-08-12	9th-month report/ Output	550,000.00		
221	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.	COE	UPD	ECWRG	2016	Associate Professor 2	2017-02-13	2017-11-13	2018-08-12	COMPLETED	550,000.00	Pajarito, B. B., Caguntas, A. J. F., Felices, N. B., Tubalinal, H. O. S., & Leuterio, G. L. D. 2018. Corrosion, wettability, and adhesion of acrylic coating containing Silane-treated mineral fillers on Carbon steel. Materials Science Forum, 917, 252-256. Pajarito B.B., Caguntas A.J.F., Felices N.B., Tubalinal H.O.S., Leuterio G.L.D.2018. Effect of silane-treated mineral fillers on corrosion, wettability, and adhesion of saturated polyester coated on carbon steel. Key Engineering Materials	
222	Beyond the Sea - Exploring the First Seafarers of the Philippine Archipelago	Pawlik, Alfred F.	ASP	UPD	ECWRG	2016	Associate Professor 7	2017-02-13	2017-11-13	2018-08-12	COMPLETED	550,000.00	Pawlik A.F., Piper, P.J. 2018. The Philippines from c. 14,000 to 4,000 cal. bp in regional context. Cambridge Archaeological Journal, 1-22. Reyes M.C., Ingicco T., Piper P.J., Amano N., Pawlik A.F.2017. First fossil evidence of the extinct Philippine cloud rat Crateromys paulus (Muridae: Murinae: Phloeomyini) from Ilin Island, Mindoro, and insights into its Holocene abundance. Proceedings of the Biological Society of Washington. 10.2988/17-00012	
223	Beyond the Sea - Exploring the First Seafarers of the Philippine Archipelago	Pawlik, Alfred F.	ASP	UPD	ECWRG	2016	Associate Professor 7	2017-02-13	2017-11-13	2018-08-12	COMPLETED		Xhaufflair, H., Revel, N., Vitales, T. J., Callado, J. R., Tandang, D., Gaillard, C., Forestier, H., Dizon, E., & Pawlik, A. 2017. What plants might potentially have been used in the forests of prehistoric Southeast Asia? An insight from the resources used nowadays by local communities in the forested highlands of Palawan Island. Quaternary International, 448, 169-189.	
224	Differential Item Functioning and Logical Data Analyses of the 2015 University of the Philippines College Admission Test (UPCAT)	Pedrajita, Jose Q.	COEd	UPD	ECWRG	2016	Associate Professor 1	2017-02-13	2017-11-13	2018-08-12	OUTPUT for submission	550,000.00		
225	The Portable Culture of a Seafaring People: A Pre-Contact Figurative Art Object from the Catanauan Excavation Site	Rownd, Robert H.	CMC	UPD	ECWRG	2016	Assistant Professor 2	2017-02-13	2017-11-13	2018-08-12	9th-month report/ Output	500,000.00		
226	A Cultural History of the Medical Promotion of Vitamins and Dietary Supplements in the Philippines	Tan, Michael L.	CSSP	UPD	ECWRG	2016	Professor 12	2018-04-01	2019-01-01	2019-09-30	9th-month report/ Output	650,000.00		
227	A Natural History Guide on Philippine Shores	Vallejo, Benjamin Jr. M.	CS	UPD	ECWRG	2016	Associate Professor 4	2017-02-13	2017-11-13	2018-08-12	OUTPUT for submission	550,000.00		

ECWRG Masterlist

Enhanced Creative Work and Research Grant														
Data as of 05 June 2020														
	Project Title	Name of Proponent	Unit	CU	Funding Source	Year	Rank	Start	End	Approved Extension	Status	Total Approved Budget	Output/Publication	Other Output
228	Modification of Polymeric Surfaces via Energetic Ion Bombardment	Vasquez, Magdalena R. Jr.	COE	UPD	ECWRG	2016	Assistant Professor 4	2017-02-13	2017-11-13	2018-08-12	COMPLETED	500,000.00	Taaca, K. L. M., & Vasquez Jr., M. R. 2017. Hemocompatibility and cytocompatibility of pristine and plasma-treated silver-zeolite-chitosan composites. Applied Surface Science. Chiong M.R., III, Angub M.C.M., Vasquez M. R., Jr.2018. Antifouling properties of glass substrates irradiated with acetylene plasma. Plasma Medicine. 10.1615 /plasmamed.2018023527	
229	Isolation and Evaluation of Nutritional Physico-Chemical and Functional Properties of Proteins from Microwave-Vacuum (MV) Stabilized Rice Bran	Villarino, Blanca J.	CHE	UPD	ECWRG	2016	Associate Prof 5	2017-02-13	2017-11-13	2018-08-12	OUTPUT for submission	550,000.00		
230	Biodiesel Production in a Packed Column Using OH-Impregnated Calcium Oxide as Heterogeneous Catalyst by a Co-Solvent Method	Bambase, Manolito Jr. E.	CEAT	UPLB	ECWRG	2016	Assistant Professor 4	2017-02-13	2017-11-13	2018-08-12	COMPLETED	500,000.00	Bambase, M. E. Jr., Almazan, R. A. R., Demafelis, R. B., Sobremisana, M. J., Dizon, L. S. H. 2020. Biodiesel production from refined coconut oil using hydroxide-impregnated calcium oxide by cosolvent method. Renewable Energy. https://doi.org/10.1016/j.renene.2020.08.115	
231	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.	CAS	UPLB	ECWRG	2016	Associate Professor 4	2017-02-13	2017-11-13	2018-08-12	OUTPUT for submission	550,000.00		
232	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.	CAS	UPLB	ECWRG	2016	Associate Professor 4	2017-02-13	2017-11-13	2018-08-12	COMPLETED	550,000.00	de Guia, A. O. P., Chavez, G. C. S., & Fernandez, D. A. P. 2020. Distribution and diet of the common palm civet (<i>Paradoxurus philippinensis</i>) in the Mt. Makiling Forest Reserve, Luzon Island, Philippines. Philippine Science Letters 13 (1): 28-33	
233	Analysis of Irrigation Structures Sensitivity and Perturbations in Support for the Development of Improved Operation and Management (O&M) of UPRRIS	Delos Reyes, Mona Liza F.	CEAT	UPLB	ECWRG	2016	University Researcher III	2017-06-01	2018-03-01	2018-11-30	OUTPUT for submission	500,000.00		
234	Spiders of Philippine Forest Ecosystems (with Special Focus of Mt. Guiting-guiting and Mt. Makiling)	Dupo, Aimee Lynn B.	CAS	UPLB	ECWRG	2016	Professor 3	2017-02-13	2017-11-13	2018-08-12	COMPLETED	600,000.00	Barrion-Dupo, A. L. A., & Barrion, A. T. 2018. Discovery of the family deinopidae from the Philippines, with descriptions of new species of <i>Deinopis Macleay</i> 1839. Philippine Entomologist, 31(1), 1-23.	
235	Extraction and Characterization of Pectin from Various Fruit Processing Waste Products	Israel, Katherine Ann C.	CA	UPLB	ECWRG	2016	Assistant Prof 6	2017-02-13	2017-11-13	2018-08-12	COMPLETED	500,000.00	Castillo-Israel, K. A. T., Amian, J. F. R., Garibay, Z. J. S., Leyeza, V. E. B., Sarte A. J. T. 2019. A comparative study on characteristics of Pectins from various fruit peel wastes extracted using Acid and Microbial enzymes. Journal of Microbiology, Biotechnology and Food Science, 9(2).	

