

**Enhanced Creative Work and Research Grant (ECWRG) List of Publications**

as of 12 October 2018

Year	Program	CU	College	Name	Designation	Start Date			End Date			Extension			Program Title	Total Budget	Publications
						Year	Month	Day	Year	Month	Day	Year	Month	Day			
2011	CWRG	UPD	CS	Somintac, Armando	Professor	2011	November	15	2012	November	14				Optical and Structural Properties of GaAs Nanowires	273,000	Ibanes JJ, Balgos MH, Jaculbia R, Salvador A, Somintac A, Estacio E, Que CT, 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. ISI
2011	CWRG	UPD	CS	Sarmago, Roland V.	Professor	2011	October	01	2012	September	30				Exploration of the Electronic-Magnetic Properties and Solid State Miscibility of the Compound Ba-(Fe/Bi)-O	474,000	Elvina JA, Sarmago RV. 2012. Increased conductivity and distortion in Fe – doped BaBiO3. 28th SPP Physics Congress. Thesis
2011	CWRG	UPD	CS	Salvador, Arnel A.	Professor	2011	November	15	2012	November	14				MBE Grown Multilayer Semiconductors as Terahertz Emitters	474,000	Sadia CP, Laganapan AM, Tumanguil MA, 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
2011	CWRG	UPM	CAS	Rubite, Rosario	Associate Professor	2011	August	01	2012	July	31				Revision of Philippine Begonia	395,000	Rubite R. 2013. Begonia section Petermannia of Luzon Island, the Philippines. Philippine Journal of Science 142, 183-197. ISI
2011	CWRG	UP Min	CSM	Novero, Annabelle	Associate Professor	2011	June	01	2012	May	31				DNA Methylation Profile of Juvenile and Mature Sago Palm (Metroxylon sagu Rottb.) Leaves in Relation to Armature	240,000	Novero A, Esteban HJ. 2012. Epigenetic inheritance of spine formation in Sago Palm (Metroxylon sagu Roettb). 5 (6): 559-566. Plant Omics Journal. ISI
2011	CWRG	UPD	CS	Lim, May	Associate Professor	2011	May	01	2012	April	30				Traffic Flow: Group Movement, Staggered Releases, and Other Interventions	286,000	Combinido JSL, Lim MT. 2012. Crowding effects in vehicular traffic. PloS one 7.11: e48151.
2011	CWRG	UPD	CS	Galapon, Eric	Associate Professor	2011	November	15	2012	November	14				Beyond All Orders Asymptotics of the Quantum Tunneling Index of Refraction for Tall Potential Barriers and Quasi-monochromatic Incident Wave-packets	293,000	Galapon E. 2012. Quantum time of arrival Goursat problem. Journal of Mathematical Physics 53, 043702. Scopus
2011	CWRG	UPD	CAL	Gudiño, Ma. Rita	Associate Professor	2011	March	01	2012	February	29				LUAL – Transforming the Kiln and the Firing Process into an Art Form Embodying the Relationship of Birthing and Firing	175,000	Actual performance of a creative work. 2015 Video Link: <a href="https://www.youtube.com/watch?v=LY0cwUoozmE">https://www.youtube.com/watch?v=LY0cwUoozmE</a>  <a href="https://www.youtube.com/watch?v=3cjeDqv8iJg">https://www.youtube.com/watch?v=3cjeDqv8iJg</a>
2011	CWRG	UPD	CAL	Yu, Rosario	Professor	2011	May	01	2012	April	30				Panlipunang Kasaysayan at Kritisismo ng Muling Pagsasalaysay: Mula kay Rizal hanggang kay Evasco	400,000	Yu RT. 2012. Muling Pagsasalaysay ni Jose Rizal ng Ang Buhay ni Matsing at Pagong: Ang Talas ng Mahina Laban sa Tusong 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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2011	CWRG	UPD	CAL	Lee, Ma. Araceli Dans	Associate Professor	2011	June	01	2012	May	31				The MANDAYA World: Stories for Children	295,000	Lee MD. 2013 "Maylan and his Toy Top". Adarna House, Inc.
																	Lee MD, Escano MTR . 2013. PIAGSUGPATAN: Mandaya Stories for Children, Adarna House, Inc.
2011	CWRG	UPD	CMC	Tiongson, Nicanor G.	Professor	2011	November	01	2012	October	31				The Filipino Cinema of 2000-2009 (The Urian Anthology 2000-2009)	474,000	Tiongson NG. 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
2011	CWRG	UPD		Navarro, Raul	Professor	2011	December	01	2012	November	30				Ang Musika sa Filipinas: Mga Panapanahong Diskurso – Pre-kolonyal, Kolonyal, Neo-kolonyal	314,000	Navarro, R. 2015. Musika sa Kasaysayan ng Filipinas: Panapanahong Diskurso. University of the Philippines Press
2011	CWRG	UPD	CAL	Aguila, Reuel	Associate Professor	2011	May	01	2012	April	30				Teksto at Konteksto, 1970-1999: Mga Sanaysay hinggil sa Malikhaing Pagsulat	218,000	Aguila R. 2016. Teksto at Konteksto. University of the Philippines Press
2011	CWRG	UPD	CS	Almoro, Percival	Professor	2011	November	15	2012	October	16				A Novel Algorithm for the Analysis Reconstructed Vortex Phase Maps	293,000	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
2011	CWRG	UPD		Ariate, Joel Jr. F	University Researcher	2011	December	01	2012	November	30	2013	February	28	Dishonesty and disgrace: A remark of University of the Philippines' responses to alleged acts of plagiarism committed by members of its faculty, 1908-2010	169,000	
2011	CWRG	UPD	CSWCD	Banez, John E.	Assistant Professor	2011	October	15	2012	November	13	2013	May	31	Exploring the organizing mechanism of 4Ps in Barangay Pasong Tamo and Tandang Sora, Quezon City from human capital to social capital	196,000	
2011	CWRG	UPD	CHE	Bantang, Joanne R.	Assistant Professor	2012	February	01	2013	January	31	2015	May	01	Disaster Plans of Selected Filipino Families	242,000	
2011	CWRG	UPD		Chua, Apolonio		2011	July	01	2012	June	30				Asinta sa Centennial ni Aurelio V. Tolentino at Kilatis sa Komedyang	369,000	
2011	CWRG	UPD		Jamon, Roehl L.		2011	December	01	2012	November	30				Agimat, anting-anting at iba pang kababalaghan: The definitive Revilla	254,000	Jamon RL. 2012. Agimat, anting-anting at iba pang kababalaghan: The definitive Revilla. University of the Philippine Press
2011	CWRG	UPD		Manzano, Virgilio U.		2011	November	15	2012	November	14	2015	July	31	Modeling the Institutionalization of Mother Tongue-based Multilingual Education in Pangasinan: Contextual Analysis	377,000	

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2011	CWRG	UPD		Nolasco, Ricardo M.		2010	February	01	2011	January	31				A phonetic analysis of speech data from four non-Tagalog languages	248,000	
2011	CWRG	UPD		Ramos, Henry J.		2011	October	01	2012	September	30				Synthesis of Silicon Nitride Using the Magnetized Sheet Plasma Ion Source	474,000	
2011	CWRG	UPD		Soriano, Maricor N.		2011	October	01	2012	September	30				Malaria Imaging and Detection - Enabling Health Centers through Computer Vision	367,000	Crisologo I, Monterola C, Soriano M. 2011. STATISTICAL FEATURE-BASED CRAQUELURE CLASSIFICATION. Vol. 22, Issue 11, pp 1191-1209. INTERNATIONAL JOURNAL OF MODERN PHYSICS C
2011	CWRG	UPM		Solidum, Judilynn N.	Associate Professor	2011	December	01	2012	November	30				Peel Wastes of Santol, Pineapple and Dalanghita as Lead and Cadmium Biosorbents in Manila Tap Water	310,000	Solidum JN. 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
2011	CWRG	UPMin		Nañola, Cleto Jr.	Assistant Professor	2011	December	01	2013	October	15				Exploring the Connectivity of Reef Fish Populations along the Eastern and Southern Coast of Mindanao	259,000	Nañola Jr. CL, Cabasan JP, Solier MGD. 2014. Population connectivity of two reef fishes Acanthochromis polyacathus and Ctenochaetus binatatus using morphometrics and molecular genetics. Journal of the Society for Coastal Ecosystems Studies - Asia Pacific. Non ISI/Scopus
2011	CWRG	UPMin		De Ungria, Ricardo M.	Professor	2011	December	01	2012	November	30				Seven Davao writers: Their creative process and their role in the development of Davao literature	474,000	De Ungria R. 2015. Seven Davao Writers: Their Creative Process and Their Role In The Development of Davao Literature. University of the Philippines Press