ECWRG Masterlist

Enhanced Creative Work and Research Grant														
Data as of 05 June 2020														
	Project Title	Name of Proponent	Unit	CU	Funding Source	Year	Rank	Start	End	Approved Extension	Status	Total Approved Budget	Output/Publication	Other Output
236	Serological and Molecular Detection of Newcastle Disease Virus in Cattle Egrets in Central Luzon	Lastica-Ternura, Emilia A.	CVM	UPLB	ECWRG	2016	Assistant Professor 7	2017-02-13	2017-11-13	2018-08-12	COMPLETED	500,000.00	Ceñidoza, A.M., Lastica-Ternura, E.A., & Umali, D.A. 2018. Serological and molecular detection of Newcastle Disease virus in cattle egrets (<i>Bubulcus ibis</i>) in Bulacan, Philippines. <i>Philippine Journal of Veterinary Medicine</i> .	
237	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.	CVM	UPLB	ECWRG	2016	Associate Professor 2	2017-02-13	2017-11-13	2018-08-12	COMPLETED	550,000.00	Mabansag, C. J. A., Paraso, M. G. V., Marcelino, R. T., Clavecillas, A. A., & Lola, M. S. E. G. 2019. A preliminary survey of estrogenic effects in cultured adult male Nile Tilapia (<i>Oreochromis niloticus</i>) in the Seven Lakes of San Pablo City, Philippines. <i>Bulletin of Environmental Contamination and Toxicology</i> , https://doi.org/10.1007/s00128-019-02685-z . Guevarra R.D., Paraso M.G.V., Lola M.S.E.G. 2020. Biomarker evaluation in Nile Tilapia (<i>Oreochromis niloticus</i>) to assess the health status of aquaculture areas in the Seven Lakes of San Pablo. <i>Philippine Journal of Science</i>	
238	Morphometric and Molecular Analysis of Eggplant Fruit and Shoot Borer, <i>Leucinodes orbonalis</i> Guenee in the Philippines for Population Differentiation	Taylor, Lourdes D.	CA	UPLB	ECWRG	2016	University Researcher II	2017-02-13	2017-11-13	2018-08-12	COMPLETED	500,000.00	Sagarbarria, M. G. S., Marasigan, J. C. M., Taylor, L. D., & Hautea, D. M. 2018. Identity and genetic structure of eggplant fruit and shoot borer, <i>Leucinodes orbonalis</i> Guenee (Lepidoptera:Crambidae) populations in the Philippines inferred from morphological traits and COI sequence data. <i>Journal of Asia-Pacific Entomology</i> , 21, 1009–1019.	
239	Isolation and Molecular Characterization of <i>Salmonella</i> spp. In Commercial Chicken Eggs from Public Markets in Metro Manila, Philippines	Umali, Dennis V.	CVM	UPLB	ECWRG	2016	Assistant Professor 7	2017-02-13	2017-11-13	2018-08-12	COMPLETED	500,000.00	Aguila, S. R. B. & Umali D. V. 2019. Isolation and genetic characterization of <i>Salmonella</i> spp. in chicken eggs from public wet markets in Metro Manila, Philippines. <i>Philippine Journal of Veterinary Medicine</i> 56(2): 74-82.	
240	Isolation and Molecular Characterization of <i>Salmonella</i> spp. In Commercial Chicken Eggs from Public Markets in Metro Manila, Philippines	Umali, Dennis V.	CVM	UPLB	ECWRG	2016	Assistant Professor 7	2017-02-13	2017-11-13	2018-08-12	COMPLETED		Umali, D. V. 2019. Antimicrobial susceptibility profiles and detection of colistin resistance <i>mcr-1</i> gene in <i>Salmonella enterica</i> isolates from chicken eggs in Metro Manila, Philippines. <i>Philippines Journal of Veterinary Medicine</i> , 56(2), 83-91.	
241	An Illustrated Checklist of the Hermit Crabs of the Remote Northern Mariana Islands, Including new Species Records	Malay, Maria Cecilia D.	CAS	UPV	ECWRG	2016	Associate Professor 4	2017-03-16	2017-12-16	2018-09-15	OUTPUT for submission	550,000.00	Malay M.C.M.D., Rahayu D.L., Chan T.-Y. 2018. Hermit crabs of the genera <i>calcinus</i> dana, <i>clibanarius</i> dana, and <i>dardanus</i> paulson from the panglao 2004 expedition, with description of a new species and a checklist of the hermit crabs of the Philippines (Crustacea: Anomura: Paguroidea). <i>Raffles Bulletin of Zoology</i>	

ECWRG Masterlist

Enhanced Creative Work and Research Grant														
Data as of 05 June 2020														
	Project Title	Name of Proponent	Unit	CU	Funding Source	Year	Rank	Start	End	Approved Extension	Status	Total Approved Budget	Output/Publication	Other Output
242	Impact of Island Formation on Desorption Kinetics During Temperature-Programmed Desorption: A Kinetic Monte Carlo Study	Albao, Marvin A.	CAS	UPLB	ECWRG	2017	Professor 1	2017-08-08	2018-05-08	2019-02-07	COMPLETED	600,000.00	Albao, M. A. 2019. Impact of defect-driven surface inhomogeneity and minimal island formation on temperature-programmed desorption spectra: A kinetic Monte Carlo study. <i>Surfaces and Interfaces</i> , 16, 85-92.	
243	Quorum Sensing Inhibitors for Veterinary Applications	Bandoy, Dj Darwin R.	CVM	UPLB	ECWRG	2017	Assistant Professor 2	2017-08-08	2018-05-08	2019-02-07	COMPLETED	500,000.00	Bandoy, D. 2019. Large scale enterohemorrhagic E coli population genomic analysis using whole genome typing reveals recombination clusters and potential drug target. F1000Research. Bandoy D.J.D. 2019. Pangenome guided pharmacophore modelling of enterohemorrhagic Escherichia coli sdiA [version 1; peer review: 1 approved with reservations, 1 not approved]. F1000Research. 10.12688/F1000RESEARCH.17620.1	
244	Development of β -cyclodextrin Microcapsules for Delivery of β -carotene as Rice Fortificant (output #1) Water dispersability of the beta carotene source and its effect on the physical, thermal, and in vitro release properties of an exclusion complex (output #2)	Flores, Floirendo P.	CAFS	UPLB	ECWRG	2017	Associate Professor 2	2017-08-08	2018-05-08	2019-02-07	OUTPUT for submission	550,000.00	Jack D. Dela Cruz and Floirendo P. Flores. Evaluation of Physicochemical Characteristics, In Vitro Release and Antioxidant Properties of β -carotene and β -cyclodextrin Inclusion Complexes with Rice as Food Matrix. 2020. <i>The Philippine Agricultural Scientist</i> . Vol. 103 No. 4, 337-348. ISSN 0031-7454. [VERIFY FORMAT] Flores F.P., Kong F.2021. Water dispersibility of the β -carotene source and its effect on the physical, thermal, and in vitro release properties of an inclusion complex. <i>International Journal of Food Science and Technology</i> . 10.1111/ijfs.14991	
245	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.	CVM	UPLB	ECWRG	2017	Assistant Professor 5	2017-08-08	2018-05-08	2019-02-07	COMPLETED	500,000.00	Dela Cruz, A., Galay, R., Sandalo, K., Pilapil-Amante, F., & Tanaka, T. 2019. Molecular detection of Anaplasma spp. in blood and milk of dairy cattle in the Philippines. <i>Turk J Vet Anim Sci</i> 43:© TÜBİTAK https://doi.org/10.3906/vet-1903-27	
246	Monitoring the Implementation of RA 9003 (SWM Act) at the Barangay and Municipal Levels in Santa Cruz Watershed	Nguyen, Miriam R.	CPAD	UPLB	ECWRG	2017	University Researcher 3	2017-08-08	2018-05-08	2019-02-07	COMPLETED	500,000.00	Miriam Ramirez Nguyen and Maria Francesca Ofren Tan. 2020. Solid Waste Management in Urban and Rural Communities of Santa Cruz Watershed, Laguna, Philippines. <i>Journal of Social Sciences & Humanities (JSSH)</i> , Volume 28 (4) Dec. 2020. DOI: https://doi.org/10.47836/pjssh.28.4.20 . ISSN: 0128-7702. e-ISSN 2231-8534 [VERIFY FORMAT]	