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2012	CWRG	UPB		Amores, Analyn Salvador	Assistant Professor	2012	November	12	2013	November	11				Wrapping Cultures, Translocal Connections: Ritual Use and Capital of the Kinuttiyan (Funerary Death Blankets) in the Philippine Cordillera, North Luzon	280,000	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 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
2012	CWRG	UPCebu		Alburo, Kaira Zoe K.	Assistant Professor	2012	November	01	2013	October	31				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	217,000	Alburo-Cañete, KZ. 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
2012	CWRG	UPCebu		Flores, Mary Joyce	Assistant Professor	2012	December	01	2013	November	30				Abundance and Population Profile of an Endemic Snail, Helicostyla daphnis, in Argao and Borbon, Cebu, Philippines	283,000	Flores, MJL. 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
2012	CWRG	UPCebu		Mende, Rowena		2012	January	16	2013	January	15				Women Dating Younger Men and Other Odd Coupling: Defying Human Nature	261,000	
2012	CWRG	UPCebu		Vilbar, Aurelio P.		2012	November	16	2013	November	15				Teachers to be Developers of ESL Courseware for Sustainable Development and Intercultural Competence	257,000	Vilbar AP. 2016. Training teachers to develop interactive multimedia ESL courseware for ASEAN Community and sustainable development. IEEE Xplore Journal. ISI
2012	CWRG	UPD		Arceo, Carlene Perpetua	Associate Professor	2012	October	16	2013	October	16				On Modeling Dopamine D1 Receptor Trafficking and Availability	389,000	Presented as Thesis entitled "Construction and Structural Stability Analysis of Models of Dopamine D1 Receptor Trafficking in Renal Proximal Tubule Cells". Results also presented at the Frontiers in Systems and Synthetic Biology '13 Conference, Georgia Institute of Technology, 20-24 March 2013
2012	CWRG	UPD		David, Fredegusto Guido	Associate Professor	2012	April	01	2013	March	31				A Membrane-based Finite Element Model of Accomodation of the Human Lens Capsule	276,000	David G, Pedrigi RM, Humphrey JD. 2016 Accommodation of the human lens capsule using a finite element model based on nonlinear regionally anisotropic biomembrane. 302-307 .http://dx.doi.org/10.1080/10255842.2016.1228907. Computer Methods in Biomechanics and Biomedical Engineering. ISI

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2012	CWRG	UPD		Tigno, Jorge	Associate Professor	2012	April	16	2013	April	15				Understanding Contemporary Philippine Political Ideas	351,000	Tigno J. 2015. Thinking in Politics: Readings in Contemporary Philippine Political Ideas. University of the Philippines Press
2012	CWRG	UPD		Hernandez, Christine C.	Associate Professor	2012	November	05	2013	October	31				Xanthine Oxidase Inhibitory Activity of Some Leguminosae Plants	306,000	Argulla LE, Chichioco-Hernandez CL 2014. Xanthine oxidase inhibitory activity of some Leguminosae plants. 4 (6): 438-441. Asian Pacific Journal of Tropical Disease. ISI
2012	CWRG	UPD		Ortiz, Will P.	Associate Professor	2012	March	01	2013	February	28				Ang pagbabalik ni Aya Maquiling	231,000	Ortiz W. 2012. Ang Pagbabalik ni Mariang Makiling (Unang Aklat). University of the Philippines Press.
2012	CWRG	UPD		Santamaria, Matthew	Associate Professor	2012	February	01	2013	January	31				Reimag[in]ing the Nation: The Philippine Center for Advanced Studies (PCAS) Ethnographic Survey during the Marcos Period	367,000	Canete RR, Santamaria, MCM, Valentin MS. 2014. Sulu Sojourns: Photo-ethnography and political discourses on Four Ethno-Linguistic Groups in the Sulu and Tawi-Tawi Archipelagoes. 35 (2), 136-157. Philippine Political Science Journal ISI
2012	CWRG	UPD		Bawagan, Aleli B.	Associate Professor	2012	January	03	2013	February	04				Outcomes of Participation of PO Leaders in Local and National Governance	293,000	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
2012	CWRG	UPD		Buenconsejo, Jose	Associate Professor	2012	January	21	2013	February	22				Tracing the Genealogy of Philippine Music Composition in Sources from Mid-19th Century to 1920s, as Found in Selected Archives in Manila	333,000	
2012	CWRG	UPD		Rivera, Windell	Associate Professor	2012	November	01	2013	October	31				Microbial Risk Assessment of Agricultural Waters and Produce in the Philippines	381,000	Vital PG, Dimasuy KGB, Widmer KW, Rivera, WL. 2014. Microbiological quality of fresh produce from open air markets and supermarkets in the Philippines. The Scientific World Journal. ISI
2012	CWRG	UPD		Umali, Amparo A.	Associate Professor	2012	October	16	2013	October	15				The re-staging of Ang Paglalakbay ni Sisa: Isang Noh sa Laguna	377,000	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
2012	CWRG	UPD		Festin, Susan P.	Associate Professor	2012	January	16	2013	January	15				Integrating Non-functional Requirements (Security) into Software Engineering Best Practices	314,000	
2012	CWRG	UPD		Rodriguez, Mary Jane B.	Assitant Professor	2012	May	01	2013	April	30				Philippine Studies, Pilipinohiya, Araling Pilipino sa Wikang Filipino: Tungo sa Pagbubuo ng Pambansang Pangkalinangang Diskurso	231,000	Rodriguez MJ. 2015. Philippine Studies/Araling Pilipino/Pilipinolohiya sa Wikang Filipino: Pagpopook at Pagdadalumat sa Loob ng Kapantasang Pilipino. Humanities Diliman. Scopus
2012	CWRG	UPD		Monotilla, Wilberto	Assitant Professor	2012	November	16	2013	November	15				Educational Comics on Genetically Modified Organisms (GMOs) as an Instructional Material in Teaching Molecular Biology and Biotechnology for Non-Science Major Students	274,000	

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2012	CWRG	UPD		Vallejos, Michelle	Assitant Professor	2012	August	16	2013	August	15				A Multigrid Method for Regularized State-constrained Optimal Control Problems	251,000	Borzi A, Park,EJ, Vallejos M. 2015. Multigrid optimization Methods for the Optimal Control of Convection-Diffusion Problems with Bilinear Control. doi:10.1007/s10957-015-0791-z. Journal of Optimization Theory and Applications. ISI, Scopus
2012	CWRG	UPD		Lejano, Eduardo Jr.	Assitant Professor	2012	October	01	2013	September	30				QWERTY	283,000	Creative output, a film, has been released  Video Link: <a href="https://www.youtube.com/watch?v=NW1ZtA0TF78">https://www.youtube.com/watch?v=NW1ZtA0TF78</a>
2012	CWRG	UPD		Hernandez, Antoinette	Professor	2012	October	23	2013	October	22				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	434,000	
2012	CWRG	UPD		Magpantay, Jose	Professor	2012	November	01	2013	October	31				Fundamental Physics and Masroscopic Irreversibility	547,000	Magpantay J. 2013. Microscopic irreversibility and the H Theorem. International Journal of Modern Physics. Scopus
2012	CWRG	UPD		Paz, Victor J	Professor	2012	July	06	2013	June	05						Leee AMN, Paz VJ, Roa APR, Ragragio AMM, Carlos, AJB. 2010. Archaeological survey of the Island of Camiguin, Northern Mindanao. 38, 231-267. Philippine Quarterly of Culture and Society. Non ISI/Scopus
2012	CWRG	UPD		Ick, Judy Celine	Professor	2012	November	01	2013	October	31				Shakespeare in Philippine Literature	469,000	Ick JC. 2014. The Undiscovered Country: Shakespeare in Philippine Literatures. Kritika Kultura. AHCI
2012	CWRG	UPD		Tadem, Teresa	Professor	2012	February	01	2013	January	31				Social Origins of the Martial Law Technocrats: Paving the Path for Government Service	441,000	Tadem TEV. 2012. The Trials and Tribulations of a Chief Technocrat. 33 (1), 23-37 . Philippine Political Science Journal. ISI
2012	CWRG	UPD		Cao, Ernelea	Professor	2012	January	01	2012	December	31				Genetic Variation in Coffee Varieties Grown in the Philippines	441,000	Cao EP, Constantino-Santos DM, Ramos LAP, Santos BS, Quilang JP, Mojica RM. 2014. Molecular and morphological differentiation among Coffea (Rubiaceae) varieties grown in the farms of Cavite Province, Philippines. 7, 387-397. Philippine Science Letters. ISI
2012	CWRG	UPD		Pado, Felicitas	Professor	2012	January	01	2012	December	31				Effectiveness of Radio-based Family Literacy Program on Literacy and Numeracy Knowledge of Children, Parents and Caregivers	441,000	
2012	CWRG	UPD		Calingacion, Belen	Professor	2012	February	01	2013	January	30				The Mules: Devising performance from personal narratives of incarcerated women drug couriers	474,000	Performance of narratives on 22 July 2013; Repeat performance on 5 August 2013
2012	CWRG	UPD		Tolentino, Rolando	Professor	2012	December	16	2013	December	15				Pag Mabilis Umalis, Di Naman Dumating at Iba pang Kwento	194,000	Tolentino R. 2015. Kung Mabilis na Umalis Baka Di Naman Talaga Dumating, at Iba Pang Kwento. University of the Philippines Press
2012	CWRG	UPD		Lim, May		2012	November	01	2013	October	31				Properties of Geometric Networks Formed via Brownian Bugs	381,000	
2012	CWRG	UPD		Petras, Jayson D.		2012	May	01	2013	April	30				Ang Espasyo ng Ugnayan at Talaban tungo sa Paghahabi ng Pananaw-pandaigdig ng mga Pilipino	217,000	