ECWRG Masterlist

Enhanced Creative Work and Research Grant														
Data as of 05 June 2020														
	Project Title	Name of Proponent	Unit	CU	Funding Source	Year	Rank	Start	End	Approved Extension	Status	Total Approved Budget	Output/Publication	Other Output
247	Optimization of Kalumpit (Terminalia Microcarpa) Antioxidant Extraction Protocol	Santiago, Dennis Marvin O.	CAFS	UPLB	ECWRG	2017	Associate Professor 2	2017-08-08	2018-05-08	2019-02-07	COMPLETED	550,000.00	Santiago, D. M., Zubia, C., Pacia, S. E., Duque, S. M. 2020. Optimization of Antioxidant Extraction from Kalmpit (Terminalia Microcapa Decne) Fruits. Journal of Microbiology Biotechnology and Food Sciences.	
248	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.		UPLB	ECWRG	2017	Associate Professor 4	2017-08-08	2018-05-08	2019-02-07	OUTPUT for submission	550,000.00	Ferreras J.M., Clemencia M.C.M., Hizon-Fradejas A., Uy L.Y., Torio M.A.. 2021. Isolation, purification and characterization of proteins in "señorita" banana (Musa acuminata (aaa) 'señorita') pulp with bioactive peptides exhibiting antihypertensive and antioxidant activities. Applied Sciences (Switzerland). 10.3390/app11052190	
249	Babala ng Balang Araw at Iba Pang Abiso	Acuña, Arbeen R.	CAL	UPD	ECWRG	2017	Instructor 6	2017-08-08	2018-05-08	2019-02-07	COMPLETED	450,000.00	Acuña, A. R. 2020.Ororboro at Iba Pang Abiso. UP Press.	
250													Acuña, A. R. 2020. Minanikang Makina at iba pang Tula. Dadiangas Review	
251	SAYSAY: The Philippine Essay in the 21st Century	Cruz, Conchitina	CAL	UPD	ECWRG	2017	Assistant Professor 7	2017-08-08	2018-05-08	2019-02-07	COMPLETED	500,000.00	Cruz, C. 2019 Sáyay Saysay Sanaysay: A Bilingual Anthology of Essays by Filipino Authors. Manila: De La Salle University Publishing House	
252	Musika ng Pananakop: Panahon ng Hapon sa Filipinas, 1942-1945	Navarro, Raul C.	CM	UPD	ECWRG	2017	Professor 2	2017-08-08	2018-05-08	2019-02-07	COMPLETED	600,000.00	Navarro, R. C. 2019. "Musika ng Pananakop: Panahon ng Hapon sa Filipinas, 1942-1945." Humanities Diliman, 16 (2), 1-46.	
253	Investigating Online Incivility and its Consequence on Online Discourse Engagement	San Pascual, Maria Rosel S.	CMC	UPD	ECWRG	2017	Assistant Professor 6	2017-08-08	2018-05-08	2019-02-07	COMPLETED	500,000.00	San Pascual, M. R. S. 2020. The Climate of Incivility in Philippine Daily Inquirer's Social Media Environment. Plaridel, Volume 17 Issue 01.	
254	Computer-Aided Discovery of Repurposed Drugs for Superbugs	Billones, Junie B.	CAS	UPM	ECWRG	2017	Professor 2	2017-08-08	2018-05-08	2019-02-07	COMPLETED	600,000.00	Billones, J. B., & Bangalan, A. T. 2019. Structure-Based Discovery of Inhibitors Against MurE in Methicillin-Resistant Staphylococcus aureus. Oriental Journal of Chemistry, 35(2), 618-625	
255	A Practical Guide to International Ballroom Styles and Filipino Social Dances	Dimarucut, Alberto L.	CHK	UPD	ECWRG	2017	Assistant Professor 1	2018-03-23	2018-12-23	2019-09-24	OUTPUT for submission	500,000.00		
256	The Case of the Filipino-Korean Spouses Association (FKSA)	Encinas-Franco, Jean S.	CSSP	UPD	ECWRG	2017	Assistant Professor 7	2018-03-23	2018-12-23	2019-09-24	OUTPUT for submission	500,000.00		
257	On Near-Perfect and Deficient-Perfect Numbers	Celeste, Richell O.	CS	UPD	ECWRG	2017	Assistant Professor 7	2018-03-23	2018-12-23	2019-09-24	9th-month report/ Output	500,000.00		
258	Repetitions and Alterations: Dramaturgy of Collaborative Adaptations in the Philippines	Tiatco, Sir Anril P.	CAL	UPD	ECWRG	2017	Associate Professor 3	2018-03-23	2018-12-23	2019-09-24	COMPLETED	550,000.00	Tiatco S. A. P., & Viray, B. L. 2018. Performing Human Rights: Pista Rizalina's Interrogations of Martial Law, Extra-Judicial Killings and Historical Revisionsm at the Cultural Center of the Philippines. JATI-Journal of Southeast Asian Studies, 23 (1), 215-239.	

Enhanced Creative Work and Research Grant														
Data as of 05 June 2020														
	Project Title	Name of Proponent	Unit	CU	Funding Source	Year	Rank	Start	End	Approved Extension	Status	Total Approved Budget	Output/Publication	Other Output
259													Tiatco, S. A. P. 2020. Staging the Banality of Social Evil: Faust in/and Philippine Contemporary Social Politics" In Performing Southeast Asia: Performance, Politics and the Contemporary, edited by Marcus Tan and Charlene Rejandran. Macmahon: Palgrave Macmillan	
260	Communication Research Textbook Volume 3: Analyzing, Interpreting, and Reporting Communication and Media Research	Paragas, Fernando Dlc.	CMC	UPD	ECWRG	2017	Associate Professor 4	2018-03-23	2018-12-23	2019-09-24	OUTPUT for submission	550,000.00		
261	K-12 Career Track Assessment Using Neural Networks (K12-CANN)	Nazareno, Allen L.	CAS	UPLB	ECWRG	2017	Assistant Professor 2	2018-03-23	2018-12-23	2019-09-24	COMPLETED	500,000.00	Nazareno, A. L., Lopez, M. J. F., Gestia, G. A., Martinez, M. P., & Roxas-Villanueva, R. M. 2019. An Artificial Neural Network Approach in Predicting Career Track of Incoming Senior High School Students. IOP Publishing. https://doi.org/10.1088/1742-6596/1245/1/012005	
262	Screening for Phytochemicals and Antioxidant Compounds in Leaves, Fruit and Peel of Selected Philippine Mango Varieties	Ocampo, Eureka Teresa M.	CAFS	UPLB	ECWRG	2017	Assistant Professor 5	2018-03-23	2018-12-23	2019-09-24	COMPLETED	500,000.00	Ocampo, E. T. M., Libron, J. A. M. A., Guevarra, M. L. D., & Mateo, J. M. C. 2020. Phytochemical screening, phenolic acid profiling and antioxidant activity analysis of peels from selected mango (<i>Mangifera</i> spp.) genotypes in the Philippines. Food Research Journal	
263	Mix-and-Match: Development of a Ruthenium-Based Catalytic Hydrogenation of Esters to Alcohols Using Readily Accessible Ligands	Aguila, Mae Joanne B.	CAS	UPLB	ECWRG	2017	Associate Professor 1	2018-03-23	2018-12-23	2019-09-24	OUTPUT	550,000.00		
264	Biodiversity assessment of Philippine karst landscapes: taxonomic description of new species of cave and karst aquatic animals in Mindanao	Husana, Daniel Edison M.	CAS	UPLB	ECWRG	2017	Associate Professor 2	2018-03-23	2018-12-23	2019-09-24	COMPLETED	550,000.00	Husana, D. E., & Ng, P. K. L. 2019 On the Identity of <i>Sundathelphusa philippina</i> (von Martens, 1868) (Decapoda: Brachyura: Gecarcinucidae) from the Philippines, with Descriptions of Two New Species. . Zootaxa, 4585 (2), 315-331. http://dx.doi.org/10.11646/zootaxa.4585.2.5 Husana, D.E.M. 2020. <i>Sundathelphusa prosperidad</i> , sp. n. (decapoda: brachyura: gecarcinucidae), a new cave-obligate freshwater crab from Mindanao Island, the Philippines, with notes on the conservation status of Philippine cave species. Journal of Cave and Karst Studies, v. 82, no. 3, p. 210-218. DOI:10.4311/2019LSC0116	
265	CO2 adsorption and dissociation on Cu cluster supported on Cu(111): A density functional theory investigation	Padama, Allan Abraham B.	CAS	UPLB	ECWRG	2017	Associate Professor 3	2018-03-23	2018-12-23	2019-09-24	COMPLETED	550,000.00	Padama, A., Ocon, J., Nakanishi, H., & Kasai, H. 2019. Interaction of CO, O, and CO2 with Cu cluster supported on Cu(111): A density functional theory study. Journal of Physics: Condensed Matter. 31. 10.1088/1361-648X/ab2b66.	