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2012	CWRG	UPLB		Albao, Marvin A.	Associate Professor	2012	November	01	2013	October	31				Urban Landscape Patterns Change and Its Environmental Effects: The Case of Calamba City, Laguna, Philippines	309,000	Albao MA. 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
2012	CWRG	UPM		Billones, Junie	Associate Professor	2012	November	05	2013	November	04				Theoretical Study of the Structure and Electronic Absorption Spectra of Ruthenium Complexes and Their Intercalation in DNA	316,000	Billones JB, Ratilla EMA, Heath GA. 2015. Variation of electrode potential and charge transfer bands in series of tetravalent ruthenium complexes [RuCl6-n(PrCN)n]n-2. 429, 209-215. Inorganica Chimica Acta. ISI
2012	CWRG	UPM		Organo, Voltaire	Associate Professor	2012	November	05	2013	November	04				Colorimetric Sensor Array Based on Plant Pigments for the Detection of Gas Pollutants	306,000	Bernardo MKO, Organo, VG. 2014. Chlorophyll as a simple, inexpensive and environment-friendly colorimetric indicator for NO2 gas. 30, 445-449. Oriental Journal of Chemistry. Scopus
2012	CWRG	UPM		Carrillo, Maria Constancia	Associate Professor	2012	November	16	2013	November	15				Development of Laboratory Manuals for Biochemistry of the Gene (Biochemistry 121.1) and Physical Biochemistry (Biochemistry 124.1)	330,000	Carrillo MCO, Ko PKL, Marasigan AS, Angeles AKJ. 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
2012	CWRG	UPM		Nicolas, Marilou	Professor	2012	November	16	2013	November	15				A Comparison of Plasma Zinc Concentrations of Glucos-6-phosphate Dehydrogenase (G6PD)-deficient Filipino Neonates seen at NIH-UPM and Normal Controls	507,000	
2012	CWRG	UPM		Quiming, Noel		2012	November	05	2013	November	04				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	330,000	
2012	CWRG	UPMin		Bayogan, Emma Ruth	Professor	2012	November	16	2013	November	15				Postharvest Quality of Pummelo [Citrus maxima (Burm. Ex Rumph Merr)] Fruit Treated with Chitosan and 1-Methylcyclopropene	434,000	Bayogan ERV, Fornea MPM, Gabato JP, Secretaria LB, Obsioma VP. 2015. Post Harvest quality of Cured Pummelo [Citrus maxima (Brum. Ex Rumph) Merr] Fruit Treated with 1-Methylcyclopropene. 1088, 185-190. Acta Horticultura. Scopus
2012	CWRG	UPOU		Bagarinao, Ricardo	Associate Professor	2012	November	05	2012	November	06				Urban Landscape Patterns Change and Its Environmental Effects: The Case of Calamba City, Laguna, Philippines	353,000	Bagarinao R. 2013. Changing urban landscape and its implications in environmental management: The case of Calamba City, Philippines. 6 (1): 37-53. IAMURE International Journal of Ecology and Conservation. ISI
2012	CWRG	UPM	CPH	Guevarra, Jonathan P.	Assistant Professor	2012	November	01	2013	October	31				Revision and Updating of the Public Health Promotion and Education Resource Manual	254,000	Guevarra JP, Ramos-Mortel BTM, Gregorio ER Jr., Castillo EC. 2015. Assessment of a Public health Promotion and Education Module at the Graduate Level: A Basis for Revision of learning Resource Material for Teaching and Training Health Promotion and Education. 49(3), 66-72. Acta Medica Philippina. Scopus
2013	CWRG	UPD	ASP	Ingicco, Thomas	Assistant Professor	2013	October	16	2014	October	15				Finding Homo: A Long-term Field Work Deciphering Fossils from Pleistocene Stratigraphical Sequences in the Philippines	254,000	

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2013	CWRG	UPD		Tesoro, Mary Grace Lualhati B.	Associate Professor	2013	June	01	2014	May	31				The Material Culture of Kiyangan, Ifugao, Philippines	307,000	Tesoro MGL. 2014. The Material Culture of Kiyangan, Ifugao, Philippines. Journal of Cultural Heritage. Scopus
2013	CWRG	UPD		Somintac, Armando S.	Associate Professor	2013	October	01	2014	August	30				Enhancement of THz Emission from GaAs via Surface Modification	306,000	Balgos MH, Jaculbia, Mangila Ns IV, Tumanguil MAC, Salvador A, Somintac A, Estacio E. 2014. Enhanced Terahertz Emission from GasAs substrates deposited with Aluminum Nitride film caused by high-interface electric fields. 303, 241- 244. Applied Surface Science. ISI
2013	CWRG	UPD		Galapon, Eric	Associate Professor	2013	March	01	2014	February	28				Quantum Traversal Time Across Multiple Potential Barriers and the Generalized Hartman Effect	330,000	Sombillo DL, Galapon EA. 2014. Qunatum Traversal time Through a Double Barrier. 90, 032115. Physical Review A. ISI
2013	CWRG	UPD		Mangahas, Maria	Associate Professor	2013	December	01	2014	November	30				Fishing for a Living: Ethnographies of Coastal and Island Communities in the Philippines	356,000	
2013	CWRG	UPD		Cervera, Rinlee Butch	Assistant Professor	2013	July	01	2015	July	30				Fabrication and testing of an advanced nanoceramics synthetic apparatus for energy storage and alternative energy applications		Cervera RB , 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). 264, 1-6. Solid State Ionics. ISI
2013	CWRG	UPD		Gonzales, Vladimeir	Assistant Professor	2013	June	16	2014	June	15				Mga tala ng isang Superfan (Koleksyon ng Pinoy fan poetry at fan fiction)	235,000	Gonzales V. 2015. Mga Tala ng Isang Superfan (Koleksyon ng Pinoy Fan Poetry at Fan Fiction). University of the Philippines Press
2013	CWRG	UPD		Basug, Armando T.	Assistant Professor	2013	January	01	2013	December	31				The F's Materials Recovery Model for UP Diliman	254,000	
2013	CWRG	UPD		Muyco, Marie Christine	Assistant Professor	2013	March	01	2014	February	28				IkoToki Sounding UP Campus'Daily Moves: Composition, CD Recording, and Live Performance	289,000	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 "Iko Toki Para"
2013	CWRG	UPD		Digal, Larry N.	Professor	2013	June	16	2014	July	15				Factors Affecting Profitability and Competitiveness of Processed Food Microenterprises	420,000	Digal LN. 2015. Modern retail food sector in the Philippines: dominance of large domestic retailers and their effects on the supply chain. Vol.25 No.4, 407-430 . The International Review of Retail, Distribution and Consumer Research. Scopus
2013	CWRG	UPD		Estacio, Elmer	Professor	2013	October	01	2014	September	30				Excitation Wavelength Dependence of the Terahertz Emission in Core-Shell Nanowires	309,000	Ibanes, JJ, Balgos MH, 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. 102, 032105. Applied Physics Letters. ISI
2013	CWRG	UPD		Acda, Menandro	Professor	2013	July	01	2014	July	30				Short Rotation Coppice for Fuel Pellet Production in the Philippines	454,000	Menandro A. 2015. Pysio-chemical properties of wood pellets from coppice of short rotation tropical hardwoods. Fuel. SCIE
2013	CWRG	UPD		Hall, Rosalie Arcala	Professor	2013	March	01	2014	February	28				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	454,000	