ECWRG Masterlist

Enhanced Creative Work and Research Grant														
Data as of 05 June 2020														
	Project Title	Name of Proponent	Unit	CU	Funding Source	Year	Rank	Start	End	Approved Extension	Status	Total Approved Budget	Output/Publication	Other Output
266	Effects of Davao-Produced Composts on Soil and Selected Crops (Pechay, Radish, Tomato, and Banana)	Millado, Cyrose Suzie S.	CSM	UPMin	ECWRG	2017	Assistant Professor 1	2018-03-23	2018-12-23	2019-09-24	COMPLETED	500,000.00	Cyrose Suzie Cubangbang Silvosa-Millado, Amina Risha A Macapeges, Reynaldo G Abad, Emma Ruth V Bayogan. Growth and quality of screenhouse-grown radish in various compost amendmets. Journal of Crop Improvement. DOI 10.1080/15427528.2020.1861153. ISSN 1542-7536 [VERIFY FORMAT] Silvosa-Millado C.S.C., Macapeges A.R.A., Abad R.G., Bayogan E.R.V.2021. Growth and quality of screenhouse-grown radish in various compost amendmets. Journal of Crop Improvement. 10.1080/15427528.2020.1861153	
267	Fabrication of Cellulose-based Anion Exchange Membranes for Fuel Cell and Electrolyser Application	Espiritu, Richard D. V.	COE	UPD	ECWRG	2017	Assistant Professor 7	2018-05-29	2019-02-28	2019-11-30	COMPLETED	500,000.00	Samaniego, A. J., Arabelo, A. K., Sarker, M., Mojica, F., Madrid, J., Chuang, P. A., Ocon, J., Espiritu, R. (2020). Fabrication of cellulose acetate-based radiation grafted anion exchange membranes for fuel cell application. Journal of Applied Polymer Science. doi: 10.1002/app.49947	
268	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.	COE	UPD	ECWRG	2017	Associate Professor 4	2018-05-29	2019-02-28	2019-11-30	OUTPUT for submission	550,000.00		
269	From Mud to Art: Modification of Locally-Sourced Clay for 3D Printing Ceramic Sculptures	Manapat, Jill Z.	COE	UPD	ECWRG	2017	Assistant Professor 1	2018-05-29	2019-02-28	2019-11-30	9th-month report/ Output	500,000.00		
270	Unearthing Human Thoughts About Plants and Animals: Clay as a Means to Talk About Issues that Affect Our Existence	Sta. Ana, Mary Catherine P.	CFA	UPD	ECWRG	2017	Assistant Professor 2	2018-05-29	2019-02-28	2019-11-30	Output	500,000.00		
271	A Transect Study of the Ants of Mt. Isarog Natural Park, Camarines Sur	General, David Emmanuel M.	MNH	UPLB	ECWRG	2018	University Researcher 1	2018-09-30	2019-06-30	2020-03-29	COMPLETED	450,000.00	General, D. E. M., Buenavente, P. A. C., & Rodriguez, L. J. V. 2020. A preliminary survey of nocturnal ants, with novel modifications for collecting nocturnal arboreal ants. Halteres 11, 1-12. doi: 10.5281/zenodo.3707151 General, D. E. 2020. Vombisidris freyae, a new nocturnal arboreal ant species from the Philippines (Hymenoptera: Formicidae). Halteres 11, 32-35. doi:10.5281/zenodo.4026486 General, D.E., Buenavente, P. A., Peeters, C. 2020. The twists and turns of biological research: first record of an ergatoid queen in the ant genus Pheidole Westwood, 1839, and implications for dispersal and life history. DOI: 10.20362/am.013002	

Enhanced Creative Work and Research Grant														
Data as of 05 June 2020														
	Project Title	Name of Proponent	Unit	CU	Funding Source	Year	Rank	Start	End	Approved Extension	Status	Total Approved Budget	Output/Publication	Other Output
272	In vitro and in vivo evaluation of the biological activities of Tabernaemontana pandacaqui Lam. ethanol extract.	Dela Cruz, Joseph F.	CVM	UPLB	ECWRG	2018	Assistant Professor 4	2018-09-03	2019-06-03	2020-03-02	OUTPUT OUTPUT for submission	500,000.00		
273	Computational and theoretical studies of small molecule binding on nanoclusters and surfaces	Paraan, Francis Norman C.	CS	UPD	ECWRG	2018	Assistant Professor 6	2018-09-17	2019-06-17	2020-03-16	COMPLETED	500,000.00	Santos-Putungan, A. B., Stojić, N., Binggeli, N., & Paraan, F. N. C. 2019. Strong chemisorption of CO ₂ on B10–B13 planar-type clusters. Journal of Physics: Condensed Matter 31(14). doi: 10.1088/1361-648X/aafabd Santos-Putungan A.B., Stojić N., Binggeli N., Paraan F.N.C.2020.Selective capture of CO ₂ over N ₂ and CH ₄ : B clusters and their size effects. Materials Today Communications. 10.1016/j.mtcomm.2019.100712 Chiong M.R., Paraan F.N.C.2019. Controlling the nucleophilic properties of cobalt salen complexes for carbon dioxide capture. RSC Advances. 10.1039/c9ra01990a	
274	Similarity Isometries of Lattices and Related Structures	Loquias, Manuel Joseph C.	CS	UPD	ECWRG	2018	Associate Professor 1	2018-09-17	2019-06-17	2020-03-16	COMPLETED	550,000.00	Arias, J. C. H. & Loquias, M. J. C. 2020. Similarity Isometries of Point Packings. Acta Crystallographica Section A	
275	Dangerous hitchhikers: Investigating harmful phytoplankton species associated with floating plastic debris in the marine environment	Onda, Deo Florence L.	CS	UPD	ECWRG	2018	Assistant Professor 6	2018-09-03	2019-06-03	2020-03-02	COMPLETED	500,000.00	Onda, D. F. L., Gomez, N. C. F., Purganan, D. J. E., Tolentino, M. P. S., Bitalac, J. M. S., Calpito, J. V. M., Perez, J. N. O., Viernes, A. C. A. 2020. Marine Microbes and Plastic Debris: Research Status and Opportunities in the Philippines. Philippine Journal of Science 149(1): 89-100	
276	World Premiere of a new Musical entitled, Boses ni YOLANDA	Ferrer, Alegria O.	CMu	UPD	ECWRG	2018	Associate Professor 2	2018-08-15	2019-05-15	2020-02-14	COMPLETED	550,000.00	Ferrer, A. O. 2019. Lunop Han Dughan (Boses ni Yolanda). Musical Play. Creative Work	
277	Evaluation of the Effect of Plant-derived Products with Potential Anti-cancer Activity on the Development of the Embryo During Gestation	Ipulan-Colet, Lerrie Ann D.G.	CS	UPD	ECWRG	2018	Assistant Professor 7	2018-08-15	2019-05-15	2020-02-14	COMPLETED	500,000.00	INSERT OUTPUT	
278	LUAD ILOCOS Ceramic Art Project - Development of Philippine High-Firing Clays from the Ilocos Province to Promote Philippine Ceramic Arts	Gudiño, Ma. Rita B.	CFA	UPD	ECWRG	2018	Assistant Professor 3	2018-09-28	2019-06-28	2020-03-27	OUTPUT for submission	500,000.00		
279	Deficiency Theorems for Classes of Power Law Kinetic System	Talabis, Dylan Antonio SJ.	CAS	UPLB	ECWRG	2018	Assistant Professor 1	2018-09-03	2019-06-03	2020-03-02	COMPLETED	500,000.00	Talabis, D. A. S. J., Mendoza, E. R., & Jose, E. C. 2019 Complex Balanced Equilibria of Weakly Reversible Power Law Kinetic Systems. MATCH Communications in Mathematical and Computational Chemistry, 82, 601-624	

ECWRG Masterlist

Enhanced Creative Work and Research Grant														
Data as of 05 June 2020														
	Project Title	Name of Proponent	Unit	CU	Funding Source	Year	Rank	Start	End	Approved Extension	Status	Total Approved Budget	Output/Publication	Other Output
280	Deficiency Theorems for Classes of Power Law Kinetic System	Talabis, Dylan Antonio SJ.	CAS	UPLB	ECWRG	2018	Assistant Professor 1	2018-09-03	2019-06-03	2020-03-02	COMPLETED		Talabis, D. A. S. J., Magpantay, D. M., Mendoza, E. R., Nocon, E. G., & Jose, E.C. 2020, Complex Balanced Equilibria of Weakly-Reversible Poly-PL Kinetic Systems and Evolutionary Games. MATCH Communications in Mathematical and Computational Chemistry, 83, 375-402	
281	Queues with Choice: A Symmetry Perspective	Collera, Juancho A.	CS	UPB	ECWRG	2018	Associate Professor 4	2018-09-03	2019-06-03	2020-03-02	OUTPUT for submission	550,000.00		
282	Biosynthesis of Zinc Oxide Nanoparticles Using Cacao Pod Husk and Investigation of their Anti microbial Properties	Fundador, Noreen Grace V.	CSM	UPMin	ECWRG	2018	Associate Professor 2	2018-09-28	2019-06-28	2020-03-27	COMPLETED	550,000.00	Zairel Crish Sarillana, Erwin Oliver Fundador and Noreen Grace Fundador . 2020. Synthesis of ZnO nanoparticles using Theobroma cacao L. pod husks and their antibacterial activities against foodborne pathogens. International Food Research Journal.	
283	Application Potential of Deep Eutectic Solvents in the Synthesis and Purification of Lumbang (Aleurites moluccana) Derived Biodiesel and Alkyd Resins	Villarante, Nelson R.	CAS	UPM	ECWRG	2018	Professor 1	2018-09-03	2019-06-03	2020-03-02	COMPLETED	600,000.00	Villarante, N. R., Ibarrientos, C. H., Sumalapao, D. E. P. 2020. Comparative Assessment of Choline Chloride-based Deep Eutectic Solvents in the Purification of Lumbang (Aleurites moluccana)-derived Biodiesel. Oriental Journal of Chemistry	
284	Effect of Doping and annealing temperatures on the optical, structural, and magnetic properties of ZnO nanostructures	Sarmago, Roland V.	CS	UPD	ECWRG	2018	Professor 12	2018-08-01	2019-05-01	2020-01-31	9th-month report/ Output	650,000.00		
285	Degradation kinetics and solvent selection for polyethylene recovery from spent thermoplastic laminates	Tumolva, Terence P.	COE	UPD	ECWRG	2018	Associate Professor 2	2018-09-03	2019-06-03	2020-03-02	COMPLETED	550,000.00	Escasa, K. V. H., Alindayay, R. I. C., Riña, G. M. G., Mopon, M. J. L., & Tumolva, T. 2020. Performance of D-Limonene/Ethanol in the Selective Recovery of PE from LDPE/VMPET/PET Laminates. Key Engineering Materials, 833, 134–138. https://doi.org/10.4028/www.scientific.net/kem.833.134	
286	Degradation kinetics and solvent selection for polyethylene recovery from spent thermoplastic laminates	Tumolva, Terence P.	COE	UPD	ECWRG	2018	Associate Professor 2	2018-09-03	2019-06-03	2020-03-02	COMPLETED		Deang, M. S. P., Alindayay, R. C. II., Escasa, K. V. H., Riña, G. M. G., & Tumolva, T. 2020. Solvent Absorption and Dissolution Kinetics Modelling for the Chemical Recycling of Waste Plastic Laminates. Key Engineering Materials, 841, 59-63	
287	Topochemical Transformations of Philippine Clays: Organic-Free Synthesis of Zeolites from Philippine bentonite	Conato, Marlon T.	CS	UPD	ECWRG	2018	Associate Professor 1	2018-09-03	2019-06-03	2020-03-02	OUTPUT for submission	550,000.00		
288	Characterization of tetillid sponge-associated diversity on reefs influenced by environmental stress	Conaco, Ma. Cecilia G.	CS	UPD	ECWRG	2018	Assistant Professor 6	2018-09-03	2019-06-03	2020-03-02	COMPLETED	500,000.00	Baquiran, J. I. P., Nada, M. A. L., Posadas, N., Manogan, D. P., Cabaitan, P. C., & Conaco, C. 2020. Population structure and microbial community diversity of two common tetillid sponges in a tropical reef lagoon. PeerJ. 8:e9017 https://doi.org/10.7717/peerj.9017	
289	OWLS: Common Objects with Labels Segmentation and Text Recognition	Atienza, Rowel O.	COE	UPD	ECWRG	2018	Associate Professor 7	2019-05-01	2020-02-01	2020-10-31	Output	550,000.00		
290	Establishing a ground attenuation relation for the Philippines using artificial blasting methods	Aurelio, Mario A.	CS	UPD	ECWRG	2018	Professor 3	2020-01-01	2020-10-01	2021-05-31	9th-month report/ Output	600,000.00		

ECWRG Masterlist

Enhanced Creative Work and Research Grant														
Data as of 05 June 2020														
	Project Title	Name of Proponent	Unit	CU	Funding Source	Year	Rank	Start	End	Approved Extension	Status	Total Approved Budget	Output/Publication	Other Output
291	Maceda, Spahlinger and the Dialectics of a "New Music" Praxis in Southeast Asian Modernity	Baes, Jonas U.	CMU	UPD	ECWRG	2018	Professor 5	2019-05-01	2020-02-01	2020-10-31	Output	600,000.00	Before their ears and minds: Sublation in the musical praxis of Jose Maceda and Mathias Spahlinger. Malaysian Journal of Music	
292	Consumers' Financial Odysseys: Characterizing Sociocultural Barriers and Popular Media Agents to Financial Inclusion	Centeno, Dave D.G.	VSB	UPD	ECWRG	2018	Associate Professor 1	2019-05-01	2020-02-01	2020-10-31	COMPLETED	550,000.00	Centeno, D., & Wang, J. 2020. Effects of narrowed social distance on local and international celebrity-endorsed advertisement attitudes. Journal of Consumer Marketing, 37(5): 521-532. Centeno D.2020. Sweet spot: Comparative relativism on Filipino and South Korean consumer cultural fit dimensions. Asian Journal of Social Science. 10.1163 /15685314-04803002	
293	Fabrication of an all-solid-state Lithium battery using Lithium Lanthanum Titanate solid electrolyte	Cervera, Rinlee Butch M.	COE	UPD	ECWRG	2018	Assistant Professor 7	2019-05-01	2020-02-01	2020-10-31	COMPLETED	500,000.00	Gimpaya R.L., Botin S.A., Cervera R.B . Fabrication and electrochemical performance of LiFePO4/Ga-LLZO/Li all-solid-state lithium button cell. ASEAN Engineering Journal. 10.11113/AEJ.V11.16671 Alfeche D.M., Cervera R.B.2020. Highly conducting Sc and Y co-doped ZrO2 thin film solid electrolyte on a porous Ni/YSZ electrode prepared via simple drop-coating method. Ceramics International. 10.1016/j.ceramint.2020.01.058	
294	Population genetics of the critically endangered Philippine Cockatoo (Cacatua haematopygia) using single nucleotide polymorphisms in mitochondrial and nuclear genes	Fontanilla, Ian Kendrick C.	CS	UPD	ECWRG	2018	Associate Professor 5	2019-05-01	2020-02-01	2020-10-31	COMPLETED	550,000.00	Gerard Clinton L. Que, Indira Dayang L. Widmann, Peter Widmann, Dione Gale B. Naval, and Ian Kendrick C. Fontanilla. Mitochondrial DNA Haplotype Analysis of the Endemic and Critically Endangered Philippine Cockatoo (Cacatua haematopygia P.L.S. Müller, 1776). Philippine Journal of Science [VERIFY CORRECT FORMAT]	
295	Phylogenetic analysis and population genetics of Philippine fruit bats (Pteropodidae)	Luczon, Adrian U.	CS	UPD	ECWRG	2018	Instructor 7	2019-05-01	2020-02-01	2020-10-31	9th-month and Output	450,000.00		
296	Synthesis of High Entropy Alloy Through Subsequent Deposition of Metal Thin Films	Mercado, Candy C.	COE	UPD	ECWRG	2018	Associate Professor 1	2019-05-01	2020-02-01	2020-10-31	Output	550,000.00		
297	Philippine Critical Discourse Studies: Current Practice Across Disciplines and Potential Contribution to Social and Cultural Analysis in the Philippines	Salonga, Aileen O.	CAL	UPD	ECWRG	2018	Associate Professor 2	2019-05-01	2020-02-01	2020-10-31	Output	550,000.00		
298	DNA barcoding of the Sargassum (Phaeophyceae) resources of northern Philippines	Santiañez, Wilfred John E.	CS	UPD	ECWRG	2018	Assistant Professor 6	2019-05-01	2020-02-01	2020-10-31	Output	500,000.00		