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Year	Program	CU	College	Name	Designation	Start Date			End Date			Extension			Program Title	Total Budget	Publications
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2013	CWRG	UPD		Ella, Victor	Professor	2013	June	16	2014	July	15				Development of Simple Numerical Hydrologic Model for Small Watersheds in the Philippines for Dependable Flow Estimation under Climate Change and Climate Variability Scenarios	496,000	Ella VB. 2016. Simple Hydrologic Model for Predictong Streamflow in Small Watersheds for Irrigation System Planning. International Agricultural Engineering Journal. Scopus
2013	CWRG	UPD		Ofreneo, Rosalinda P.	Professor	2013	June	01	2014	May	31				Urban Dimensions of Food Security and Social Protection in the Context of Climate Change	507,000	Ofreneo RP, Hega MD. 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
2013	CWRG	UPD		Nemenzo, Fidel	Professor	2013	March	01	2014	February	28				Mass Formula and Classification of Self-Orthogonal Codes over a Class of Finite Rings	425,000	
2013	CWRG	UPD		Supangco, Vivien	Professor	2013	August	01	2014	July	31	2017	July	31	Human Resource Management in the Philippine Context	459,000	Supangco VT. 2018. Human Resource Management in the Philippines. University of the Philippines Press.
2013	CWRG	UPD		De Ungria, Maria Corazon	University Researcher	2013	June	13	2014	July	02				Formulation of an Integrated System of Forensic DNA Testing for the Evaluation of Sexual Assault Cases in the Philippines	262,000	Rodriguez JJR, Calacal GC, Laude RC, De Ungria MC. 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
2013	CWRG	UPLB		Zayas, Cynthia	Professor	2013	March	01	2014	February	28				The Shoko Matsumoto Course Book on Technical Theater in Asia	469,000	Zayas CN, and Matsumoto N. 2014. Awareness of Light, University of the Philippines Center for International Studies Publication
2011	CWRG	UPD		Tesoro, Mary Grace Lualhati B.		2010	February	01	2011	January	31				Exploring Philippine Cemeteries: Alive and Dynamic Spaces	192,000	Barretto-Tesoro, LMG. 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 MGL, Reyes JT. 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. Singapore: National University of Singapore Press.

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Year	Program	CU	College	Name	Designation	Start Date			End Date			Extension			Program Title	Total Budget	Publications
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2014	CWRG	UPD	CMC	Baradas, Josephine Cecilia		2014	April	16	2015	March	31				Classifying and Digitizing Rare Music Collections (Sheet Music and Concert Programs) of the UP College of Music Library	186,000	
2014	CWRG	UPD	ASP	Mijares, Armand	Associate Professor	2014	February	01	2015	January	31				Taphonomic and Morphological Analyses of the Neolithic Human Remains from Callao Cave, Peñablanca	306,000	Mijares AS, Lara M, Satumbaga D, de Castro L, Ramos J, Evangelina Recto. 2016. Archaeological recognition of mortuary behavior in Callao Cave, northern Luzon, Philippines through taphonomic analysis of isolated human remains. Archaeological and Anthropological Sciences. SCIE
2014	CWRG	UPD		Anticamara, Jonathan	Professor	2014	April	01	2015	March	31				Coral Diversity of the Philippines: Spatial Distributions, Status and Character Variations	274,000	Thomas KB, Anticamara JA, de Ramos JA, Gabona SF, Agao DF, Herrera EC, Bitara au. 2015. Species richness and abundance of non-cryptic fish species in the Philippines: a global center of reef fishdiversity. Vol. 24, Issue 10, pp. 2475-249. BIODIVERSITY AND CONSERVATION. ISI Anticamara JA, Go KTB. 2017. Impacts of super-typhoon Yolanda on Philippine reefs and communities. Vol. 17, Issue 3 , pp 703-713. REGIONAL ENVIRONMENTAL CHANGE
2014	CWRG	UPD		Amor, Evangelina		2014	April	01	2015	March	31				Cholinesterase Inhibitory Activity of Philippine Plant Extracts For Neurodegenerative Disorders	377,000	
2014	CWRG	UPD		Campos, Patrick		2014	June	01	2015	May	31				Adaptation Criticism of Screen Rizal as Metacriticism (1912-2012)	217,000	
2014	CWRG	UPD		Jamon, Roehl L.		2014	January	01	2014	June	30				UP -Land, Sea, Air	60,500	
2014	CWRG	UPD		Pawlik, Alfred. F.		2014	August	16	2015	August	15				Advanced Behavior and Technology of Homo neanderthalensis: What's the Difference of Homo Sapiens?	308,000	Pawlik AF, 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

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2014	CWRG	UPLB		Balela, Mary Donabelle	Assistant Professor	2014	April	01	2015	March	31				Effect of Ni Addition on the Morphology of Cobalt Nanowires Prepared at Room Temperature	274,000	Balela MDL, Yagi S, Matsubara E. 2014. Formation of cobalt nanoparticles from Co(OH) <sub>2</sub> suspension. 974, 50-54. Advanced Materials Research . Scopus
2014	CWRG	UPLB		David, Clarissa	Assistant Professor	2014	June	01	2015	May	31				Factors Predicting Vote Choice for Celebrity and Political Dynasty Candidates in Philippine National Elections	286,000	C.C. David and E.F.T. Legara. 2015. How Voters Combine Candidates on the Ballot: The Case of the Philippine Senatorial Elections. 2015. International Journal of Public Opinion Research (ISI)
2014	CWRG	UPLB		Bantayan, Nathaniel	Professor	2014	March	01	2015	February	28				Monitoring Forest Dynamics Using Geospatial Technology Integrated with a Radio Frequency Identification (RFID) System: Prototype for Precision Forestry in the Philippines	416,000	Bantayan NC. 2015. Integrating Radio-Frequency Identification (RFID) and Geomatics Towards Precision Forestry. 22(5), 241-252. Wulfenia. ISI, Scopus
2014	CWRG	UPM		Gorgon, Edward James		2014	March	01	2015	February	28				Effectiveness of Physical Therapy Home Programs for Children with Motor Delay: A Systematic Review	286,000	Gorgon EJ. 2018. Caregiver-provided physical therapy home programs in children with motor delay: a systematic review of clinical trials. Physical Therapy. Scopus
2014	CWRG	UPMin		Rodriguez, Evelyn	Professor	2014	January	01	2014	December	31				Biopolymeric Encapsulation of Betalains from Red Dragons Fruit Skin (Hylocereus polyrhizus) for Color Stabilization and Bioactivity Preservation	507,000	Rodriguez EB, Vidallon MLP, Mendoza DJR, Reyes CT. 2016. Health-promoting bioactivities of betalains from red dragon fruit (Hylocereus polyrhizus (Weber) Britton and Rose) peels as affected by carbohydrate encapsulation. Vol. 96, Issue 14, pp. 4679-4689  Rodriguez EB, Vidallon MLP, Mendoza DJR, Dalisay KAM, Reyes CT. 2015. Stabilization of Betalains from the Peel of Red Dragon Fruit [Hylocereus polyrhizus (Weber) Britton & Rose] through Biopolymeric Encapsulation. Vol. 98, Issue 4, pp. 382-391.  PHILIPPINE AGRICULTURAL SCIENTIST

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Year	Program	CU	College	Name	Designation	Start Date			End Date			Extension			Program Title	Total Budget	Publications
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2014	CWRG	UPV		Tiglao, Nestor Michael	Assistant Professor	2014	April	15	2015	April	14				Congestion Control for Caching Aware Wireless Sensor Network Transport	306,000	Tiglao, Grilo AM. Transmission Window Optimization for Caching-Based Transport Protocols in Wireless Sensor Networks. In Wireless Internet, pp. 39-46. Springer International Publishing, 2015. Sense Ranking B
2014	ECWRG	UPD	CMC	Guieb, Eulalio Iii R.	Associate Professor	2015	May	01	2016	October	30	2017	July	01	Documenting and Translating the Dumaracol, an Epic of the Kalamianen Tagbanua of Northern Palawan	550,000	
2014	ECWRG	UPD	CS	Tapang, Giovanni A.	Professor	2015	March	02	2016	September	02				Zeroth Order Diffraction Reduction in Diffractive Optical Elements	550,000	
2014	ECWRG	UPD	CS	Villagonzalo, Cristine Dlr.	Professor	2015	February	02	2016	August	01				Specific Heat Capacity Studies in a Two-Dimensional Electron System with Rashba Spin-Orbit Coupling in Tilted Magnetic Fields	550,000	Sombillo NI, Banzon RS, Villagonzalo C. 2017. Measurement-Enhanced Quantum Search. AIP Conference Proceedings
2014	ECWRG	UPD	CAL	Neri, Bernadette V.	Assistant Professor	2015	April	16	2016	October	15				Pamamanhikan, Isang Pagtatala: Ang Entablado Bilang Tanghalan ng Lesbayanang Karanasan at Pag-iral	500,000	
2014	ECWRG	UPD	Asian Center	Clemente, Tina S.	Associate Professor	2015	April	01	2016	October	01				Chinese-Filipino at a Time of Territorial Disputes: The Case of Tsinoys in Metro Manila (revised proposal title)	550,000	Clemente, TS. 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
2014	ECWRG	UPD	CSSP	Gastardo-Conaco, Maria Cecilia	Professor	2015	May	01	2016	October	31				A Systematic Study of the Kapwa Concept in Sikolohiyang Pilipino: Initiating a Psychometric Approach	650,000	
2014	ECWRG	UPD	CS	Salvador, Arnel A.	Professor	2015	March	15	2016	September	14				Terahertz Properties of GaAs: Mn Films	650,000	Mag-Usara VK, Funkner S, Niehues G, Prieto EA, Balgos MH, 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. Vol. 24, pp. 26175. Optics Express. ISI  De los Reyes A, Prieto EA, Omambac K, Porquez J, Lopez L, Gonzales KC, Vasquez JD, Tumanguil MA, Muldera J, Yamamoto K, Tani M, Somintac A, Estacio E, Salvador A. 2017. Terahertz emission characteristics of GaMnAs dilute magnetic semiconductor under 650 mT external magnetic field. Vol. 17, Issue 4, pp. 522-526