ECWRG Masterlist

Enhanced Creative Work and Research Grant														
Data as of 05 June 2020														
	Project Title	Name of Proponent	Unit	CU	Funding Source	Year	Rank	Start	End	Approved Extension	Status	Total Approved Budget	Output/Publication	Other Output
299	Primordial Cosmological Perturbations, Horndeski Action, and (Extended) Disformal Transformation	Alinea, Allan L.	CAS	UPLB	ECWRG	2018	Associate Professor 1	2019-05-01	2020-02-01	2020-10-31	Output	550,000.00		
300	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.	CHE	UPLB	ECWRG	2018	Assistant Professor 7	2019-05-01	2020-02-01	2020-10-31	Output	500,000.00		
301	Land Mollusks in Kart Ecosystem in Island of Luzon, Philippines: Diversity, Distribution and Conservation Status	de Chavez, Emmanuel C	CAS	UPLB	ECWRG	2018	Assistant Professor 5	2019-05-01	2020-02-01	2020-10-31	COMPLETED	500,000.00	Harold B. Lipae, Angeliq L. Estabillo, Ian Kendrick C. Fontanilla, and Emmanuel Ryan C. de Chavez. 2020. A new subspecies of microsnail from Masungi Georeserve, Rizal, Philippines. <i>Philippine Journal of Systematic Biology</i> ; DOI 10.26757/pjsb2020c14003. Malacofaunal diversity and distribution in the Masungi Georeserve in Luzon Island, Philippines. <i>Philippines Science Letters</i> . Vol 14. No. 01 pp. 29-50	
302	Exaggerated Evolution of Male Armaments via Male Competition	Gavina, Maica Krizna A.	CAS	UPLB	ECWRG	2018	Assistant Professor 2	2019-05-01	2020-02-01	2020-10-31	Output	500,000.00	Areja-Gavina M.K.D., Torres M.C., Gamilla G.B., Sakaguchi T., Ito H., Rabajante J.F., Tubay J.M., Yoshimura J., Morita S..2021. Exaggerated evolution of male armaments via male–male competition. <i>Ecology and Evolution</i> . 10.1002/ece3.7546	
303	Updating Makiling Biodiversity Information System (MakiBis) with Current Web Technologies: A Prototype for Centralized Biodiversity Information Management Systems in the Philippines	Macandog, Damasa M.	CAS	UPLB	ECWRG	2018	Professor 11	2019-05-01	2020-02-01	2020-10-31	Output	650,000.00	DAMASA B. MAGCALE-MACANDOG , FERMIN ROBERTO G. LAPITAN, JEOFFREY M. LARUYA, JANDREL IAN F. VALERIO, JANZEN CHRISTIAN D. AGUILA, CLOUIE ANN L. MESINA, TWINKLE MARIE F. SANTOS, ANDREA NICOLE T. CUEVAS, KIMBERLY D. BAYLON, IANA MARIENE SILAPAN, RICAJAY DIMALIBOT, JENNIFER D. EDRIAL, NETHANEL JIREH A. LARIDA, FATIMA A. NATUEL, MA. GRECHELLE LYN D. PEREZ, SARENA GRACE L. QUINONES. Updating of Makiling Biodiversity Information System (MakiBIS) and Analysis of Biodiversity Data. <i>Biodiversitas Journal of Biological Diversity</i> .10.13057/biodiv/d220127 [VERIFY FORMAT]	
304	Saving the Malabayabas Forest's Ecotourism Resources of the Quezon Protected Landscape	Maldia, Lerma SJ.	CFNR	UPLB	ECWRG	2018	Assistant Professor 3	2019-05-01	2020-02-01	2020-10-31	Output	500,000.00		
305	2D Transition Metal Dichalcogenides van der Waals Heterostructures: LEGO Materials for Clean and Renewable Energy Resource	Putungan, Darwin B.	CAS	UPLB	ECWRG	2018	Associate Professor 2	2019-05-01	2020-02-01	2020-10-31	COMPLETED	550,000.00	Obligacion, J. K. A., Putungan, D. B. 2020. 2D 1T'-MoS2-WS2 van der Waals heterostructure for hydrogen evolution reaction: dispersion-corrected density functional theory calculations. <i>Material Research Express</i> https://doi.org/10.1088/2053-1591/aba70a	

ECWRG Masterlist

Enhanced Creative Work and Research Grant														
Data as of 05 June 2020														
	Project Title	Name of Proponent	Unit	CU	Funding Source	Year	Rank	Start	End	Approved Extension	Status	Total Approved Budget	Output/Publication	Other Output
306	Conservation and Ethnobotany of Native Metallophytes in Luzon Island, Philippines	Quimado, Marilyn O.	CFNR	UPLB	ECWRG	2018	University Researcher 2	2019-05-01	2020-02-01	2020-10-31	Output	500,000.00		
307	Combinatorial Solutions to Steady State Probabilities of Some Exclusion Processes	Gonzales, Ken Joffaniel M.	CAS	UPM	ECWRG	2018	Assistant Professor 5	2019-05-01	2020-02-01	2020-10-31	Output	500,000.00		
308	Where are your Literary Giants?: An Examination of the Production and Reception of Cebuano Literature	Arong, Marie Rose	CCAD	UPC	ECWRG	2019	Assistant Professor 5	2019-10-01	2021-10-01	2021-03-31	COMPLETED	500,000.00	Marie Rose B. Arong. 2021. Where are your Literary Giants? Examination of the Production and Reception of Cebuano Literature, 1975–2015. Publishing Research Quarterly. https://doi.org/10.1007/s12109-020-09781-7	
309	Microflorae of Good and Problematic Seeds in Tomato and Pepper Germplasm	Balendres, Mark Angelo O.	CAFS	UPLB	ECWRG	2019	University Researcher II	2019-10-01	2021-03-31	2021-03-31	Output	500,000.00		
310	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.	CS	UPD	ECWRG	2019	Assistant Professor 7	2019-10-01	2021-03-31	2021-03-31	Output	500,000.00		
311	Homogenization of a thermal problem with an imperfect interface	Cabarrubias, Bituin	CS	UPD	ECWRG	2019	Assistant Professor 6	2019-10-01	2021-03-31	2021-03-31	Output	500,000.00		
312	Macroeconomic Risk Management Using Non-Gaussian Time Series Models	Cayton, Peter Julian	Sch of Stat	UPD	ECWRG	2019	Associate Professor 2	2019-10-01	2021-03-31	2021-03-31	Output	500,000.00		
313	Analytic integration: Theory and application	Galapon, Eric A.	NIP	UPD	ECWRG	2019	Professor 1	2019-10-01	2021-03-31	2021-03-31	Output	600,000.00		
314	Compelled intimacy and the violence of politics in Manila: Understanding the war on drugs	Hapal, Karl Arvin F.	CSWCD	UPD	ECWRG	2019	Assistant Professor 1	2019-10-01	2021-03-31	2021-03-31	Output	500,000.00		
315	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	CS	UPD	ECWRG	2019	Assistant Professor 6	2019-10-01	2021-03-31	2021-03-31	Output	500,000.00		
316	Diversity of and population genetics of wild <i>Kappaphycus alvarezii</i> in Guiuan, Samar, Philippines	Roleda, Michael Y.	CS	UPD	ECWRG	2019	Professor 1	2019-10-01	2021-03-31	2021-03-31	Output	600,000.00	Discovery of novel haplotypes from wild populations of <i>Kappaphycus</i> (Gigartinales, Rhodophyta) in the Philippines	
317	Gut Microbiome Diversity of <i>Holothuria scabra</i> Juveniles Exhibiting Growth Variability	Ravago-Gotanco, Rachel June R.	CS	UPD	ECWRG	2019	Assistant Professor 7	2019-10-01	2021-03-31	2021-03-31	Output	500,000.00		
318	Philippine Disaster Information System (PHIL-DIS)	Saguin, Kristian Karlo C.	CSSP	UPD	ECWRG	2019	Assistant Professor 4	2019-10-01	2021-03-31	2021-03-31	Output	500,000.00		
319	Improving Attribute Classification in Cognitive Diagnosis Computerized Adaptive Testing in the Presence of Differential Item Functioning	Santos, Kevin Carl P.	Sch of Stat	UPD	ECWRG	2019	Associate Professor 4	2019-10-01	2021-03-31	2021-03-31	Output	500,000.00		
320	A Stochastic Network-based Model of Disease Spread and its Large Graph Limit	Arceo, Carlene Perpetua	CS	UPD	ECWRG	2019	Professor 10	2020-07-01	2021-12-31	2021-12-31	9th month report/Output	650,000.00		
321	Fabrication of Bimetallic Cu-Ni Foam for Energy Applications	Balela, Mary Donnabelle	COE	UPD	ECWRG	2019	Professor 1	2020-09-01	2022-03-30	2022-03-30	9th month report/Output	600,000.00		