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Year	Program	CU	College	Name	Designation	Start Date			End Date			Extension			Program Title	Total Budget	Publications
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2014	ECWRG	UPLB	CAS	Albao, Marvin A.	Professor	2015	April	01	2016	September	30				Investigating the Adsorption and Dissociation of Coon Tungsten (100) Surface During Temperature-Programmed Desorption: A Kinetic Monte Carlo Study	600,000	Albao, MA, Padama AAP. 2016. CO Adsorption on W(100) During Temperature-Programmed Desorption: A Combined Density Functional Theory and Kinetic Monte Carlo Study. Vol. 396, pp. 1282-1288. Applied Surface Science. ISI
2014	ECWRG	UPLB	CAS, IC	Peralta, Milagros M.	Professor	2015	March	16	2016	September	15				Evaluation of Monoacylglycerols and other Amphiphilic Compounds as Evaporation Suppressants	600,000	
2014	ECWRG	UPM	CAS	Rubite, Rosario R.	Professor	2015	February	01	2016	July	31				Taxonomy of Highly Endemic Palawan Begonia	650,000	Hughes M, Rubite RR, Blanc P, Chung KF, Peng CI. 2015. The Miocene to Pleistocene Colonization of the Philippine Archipelago by Begonia Sect. Baryandra (Begoniaceae). 102 (5), 695-706. American Journal of Botany. SCIE
																	Rubite RR, Hughes M, Blanc P. Chung, KF, Yang HA, Kono Y, Alejandro GJD, De Layola L, Virata AGN, Peng CI. 2015. Three new species of Begonia endemic to the Puerto Princesa Subterranean River National Park, Palawan. 56:19. Botanical Studies. ISI
2014	ECWRG	UPM	CAS	Hallare, Arnold V.	Professor	2015	February	20	2016	August	19				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	650,000	Balolong MP, Dalmacio LMM, Magabo MLV, Sy DNL, Hallare AV. 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
2014	ECWRG	UPMin	CHSS	De Ungria, Ricardo M.	Professor	2015	May	15	2016	November	15				Five Mindanao Writers: Their Lives and Times, Creative Processes, Themes and Styles, and Their Role in the Development of Mindanao Literature, Part I	650,000	"Voices on the Waters: Conversations with Five Writers from Mindanao". 2017. Bughaw Imprint. Ateneo de Manila University Press
2015	CWRG	UPD	CAL	Pineda, Roselle V.	Assistant Professor	2015	March	01	2016	February	29				Movement Without Moving: Visual Elements as Primary Tools in Dance and Choreography	274,000	"Movement Without Moving" Link: <a href="https://www.youtube.com/watch?v=fiucwiCYNJM&amp;t=12s&amp;authuser=2">https://www.youtube.com/watch?v=fiucwiCYNJM&amp;t=12s&amp;authuser=2</a> "Sound Mapping Notation Performance Link: <a href="https://www.youtube.com/watch?v=PQTxhbRn1SE&amp;authuser=2">https://www.youtube.com/watch?v=PQTxhbRn1SE&amp;authuser=2</a> "Sagot" Link: <a href="https://www.youtube.com/watch?v=WKL3LJtkyBk&amp;t=74s&amp;authuser=2">https://www.youtube.com/watch?v=WKL3LJtkyBk&amp;t=74s&amp;authuser=2</a>
2015	CWRG	UPD	CSWCD	Ofreneo, Rosalinda		2013	June	01	2014	May	31				Urban dimensions of food security and social protection in te context of climate change	507,000	Ofreneo RP, Hega MD .2016. Women’s solidarity economy initiatives to strengthen food security in response to disasters: Insights from two Philippine case studies. Vol. 25 Issue: 2, pp.168-182. Disaster Prevention and Management. ISI

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2015	ECWRG 1	UPB	CS	Bacani, Jerico	Associate Professor	2016	April	16	2016	October	15				On preserving the essential spectra and nullities of special expressions in a weighted space: A deeper analysis	550,000	Bacani J, Rabago JFT. 2018. The Class of admissible perturbations of special expressions involving completely monotonic function. Italian Journal of Pure and Applied Mathematics. ISI
2015	ECWRG 2	UPB	CS	Hipol, Roland	Associate Professor	2016	May	15	2017	October	15				Prospecting the diversity of soil and litter fungi for siderophores	550,000	
2015	ECWRG 3	UPB	CS	Gutierrez, Rosemary	Associate Professor	2016	May	01	2017	October	31				Environmental and microbiological assessment of small scale vegetable farming systems irrigated with wastewater from Upper Balili River, La Trinidad, Benguet, Philippines	550,000	
2015	ECWRG 1	UPB	CS	Peralta, Gilbert	Associate Professor	2015	April	27	2016	October	27				Well-posedness and stability of coupled fluid structure interaction models with or without delay	500,000	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
2015	ECWRG 2	UPB	CAS	Balangcod, Teodora	Professor	2015	July	16	2017	January	15				Plants and Culture: the Ethnobotany of Kabayan, Benguet Province with Special Emphasis on Plants used in mummification	600,000	Balangcod TD. 2018. A glimpse of the fire mummies of Kabayan, Benguet, Luzon, Philippines and the role of plants associated with the mummification process. Vol. 17(2), pp. 307-313. Indian Journal of Traditional Knowledge. ISI/Scopus
2015	ECWRG 2	UPD	SOLAIR	Serrano, Melisa	Associate Professor	2015	August	28	2017	February	28	2017	May	28	Arresting the spread of precarious non-standard employment in formal enterprises in Metro Manila: What role for trade unions?	550,000	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
2015	ECWRG 2	UPD	CMC	Dalena, Sari Rissa	Associate Professor	2015	June	01	2016	December	31	2017	July	01	History of the underground (1968-1986) (Documentary film)	550,000	Dalena SRL, Sikat K. 2017. History of the Underground. Documentary Film.
2015	ECWRG 2	UPD	CIS	Macapagal, Raymond	Assistant Professor	2015	June	16	2016	December	15				Native House Restorations and Rituals Toward Community-Based Tourism in the UNESCO World Heritage Batad Rice Terrace Cultural Landscape	500,000	
2015	ECWRG 2	UPD	CAL	Barbaza, Penafancia Raniela	Associate Professor	2015	June	15	2016	December	15				Writing Bikol and the Bikolnon, 190-1956: The Life and Works of Patricio M. Janer	550,000	Barbaza PR. 2018. Rugaring na Banwaan: The Life and Works of Patricio M. Janer. Philippine Studies: Historical and Ethnographic Viewpoints. Scopus (Manuscript under review)

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2015	ECWRG 1	UPD	ASP	Mijares, Armand	Associate Professor	2015	April	27	2016	October	27				Understanding early Hominin diaspora and adaptation in island Southeast Asia: The 2015 archaeological excavation of Callao Cave, Northern Luzon, Philippines	550,000	Mijares A, Detroit F, Grun R, Volmer R, Rabett R, Dizon E, Clark T, Kinsley L, Robies E, Tiauzon A, Lara M, Manalo K, Satumbaga D. 2018. Homo Luzonensis and the Archaeological Record of Callao Cave, Northern Luzon, Philippines. Nature. SCIE
2015	ECWRG 2	UPD	CAL	Ortiz, Will	Associate Professor	2015	June	15	2016	December	15				Ang Alamat ng Animas Anya (Ang Pagbabalik ni Maria Makiling, Ikalawang Aklat	550,000	Ortiz W. 2017. Maria Makiling at ang Alamat ng Animas Anya. University of the Philippine Press
2015	ECWRG	UPD	CS	Somintac, Armando	Associate Professor	2015	April	27	2016	October	27				Photocarrier distribution and dynamics in MBE-grown quantum well systems	600,000	Mabilangan AI, Lopez LP, Faustino MAB, Muldera JE, Cabello NIF, Estacio LS, Salvador AA, Somintac AS. 2016. Porosity Dependence Of Terahertz Emission Of Porous Silicon Investigated Using Reflection Geometry Terahertz Time-Domain Spectroscopy. Superlattices and Microstructures. Scopus
2015	ECWRG 2	UPD	CSSP	Arugay, Aries	Associate Professor	2016	March	15	2017	September	15				Strange bedfellows, adversaries or partners? Assessing civil society's engagement in ASEAN Community Building (2000-2015)	550,000	
2015	ECWRG 1	UPD	CS	Almoro, Percival	Professor	2014	April	27	2015	October	27				Enhanced multi-plane phase retrieval using spatial light modulator as diffuser with applications in metrology and bioimaging	600,000	Almoro P, Quang DP, Serrano-Garcia DI, 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. 41, 2161-2164. Optics Letters. ISI
2015	ECWRG 2	UPD	CAL	Eliserio, U	Associate Professor	2016	February	15	2017	August	15				Diksyonaryo-Gabay sa mga gawa ni Chuck Manansala	550,000	