ECWRG Masterlist

Enhanced Creative Work and Research Grant														
Data as of 05 June 2020														
	Project Title	Name of Proponent	Unit	CU	Funding Source	Year	Rank	Start	End	Approved Extension	Status	Total Approved Budget	Output/Publication	Other Output
322	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	ASP	UPD	ECWRG	2019	Associate Professor 1	2020-07-01	2021-12-31	2021-12-31	9th month report/Output	550,000.00		
323	Investigation of Material Surface Modification Made by Femtosecond Pulsed Laser Ablation from Multiple Pulses	Dasallas, Lean	CS	UPD	ECWRG	2019	Assistant Professor 7	2020-07-01	2021-12-31	2021-12-31	9th month report/Output	500,000.00		
324	Ion- and Surface-sensitive Interactions During Oxygen Evolution Reaction in Alkaline Media	Del Rosario, Julie Anne	COE	UPD	ECWRG	2019	Assistant Professor 7	2020-07-01	2021-12-31	2021-12-31	9th month report/Output	500,000.00		
325	Fast Rotation and Translation Sensing with Spatial Mode Projection	Hermosa, Nathaniel II	CS	UPD	ECWRG	2019	Professor 1	2020-07-01	2021-12-31	2021-12-31	9th month report/Output	600,000.00	Olaya C.M., Hayazawa N., Hermosa N., Tanaka T., 2021. Angular Goos-Hänchen Shift Sensor Using a Gold Film Enhanced by Surface Plasmon Resonance. Journal of Physical Chemistry A. 10.1021/acs.jpca.0c09373	
326	Acquisition of Antibiotic Resistance Genes in Antibiotic Growth Promoter-treated Broiler Chickens (<i>Gallus gallus domesticus</i>)	Imperial, Ivan Christian VJ	CS	UPD	ECWRG	2019	Instructor 7	2020-07-01	2021-12-31	2021-12-31	9th month report/Output	450,000.00		
327	MAPPING NEW STARS: A Sourcebook on Philippine Speculative Fiction	Lee, Gabriela Alejandra	CAL	UPD	ECWRG	2019	Assistant Professor 7	2020-07-01	2021-12-31	2021-12-31	9th month report/Output	500,000.00		
328	Fish Parasite Assessment in the Three Upland Lakes in South Cotabato, Southern Philippines	Magbanua, Francis	CS	UPD	ECWRG	2019	Assistant Professor 7	2020-07-01	2021-12-31	2021-12-31	9th month report/Output	500,000.00		
329	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	CS	UPD	ECWRG	2019	Assistant Professor 6	2020-09-01	2022-03-30	2022-03-30	9th month report/Output	500,000.00		
330	Applications of Modified Heuristic Algorithms	Mendoza, Renier	CS	UPD	ECWRG	2019	Assistant Professor 5	2020-07-01	2021-12-31	2021-12-31	9th month report/Output	500,000.00	Ferrolino A., Mendoza R., Magdalena I., Lope J.E.2020..Application of particle swarm optimization in optimal placement of tsunami sensor. sPeerJ Computer Science. 10.7717/peerj-cs.333	
331	Subjugated Voices: A Critical Ethnography of Street Life and Homelessness in Manila	Moratilla, Noel Christian A.	Asian Center	UPD	ECWRG	2019	Assistant Professor 6	2020-07-01	2021-12-31	2021-12-31	9th month report/Output	500,000.00		
332	Design of Allosteric Inhibitors for μ -Opioid Receptor	Nellas, Ricky	CS	UPD	ECWRG	2019	Associate Professor 7	2020-07-01	2021-12-31	2021-12-31	9th month report/Output	550,000.00	Lim J.P.L., Braza M.K.E., Nellas R.B.The effect of ligand affinity to the contact dynamics of the ligand binding domain of thyroid hormone receptor - retinoid X receptor. Journal of Molecular Graphics and Modelling. 10.1016/j.jm gm.2020.107829	
333	Visible Light-Driven Photodimerization of Anthracene-Appended Polymer Tethered with Electron-rich Triazole Toward Single Chain Nanoparticles	Paderes, Monissa	CS	UPD	ECWRG	2019	Assistant Professor 7	2020-08-01	2022-02-28	2022-02-28	9th month report/Output	500,000.00		

ECWRG Masterlist

Enhanced Creative Work and Research Grant														
Data as of 05 June 2020														
	Project Title	Name of Proponent	Unit	CU	Funding Source	Year	Rank	Start	End	Approved Extension	Status	Total Approved Budget	Output/Publication	Other Output
334	Rice Husk Activated Carbon-Supported Copper Catalysts for Methanol Steam Reforming	Payawan, Leon	CS	UPD	ECWRG	2019	Professor 8	2020-07-01	2021-12-31	2021-12-31	9th month report/Output	650,000.00		
335	DNA Barcoding of Common Freshwater Gobioids and Genetic Diversity of the Snakehead Gudgeon, <i>Giuris margaritaceus</i> (Valenciennes 1837)	Quilang, Jonas	CS	UPD	ECWRG	2019	Professor 5	2020-07-01	2021-12-31	2021-12-31	9th month report/Output	600,000.00		
336	Fabrication of Titanium Dioxide-based Photocatalytic Materials for Water Treatment Applications	Vasquez, Magdaleno Jr.	COE	UPD	ECWRG	2019	Associate Professor 4	2020-07-01	2021-12-31	2021-12-31	9th month report/Output	550,000.00		
337	Chilling Injury Alleviation in Carabao Mango Using Natural Compounds	Absulio, Wella	CAFS	UPLB	ECWRG	2019	University Researcher I	2020-07-01	2021-12-31	2021-12-31	9th month report/Output	450,000.00		
338	Shelf-life extension and acceptability of selected Pili nut products treated to Reduce oils with green technology	Arboleda, Mark Dondi M.	SESAM	UPLB	ECWRG	2019	Associate Professor 4	2020-07-01	2021-12-31	2021-12-31	9th month report/Output	550,000.00		
339	Ascertainment of nutrition care (NCP) implementation and use of NCP terminologies (NCPT) among hospital dieticians in the Philippines	Delomen, Joan	CHE	UPLB	ECWRG	2019	Assistant Professor 5	2020-07-01	2021-12-31	2021-12-31	9th month report/Output	500,000.00		
340	Bioengineering of Bacteriocin to enhance its bioactivity through NKK scanning	Perez, Rodney	BIOTECH	UPLB	ECWRG	2019	University Researcher II	2020-07-01	2021-12-31	2021-12-31	9th month report/Output	500,000.00		
341	Plant growth promoting properties of newly discovered species of Rhizobium strain 11515TR isolated from Tomato Rhizosphere in Los, Banos, Laguna	Villegas, Lucille	CAS	UPLB	ECWRG	2019	Professor 1	2020-07-01	2021-12-31	2021-12-31	9th month report/Output	600,000.00		
342	The First Trigger Project, 2020/21	Miclat-Janssen, Banaue	CAL	UPD	ECWRG	2019	Assistant Professor 6	2020-07-01	2021-12-31	2021-12-31	9th month report/Output	500,000.00		
343	Elucidating the Role(s) of Zinc on Calcium Oxalate Monohydrate Mineralization via Nanoscale In Situ Scanning Probe Microscopy (SPM)	Alamani, Bryan G.	COE	UPD	ECWRG	2020	Assistant Professor 5	2020-11-09	2022-05-08	2022-05-08	9th-month report	500,000.00		
344	Fundamental Studies on the Trench-Filling Characteristics of Plated Metals using Ionic Liquid Baths for Future Advanced Electroformed Screens	Dela Peña, Eden May B.	COE	UPD	ECWRG	2020	Associate Professor 4	2020-11-09	2022-05-08	2022-05-08	9th-month report	550,000.00		
345	Surface Modification of Silicon for Terahertz Applications	Husay, Horace Andrew F.	CS	UPD	ECWRG	2020	Instructor 7	2020-11-09	2022-05-08	2022-05-08	Notarized Contract	450,000.00		
346	Petrology and Geochemistry of Peridotites from the Beaufort Ultramafic Complex: Insights to the Evolution of the Palawan Ophiolite	Pasco, Julius A.	CS	UPD	ECWRG	2020	Instructor 1	2020-11-09	2022-05-08	2022-05-08	9th Month Report	450,000.00		
347	Time-Frequency Analysis of Functions on Discrete Point Sets and Fusion Frames of Time-Frequency Localized Subspaces	Velasco, Gino Angelo M.	CS	UPD	ECWRG	2020	Associate Professor 3	2020-11-09	2022-05-08	2022-05-08	9th Month Report	550,000.00		
348	Systematics of Philippine Pinanga (Arecaceae): Cyber-enabled New Species Discovery through Exploring the Country's Last Frontiers	Adorador, Jiro T.	CAS	UPLB	ECWRG	2020	Assistant Professor 1	2020-11-09	2022-05-08	2022-05-08	9th Month Report	500,000.00		