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2015	ECWRG 1	UPD	CIS	Umali, Amparo	Associate Professor	2015	April	27	2016	October	27				A Shinsaku (newly created) Noh staging of Ericson Acosta's Monumento, a play on the life of Andres Bonifacio	550,000	
2015	ECWRG 2	UPD	CAL	Rodriguez, Rommel	Associate Professor	2016	March	11	2017	September	11				Testimonya at pakikibaka ng mga detinidong politikal sa Pilipinas	550,000	
2015	ECWRG 1	UPD	Engg	Del Rosario, Julie Anne	Assistant Professor	2015	April	16	2016	October	15	2017	January	01	Electrocatalytic reduction of carbon dioxide to formate using nano-structured tin oxide	500,000	Del Rosario JA, Alba BC, Camayang JC, Mopon M.Jr. Electrocatalytic Reduction of Carbon Dioxide on Electrodeposited Tin-based Surfaces. AIP Conference Proceedings. Scopus
2015	ECWRG 1	UPD	AIT	Villegas, Victoria	Assistant Professor	2015	April	27	2016	October	27				From experiential to transformational tourism: How tourism has changed stakeholders in disaster-stricken destinations	500,000	
2015	ECWRG 2	UPD	ENGG	Ocon, Joey	Assistant Professor	2016	March	01	2017	September	01	2018	March	31	Corrosion kinetics and passivation behaviour of engine steel in ethanol-gasoline (E10) blends in the Philippines	500,000	
2015	ECWRG 2	UPD	ASP	Crozier, Catherine Rebecca	Assistant Professor	2015	June	16	2016	December	15	2017	December	31	Archaeological human crania from the University of San Carlos Museum: a study of modification	500,000	
2015	ECWRG 1	UPD	CoE	Vasquez, Magdaleno	Assistant Professor	2016	May	16	2017	November	15				Plasma and ion beam based modification of nanostructures surfaces	500,000	M. R. Vasquez Jr., M. Wada. 2015. Low-energy ion beam-based deposition of gallium nitride. Review of Scientific Instruments. Scopus
2015	ECWRG 2	UPD	CIS	Raymundo, Sarah Jane	Assistant Professor	2015	June	15	2016	December	14				Meanings and Consequences of the Philippines- China Maritime Conflicts for the Villagers of Masinloc, Zambales	500,000	
2015	ECWRG 1	UPD	CS	Vital, Pierangeli	Assistant Professor	2015	April	27	2016	October	27				Assessment of bacterial aerosols and occupational exposure risk in landfill sites of Metro Manila, Philippines	500,000	Rendon RV, Garcia BCB, Vital PG. 2017. Assessment of airborne bacteria in selected occupational environments in Quezon City, Philippines. International Journal Of Occupational And Environmental Health. ISI/Scopus
2015	ECWRG 1	UPD	CS	Claudio, Gil	Assistant Professor	2015	August	16	2017	February	15				Counterion distribution and the gelation process of iota-Carrageenan via molecular dynamics simulations	500,000	
2015	ECWRG 1	UPD	CS	Conaco, Cecilia	Assistant Professor	2015	April	16	2016	October	15				Influence of thermal stress on a coral-associated bacterial community	500,000	Gajigan AP, Diaz LA, Conaco. 2017. Resilience of the Acropora Digitifera Bacterial Community to Elevated Temperature. MicrobiologyOpen. ISI



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2015	ECWRG 1	UPD	Archi	Navarra, Nappy	Assistant Professor	2015	June	01	2016	December	01				Daang Bakal: Linking the heritage corridor of the Philippine National Railways from Tutuban to Dagupan	500,000	
2015	ECWRG 2	UPD	CS	Payot, Betchaida	Assistant Professor	2015	June	29	2016	December	29				Elucidating the relationship of the Pujada Ophiolite and Bitagan Metamorphics: Contributions to the better understanding of the geologic evolution of Mindanao island	500,000	
2015	ECWRG 2	UPD	ENGG	Cervera, Rhinlee Butch	Assistant Professor	2015	June	01	2016	December	31				Synthesis and Characterization of Electrode Materials for Lithium-ion Batteries	500,000	Cervera RB, Llanos PSP. 2016. Microstructural and Electrochemical Investigation of Carbon Coated Nanograined LiFePO4 as Cathode Material for Li-Batteries. World Academy of Science, Engineering and Technology. Scopus
																	Cervera RB, Mirasol ES. 2016. Preparation of Amorphous Nanosilica from Philippine Waste Rice Hull via Acid Precipitation Method. Material Science Forum Journal, 864 (2016) 112-116. Non ISI/ Scopus
2015	ECWRG 2	UPD	CS	Ramos, Noelynna	Assistant Professor	2015	June	01	2017	January	31				Coastal geomorphic features of islands in southwest Luzon and their tectonic implications	500,000	
2015	ECWRG 2	UPD	CAL	Tiatco, Sir Anril	Assistant Professor	2015	June	16	2016	December	15				Theatre and cosmopolitanism: Looking for the cosmopolitan stage in the Metropolitan Manila area	500,000	Tiatco SAP. 2015. Performing the Bakla in The Care Divas: Crossdressing, Affective Labor, and the Glimpse of the Cosmopolitan. 62:11, 1485-1511. Journal of Homosexuality. Scopus
																	Tiatco SAP. 2017. "My American Dream': Dreaming of Broadway and West End in the Philippines" In The Palgrave Handbook of Musical Theatre Producers, eds. Laura MacDonald and William Everett, 333 – 342. New York: Palgrave Macmillan
																	Tiatco SAP. 2017. "Performing Like a Concert King or a Concert Queen: Compensatory Aesthetics in Producing an Original Filipino Musical." In The Palgrave Handbook of Musical Theatre Producers, eds. Laura MacDonald and William Everett, 449 – 458. New York: Palgrave Macmillan
																	Tiatco SAP. 2018. Cosmopolitanism, Theatre and the Philippines: Performing Community in a World of Strangers. Quezon City: University of the Philippines Press.

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Year	Program	CU	College	Name	Designation	Start Date			End Date			Extension			Program Title	Total Budget	Publications
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2015	ECWRG 2	UPD	CS	Bartolome, Arlene	Instructor	2015	August	01	2017	February	28	No Period of Extension			450,000	Bartolome AP, Villaseñor IM, Lin Y-L, Librado DJ, Angeles-Boza AM, Yang W-C. 2017. Cytotoxic Property of Streptocaulon Baumii Extracs and their Isolated Compunds Against Different Human Cancer Cell Lines. Philippine Science Letters. ISI-Listed	
2015	ECWRG 2	UPD	CS	Garcia, Wilson	Professor	2015	May	16	2016	November	15			Applications of laser crystal thin film fabricated via pulsed laser deposition	600,000	De Mesa JA, Amo AM, Miranda JJC, Salazar HO, Sarmago RV, Garcia WO. 2016. Effects of Deposition Pressure and Target-Substrate Distance on Growth of ZnO by Femtosecond Pulsed Laser Deposition. Vol. 11. No. 1. Journal of Laser Micro Nanoengineering. ISI	
																Dasallas LL, Garcia WO. 2018. Numerical simulation of femtosecond pulsed laser ablation of copper for oblique angle of incidence through two-temperature model. Vol. 5, Issue 1. Materials Research Express.	
																De Mesa JA, Amo AM, Miranda JJC, Salazar HO, Sarmago RV, Garcia, WO. 2016. Effects of Deposition Pressure and Target-Substrate Distance on Growth of ZnO by Femtosecond Pulsed Laser Deposition. Vol 11, Issue 1, pp. 21-24. JOURNAL OF LASER MICRO NANOENGINEERING	

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2015	ECWRG 1	UPD	CHE	Alonzo, Gabriel	Professor	2015	April	27	2016	October	27				600,000	<p>Gabriel AA, Colambo JCR. 2016. Comparative resistances of selected spoilage and pathogenic bacteria in ultraviolet-C-treated, turbulent-flowing young coconut liquid endosperm. Food Control. SCIE</p> <p>Gabriel AA, Estilo EEC. 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. Vol. 69, pp 72-81. Food Microbiology</p> <p>Gabriel AA, Estilo EEC. 2017. Previous stress exposures influence subsequent UV-C resistance of Salmonella enterica in coconut liquid endosperm. Vol. 86, pp. 139-147. LWT-FOOD SCIENCE AND TECHNOLOGY</p> <p>Gabriel AA, Vera DD, Lazo OMY, Azarcon VB, De Ocampo CG, Marasigan JC, Sandel GT. 2017. Ultraviolet-C inactivation of Escherichia coli O157:H7, Listeria monocytogenes, Pseudomonas aeruginosa, and Salmonella enterica in liquid egg white. Vol. 73, pp. 1303-1309. FOOD CONTROL</p> <p>Gabriel AA, Estilo EEC, Isnit NCC, Membrebe BNQ. 2016. Suboptimal growth conditions induce heterologous ultraviolet-C adaptation in Salmonella enterica in orange juice. Vol. 62, pp. 110-116. FOOD CONTROL</p>	

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2015	ECWRG 2	UPD	CAL	Naval, Jimmuel	Professor	2015	June	01	2016	December	01				Kayquit: Mga Kuwento ng Pagtunton at Paghahanap	650,000	Naval JC. 2017. Batang Kayquit. University of the Philippines Press
2015	ECWRG 1	UPD	CIS	Zayas, Cynthia	Professor	2015	June	01	2016	December	01				The life history of Yamashita-san - Ama - linking maritime cultural relics of Japan and the Philippines	650,000	
2015	ECWRG 1	UPD	CS	Hedreyda, Cynthia	Professor	2015	April	30	2016	October	30				Screening and identification of thermo-tolerant bacteria and studies on genes for enzymes important in industry	650,000	Hedreyda CT, Monsalud RG. 2017. Species Identification of Thermo-Tolerant Bacillus Isolates Using 16s rDNA, GyraseB Gene (gyrB) and Enzyme Gene Sequence Analysis. Philippine Journal of Science. Vol.146, Issue 4, pp. 361-369. Scopus
2015	ECWRG 1	UPD	CAL	Garcia, Jose Neil	Professor	2015	April	27	2016	October	27				Myth and writing: An anthology of occasional prose	650,000	
2015	ECWRG 2	UPD	CMC	Tolentino, Roland	Professor	2016	May	06	2017	November	06				@RTDAGLI: Maikling-maikling kwentong SMS at tweets	650,000	
2015	ECWRG 1	UPD	CSSP	Tadem, Teresa	Professor	2015	April	27	2016	October	24				The politics of "educating" the Philippine technocratic elite	650,000	Encarnacion-Tadem, T.S. 2015. The politics of "educating" the Philippine technocratic elite. Philippine Political Science Journal. ISI
2015	ECWRG 2	UPD	CS	Saloma, Cynthia	Professor	2015	June	15	2016	December	14	2017	October	01	Functional and genetic analysis of a dopamine receptor missense variant in an in-house mouse model of hyperactivity disorder (ADHD)	650,000	
2015	ECWRG 2	UPD	ENGG	Naval, Prospero Jr.	Professor	2015	August	16	2017	February	15				Development of an Expert-Assisted Remote Microscopy Diagnostic Information System for Disease Surveillance and Outbreak Monitoring	600,000	
2015	ECWRG 2	UPD	CS	Estacio, Elmer	Professor	2015	July	06	2017	January	05				Ultrafast Photocarrier Drift and Lifetime in LT-GaAs grown at different temperatures	600,000	Faustino MAB, Lopez, LP Jr., Afalla JP, Muldera J, Hermosa H, Salvador AA, Somintac AS, Estacio ES. 2016. Terahertz Emission Enhancement in Semi-Insulating Gallium Arsenide Integrated with Subwavelength One-Dimensional Metal Line Array. Optics Letters. ISI
2015	ECWRG 2	UPD	CS	Galapon, Eric	Professor	2015	May	29	2016	November	28				Asymptotic expansions by non-asymptotic scales	600,000	Galapon EA. 2016. The Cauchy principal value and the Hadamard finite part integral as values of absolutely convergent integrals. Vol. 57, 033502 . Journal of Mathematical Physics. SCIE

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2015	ECWRG 2	UPD	CS	Azanza, Rhodora	Professor	2015	June	15	2016	December	15				650,000	Azanza R, Benico G, Iwataki M, Yasuwo F. 2017. Harmful Marine Dinoflagellates in the Philippines. Marine Science Institute, University of the Philippines	
2015	ECWRG 2	UPLB	CAS	Cuansing, Eduardo Jr.	Associate Professor	2016	April	01	2017	September	30				550,000	Cuansing E. 2017. Attenuation and Amplification of the Transient Current in Nanotransistors with Time-Varying Gate Potentials. International Journal of Modern Physics B. Vol. 31, Issue 14, pp. 1-15. SCIE	
2015	ECWRG 1	UPLB	CAS	Paller, Vachel Gay	Associate Professor	2015	June	01	2016	December	01	2017	June	01	550,000	Paller VG, Besana CM, Valdez IKM. 2017. Dot enzyme-linked immunosorbent assay (ELISA) for the detection of Toxocara infection using a rat model. Volume 41, Issue 4, pp 933–939. Journal of Parasitic Diseases. ISI	
2015	ECWRG 2	UPLB	SESAM	Faustino-Eslava, Decibel	Associate Professor	2016	May	11	2017	November	11				550,000	Magnetic paleosecular variation in lavas of Luzon, Philippines	
2015	ECWRG 2	UPLB	CA	Garcia, Roberta	Associate Professor	2016	March	01	2017	August	31				550,000	Isolation, purification, characterization of the protease in jackfruit (Artocarpus heterophyllus) leaves and latex and towards its commercialization	
2015	ECWRG 1	UPLB	CVM	Constante, Jesalyn	Assistant Professor	2015	April	16	2016	October	16				500,000	Echocardiographic features and measurements of dairy water buffaloes (Bubalus bubalis L.) at different stages of reproduction and lactation. 2017. B-Mode and M-mode Ultrasonography of the Heart of Lactating Dairy Water Buffaloes (Bubalus bubalis L.). Vol 54, No 1, Pp. 1-8. Philippine Journal of Veterinary Medicine	
2015	ECWRG 1	UPLB	CAS	Montecillo, Andrew	Assistant Professor	2015	June	01	2016	December	01				500,000	Whole genome sequencing and comparative genomic analysis of a hypervirulent strain of Ralstonia solanacearum (T523-731) and its implication to bacterial wilt disease management	
2015	ECWRG 1	UPLB	CVM	Abalos, Jovencio	Assistant Professor	2015	April	27	2016	October	27				500,000	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. 2016. Anesthetic and Cardiopulmonary Effects of Intravenous TiletamineZolazepam With or Without Xylazine in Goats (Capra hircus). Volume 53, Issue 2. Philippine Journal of Veterinary Medicine. Scopus	

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Year	Program	CU	College	Name	Designation	Start Date			End Date			Extension			Program Title	Total Budget	Publications
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2015	ECWRG 2	UPLB	CEAT	Ventura, Jey-R	Assistant Professor	2016	April	04	2017	October	04				Development of surface-modified nanocrystalline cellulose for metal ions removal in wastewater	500,000	
2015	ECWRG 1	UPLB	CFNR	Acda, Menandro	Professor	2015	April	27	2016	October	27				Waste tobacco stalk particles as glue filler in plywood manufacture	650,000	Jimenez Jr. JP, Acda M. 2018. Tobacco (Nicotiana tabacum) Stalk Particles as Additive in Urea Formaldehyde Bonded Plywood. Journal of Adhesion Science and Technology. SCIE
2015	ECWRG 1	UPLB	CVM	Acorda, Jemie	Professor	2015	July	01	2016	December	31				Two-dimensional and M-mode ultrasonographic features of the heart of dairy cattle at different stages of reproduction and lactation	650,000	Acorda JA, Constante JL, Rayos AA, Pajas AMG. 2016. Two-dimensional and M-mode ultrasonographic features of the heart of lactating crossbred dairy cattle. 53(1):1-9. Philippine Journal of Veterinary Medicine. ISI - Zoological Record, Scopus  Acorda JA, Constante JL, Rayos AA, Pajas AMG. 2016. M-mode echocardiographic measurements in pregnant and non-pregnant Holstein-Friesian X Sahiwal crossbred dairy cattle. 42(1):28-34. Philippine Journal of Veterinary and Animal Sciences. non-ISI, non-Scopus
2015	ECWRG 2	UPLB	CA	Vega, Renato	Professor	2016	May	02	2017	October	02				The organochlorine pesticide residues: Effects on productivity and issues on food safety of mallard ducks (Anas platyrhynchos L.)	600,000	
2015	ECWRG 2	UPM	CPH	Victoriano, Ann Florence	Associate Professor	2016	May	01	2017	October	31				A preliminary study on the effects of Mentha cordifolia Opiz (yerba buena) leaf extracts in the NF-kappaB signaling pathway	550,000	
2015	ECWRG 2	UPM	CAS	Sia Su, Glenn	Associate Professor	2016	February	15	2017	August	16				Air pollution tolerance index of selected trees in parks and major roadsides of Metro Manila	550,000	Sia Su GL, Solomon NFR, Rragio EM.. 2018. Air pollution tolerance index of selected trees in major roadsides of Metro Manila, Philippines. Nature Environment and Pollution Technology. SCIE
2015	ECWRG 2	UPM	CAS	Villarante, Nelson	Professor	2015	August	01	2017	February	01				Removal of heavy metals from laboratory waste water using chitosan-activated carbon composite	600,000	Villarante RN, Bautista NPR, Sumalapao DEP. 2017. Batch Adsorption Study And Kinetic Profile Of Cr(VI) Using Lumbang (Aleurites Moluccana)-Derived Activated Carbon-Chitosan Composite Crosslinked With Epichlorohydrin. Oriental Journal Of Chemistry. SCIE