ECWRG Masterlist

Enhanced Creative Work and Research Grant														
Data as of 05 June 2020														
	Project Title	Name of Proponent	Unit	CU	Funding Source	Year	Rank	Start	End	Approved Extension	Status	Total Approved Budget	Output/Publication	Other Output
349	Stability of Chemical Reaction Networks with Power Law Kinetic Systems	Jose, Editha C.	CAS	UPLB	ECWRG	2020	Associate Professor 7	2020-11-09	2022-05-08	2022-05-08	9th Month Report	550,000.00		
350	Image-Based Identification of Select Philippine Wood Species Using a Web Application	Mendoza, Rosalie C.	CFNR	UPLB	ECWRG	2020	Assistant Professor 7	2020-11-09	2022-05-08	2022-05-08	9th Month Report	500,000.00		
351	Formulation of Mechanistic and Eco-epidemiological Models of Macroparasite Accumulation in Hosts Leading to Aggregation	Rabajante, Jomar F.	CAS	UPLB	ECWRG	2020	Professor 2	2020-11-09	2022-05-08	2022-05-08	9th Month Report	600,000.00		
352	Dayang Marya: Anthology of Contemporary Stories for Children of Makiling	Sayuno, Cheeno Marlo M.	CAS	UPLB	ECWRG	2020	Assistant Professor 6	2020-11-09	2022-05-08	2022-05-08	9th Month Report	500,000.00		
353	Disease Surveillance on the Major Aquaculture Species in the Philippines	Maralit, Benedict A.	PGC	UPS	ECWRG	2020	Assistant Professor 6	2020-11-09	2022-05-08	2022-05-08	9th Month Report	500,000.00		
354	Optimization of Hyaluronic Acid Coated Bixin loaded Chitosan TPP Nanoparticles (HA-Bx-CSS/TPP NPs) using Response Surface Methodology by Box behnken Design	Balotro, Bienvenido S.	Pharmacy	UPM	ECWRG	2020	Assistant Professor 7					500,000.00		
355	Traumatic Brachial Plexus Injuries in the Adult	Estrella, Emmanuel P.	NIH	UPM	ECWRG	2020	Associate Professor 3					550,000.00		
356	Heavy rainfall forecasting of tropical cyclones in the Philippines using combined statistical-dynamic model	Bagtasa, Gerry	CS	UPD	ECWRG	2020	Professor 2					600,000.00		
357	Effects of silicon nanowire coating on the terahertz emission of gallium arsenide-based photoconductive antennas	Cabello, Neil Irvin F.	CS	UPD	ECWRG	2020	Instructor 7					450,000.00		
358	Assessing the Baseline Air and Water Quality in UP Campus towards the development of an Environmental Management Plan for UP Diliman (Phase 1)	Cayetano, Mylene G.	CS	UPD	ECWRG	2020	Associate Professor 6					550,000.00		
359	Assessing the sensitivity of Aspergillus fumigatus obtained from compost piles to azole antifungal drugs	Dacones, Leilani S.	CS	UPD	ECWRG	2020	Assistant Professor 5					500,000.00		
360	Spintronic terahertz emission from ferromagnetic/non-magnetic thin films deposited via electron beam	De Los Reyes, Alexander E.	CS	UPD	ECWRG	2020	Instructor 7					450,000.00		
361	LHC bounds on minimal universal extra dimensions after Run 2	Flores, Marvin M.	CS	UPD	ECWRG	2020	Assistant Professor 5					500,000.00		
362	Elucidation of transmission dynamics and ecoepidemiology of Human Taenia infections in selected endemic provinces in the Philippines using environmental DNA	Fornillos, Raffy Jay C.	CS	UPD	ECWRG	2020	Instructor 7					450,000.00		
363	Estimation for Zero Inflated Generalized Poisson Regression Model with Missing Data	Gauran, Iris Ivy M.	Stat	UPD	ECWRG	2020	Associate Professor 3					550,000.00		
364	Independent Decompositions of Chemical Reaction Networks	Hernandez, Bryan S.	CS	UPD	ECWRG	2020	Assistant Professor 5					500,000.00		

ECWRG Masterlist

Enhanced Creative Work and Research Grant														
Data as of 05 June 2020														
	Project Title	Name of Proponent	Unit	CU	Funding Source	Year	Rank	Start	End	Approved Extension	Status	Total Approved Budget	Output/Publication	Other Output
365	El Traje Dela Cuerpo Conquistada (The Trail/Gown of the Conquered Body), An original collaborative, devised performance	Nieto, Olivia Kristine D.	CAL	UPD	ECWRG	2020	Assistant Professor 1					500,000.00		
366	Biochemical characterization of tyrosinase activity for optimized melanin production of Isolate H28 as microbial cell factories	Obusan, Marie Christine M.	CS	UPD	ECWRG	2020	Assistant Professor 5					500,000.00		
367	Merging asynchronous sounds into synchronous 'voices': Reimagining 'immersion' and 'gathering' in the time of forced isolation - The case of the Adow ne Domaget (Dumagat Day) 2020 KKK radio program-festival	Pineda, Roselle V.	CAL	UPD	ECWRG	2020	Assistant Professor 7					500,000.00		
368	Rationally Designed AuAg–Cu2O Nanocomposites with Tunable Plasmonic Response	Regulacio, Michelle D.	CS	UPD	ECWRG	2020	Associate Professor 7					550,000.00		
369	Sexual reproduction of Sinularia sp. In Bolinao-Anda Reef Complex, Pangasinan, Philippines	Rodriguez, Maria Vanessa B.	CS	UPD	ECWRG	2020	Assistant Professor 5					500,000.00		
370	Molecular markers for management of Philippine blue swimming crab stocks	Santos, Brian S.	CS	UPD	ECWRG	2020	Assistant Professor 5					500,000.00		
371	Detection of Salmonella enterica Serovar Typhimurium via Quenching of Unincorporated Amplification Signal Reporters (QUASR) in Loop Mediated Isothermal Amplification (LAMP)	Santos, Joy Ann P.	CS	UPD	ECWRG	2020	University Researcher I					450,000.00		
372	Synthesis of novel phycocolloidal hydrogels for the development of vitamin-loaded wound dressing	Tumolva, Terence P.	COE	UPD	ECWRG	2020	Professor 2					600,000.00		
373	Molecular Analysis of Genes Associated with the Symbiotic Germination of Dendrobium phalaenopsis Seeds in Response to Selected Basidiomycetes	Bautista, Nonnatus S.	CAS	UPLB	ECWRG	2020	Associate Professor 4					550,000.00		
374	Abrogation of Acute Inflammation in ICR Mice with Topical Administration of Philippine Stingless Bee (Tetragonula biroi Friese) Honey	Desamero, Mark Joseph M.	CVM	UPLB	ECWRG	2020	Assistant Professor 7					500,000.00		
375	Utilization Of Fruit Wine Production By-Products To Tailor The Starch Digestibility Of Locally Produced Grains – Part 1. Impact Of Bignay (Antidesma Bunius) Pomace Phenolic Extracts On The Susceptibility Of Rice To Starch Digestive Enzymes	Duque, Sheba Mae M.	CAFS	UPLB	ECWRG	2020	Assistant Professor 7					500,000.00		
376	Molecular detection of Borrelia spp. in dogs presented to veterinary clinics in Metro Manila and Laguna	Galay, Remil L.	CVM	UPLB	ECWRG	2020	Associate Professor 4					550,000.00		

ECWRG Masterlist

Enhanced Creative Work and Research Grant														
Data as of 05 June 2020														
	Project Title	Name of Proponent	Unit	CU	Funding Source	Year	Rank	Start	End	Approved Extension	Status	Total Approved Budget	Output/Publication	Other Output
377	Performance Assessment and Cost and Savings Analysis of Using Agricultural Wastes as Biosorbents in Dehydrating Alcohol	Gatdula, Kristel M.	CEAT	UPLB	ECWRG	2020	Instructor 7					450,000.00		
378	Exploring the Diversity and Blooming Habits of Onion (<i>Allium cepa</i>) germplasm in the Philippines towards Speed Breeding of Locally Adapted and Niche-market Diversified Cultivars	Gentallan, Renerio Jr. P.		UPLB	ECWRG	2020	Assistant Professor 1					500,000.00		
379	Development of Transportation Planning Models for Short Notice Evacuation Due to Volcanic Eruption	Lim, Ma. Bernadeth B.	CEAT	UPLB	ECWRG	2020	Assistant Professor 4					500,000.00		
380	Taxonomy of the Cassava Mealybugs (Hemiptera: Pseudococcidae) of the World	Lit, Irineo Jr. L.	CAS	UPLB	ECWRG	2020	Professor 12					650,000.00		
381	Digitization, Geo-Referencing and Online Publication of Philippine Predatory Mite Occurrence Data Based on the University of Philippines Los Bafios Museum of Natural History Acarological Collections.	Naredo, Jeremy Carlo B.	OVCRE	UPLB	ECWRG	2020	University Researcher I					450,000.00		
382	Detection of Cryptosporidium and Giardia as a Tool for Source Tracking of Pathogen Contamination in Agriculture Setting	Paller, Vachel Gay V.	CAS	UPLB	ECWRG	2020	Professor 6					600,000.00		
383	Utilization Of Fruit Wine Production By-Products To Tailor The Starch Digestibility Of Locally Consumed Grains – Part II. Glycemic Potential Of bignay (<i>Antidesma bunius</i>) Pomace On In Vitro Starch Digestibility Of Rice And Rice Composites	Reginio, Florencio Jr. C.	CAFS	UPLB	ECWRG	2020	Assistant Professor 7					500,000.00		
384	Measuring Spatial Accessibility of Healthcare Facilities in Marinduque, Philippines	Salvacion Arnold R.	CHE	UPLB	ECWRG	2020	Assistant Professor 1					500,000.00		
385	Fine-tuning and control of adsorption selectivity of greenhouse gases using strained borophene nanosheet: A density functional theory investigation	Santos-Putungan, Alexandra B	CAS	UPLB	ECWRG	2020	Assistant Professor 5					500,000.00		
386	The Impact of the Rising Rate of HIV/AIDS Infections to the Spread of Tuberculosis in the Philippines: A Mathematical Modeling Approach	Tubay, Jerrold M.	CAS	UPLB	ECWRG	2020	Associate Professor 6					550,000.00		