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2015	ECWRG 2	UPM	CAS	Rubite, Rosario	Professor	2016	April	01	2017	September	30				650,000	<p>Rubite RR, Peng C-I, Chung K-F, Lin C-F, Evangelista LT, Tandang DN, Callado JRC, Hughes M. Three new species of Begonia (section Baryandra, Begoniaceae) from Luzon Island, the Philippines. Vol. 347, Issue 3. pp. 201-212. Phytotaxa</p> <p>Peng CI, Rubite RR Lin CW, Hughes M, Kono Y, Chung, KF. 2017. Three new species of Begonia sect. Baryandra from Panay Island, Philippines. Vol. 58. BOTANICAL STUDIES</p> <p>Peng CI, Rubite RR, Lin CW. 2017. Begonia polyclada (sect. Petermannia, Begoniaceae), a graceful new species from Luzon, Philippines. Vol 296, pp. 93-97. PHYTOTAXA</p> <p>Tandang DN, Rubite RR, Angeles RT, De Guzman MC. 2016. Begonia titoevangelistae (sect. Baryandra, Begoniaceae) a new species from Catanduanes Island, the Philippines. Vol. 282, Issue 4, pp. 273-281. Phytotaxa</p> <p>Magtoto LM, Rubite RR, Austria CM. 2018. Begonia adamsensis (Sect. Baryanda, Begoniaceae), a new species from Luzon Island, the Philippines. Vol. 343, pp. 289-292. Phytotaxa</p>	
2015	ECWRG 1	UPMin	CSM	Novero, Annabelle	Associate Professor	2015	April	27	2016	October	27				550,000	Investigation on the differential expression of genes associated with spine formation in sago palm ( <i>Metroxylon sagu</i> Rottb.) using RT-PCR	
2015	ECWRG 1	UPMin	CHSS	Ragragio, Andrea Malaya	Assistant Professor	2015	June	01	2016	November	30				500,000	Epic and patik: Cultural documentation and analysis of Manobo epic narratives and tattooing practices and its relation to indigenous spirituality	
2015	ECWRG 1	UPOU	FICS	Flor, Alexander	Professor	2015	April	27	2015	October	27				650,000	Dysfunctional digital demeanor: Tales from e-learning's dark side	

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2015	ECWRG 1	UPOU	Educ	Bagarinao, Ricardo	Professor	2015	April	27	2016	October	27				Assessing households' natural disaster preparedness in Bay, Laguna: Knowledge, attitude and practices survey	600,000	R. T. Bagarinao. 2016. Households' Natural Disaster Preparedness: A View from a Second Class Municipality in a Developing Country. Volume 9 Number 2. Environment Asia. Zoological Record
2015	ECWRG 2	UPV	CAS	Baylon, Juliana	Professor	2016	March	01	2017	August	31				Fishery and reproductive biology of the coconut crab, <i>Birgus latro</i> (Linnaeus 1767) on Caluya Island, Antique, Western Visayas, Philippines	650,000	
2015	ECWRG 2	UPV	CAS	Gonzales, Alicia	Professor	2016	April	27	2017	October	27				Self-translation into English of the Hiligaynon Short Stories in the book "Sa Taguankan sang Duta" kag Iban Pa nga Sugilanon	650,000	
2015	ECWRG 2	UPV	CAS	Campos, Wilfredo	Professor	2016	March	15	2017	September	15				Settlement habitats of early stages of blue crab, <i>Portunus pelagicus</i> , in Northeast Panay	650,000	
2016	ECWRG 1	UPD	College of Science	Delos Reyes, Aurelio V A.	Assistant Professor	2016	August	01	2018	January	31				Optimal Control Strategies of Regulating the "Go or Grow" Dynamics of Glioblastoma Multiforme	500,000	
2016	ECWRG 1	UPD	College Arts and Letters	Aguila, Reuel	Assistant Professor	2016	August	01	2018	January	31				Sa Pakpak ng Tula 2	550,000	Aguila R. 2017. Sa Pakpak ng Tula 2. Exhibit
2016	ECWRG 1	UPD	College of Science	Ibana, Joyce A	Associate Professor	2016	August	01	2018	January	31				"Investigation of the Antagonistic Activity of <i>Lactobacillus</i> spp. Against Enteropathogenic Bacteria"	550,000	Imperial ICVJ, Ibana JA. 2016. Addressing the Antibiotic Resistance Problem with Probiotics: Reducing the Risk of Its Double-Edged Sword Effect. <i>Frontiers in Microbiology</i> . ISI
2016	ECWRG 1	UPD	College of Fine Arts	Abaño, Ma. Victoria R.	Instructor	2016	August	01	2018	January	31				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	500,000	Abaño MV. 2017. Beyond my Body. Exhibit
2016	ECWRG 1	UPD	CS	Peleo-Alampay, Alyssa M.	Professor	2016	August	01	2018	January	31	2018	July	31	Coccolithopore Occurences in Philippine waters	600,000	



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2016	ECWRG 1	UPLB	College of Arts and Sciences	Franco, Rose Ann G.	Assistant Professor	2016	August	01	2018	January	31				Isolation and Identification of Bacteria Producing Nanocellulose for Biomaterial Applications	500,000	
2016	ECWRG 1	UPLB	College of Arts and Sciences	Tubay, Jerrold M.	Assistant Professor	2016	August	01	2018	January	31				Simulation \Modelling of Plant Communities using Lattice Lotka-Volterra Model to Investigate the Effect of Uncertain Changes in Microhabitat Locality due to Climate Change	500,000	Tubay JM, Yoshimura J. 2018. Resistance of a terrestrial plant community to local microhabitat changes. Pp. 1-10. Wiley Ecology and Evolution.
2016	ECWRG 1	UPLB	College of Arts and Sciences	Jose, Editha C.	Assistant Professor	2016	August	01	2018	January	31				Homogenization and Controllability of parabolic Equations with Interfacial Contact Resistance through Rough Surfaces	500,000	Donato P, Jose EC, Onofrei D. 2018. Asymptotic Analysis of a Multiscale Parabolic Problem with a Rough Fadt Oscillating Interface. Archive of Applied Mechnics. SCIE/Scopus
2016	ECWRG 1	UPLB	College of Arts and Sciences	Rabajante, Jomar F.	Assistant Professor	2016	August	01	2018	January	31				Evolutionary Decision Games in Complex Biological Interactions at the Edge of Catastrophe	500,000	Cortez MJV, Rabajante JF, Tubay JM, Babierra AL. 2017. From epigenetic landscape to phenotypic fitness landscape: Evolutionary effect of pathogens on host traits. Vol. 51, pp 245-254. Infection, Genetics, and Evolution. Scopus
																	Buhat CAH, Talabis DASJ, Cueno AL, Gavina MKA, Babierra AL, Cuaresma GA, Rabajante JF. 2017. Stochasticity in the Parasite-Driven Trait Evolution of Competing Species Masks the Distinctive Consequences of Distance Metrics. Vol. 5, Issue 4. Processes
2016	ECWRG 1	UPLB	College of Arts and Sciences	Putungan, Darwin B.	Associate Professor	2016	August	01	2018	January	31				Investigation of Metallic Single-Layer Transition Metal Dichalcogenides (TMDs) Polytypes as Promising Anode Materials for Na-ion Battery: Density Functional Theory Study	550,000	Li Y-X, Putungan DB, Lin S-H. 2018. Two-dimensional MTe <sub>2</sub> (M=Co, Fe, Mn, Sc, Ti) transition metal tellurides as sodium ion battery anode materials: Density functional theory calculations. Vol. 382, pp. 2781–2786. PhysicsLetters A. SCIE
2016	ECWRG 1	UPM	College of Arts and Sciences	Billones, Liza T.	Assistant Professor	2016	August	01	2018	January	31				Computational and Statistical Approaches in Deciphering the Key Molecular Structure-Derived Properties of Medicinal Compounds	500,000	
2016	ECWRG 1	UPM	College of Public Health	Guevarra, Jonathan P.	Assistant Professor	2016	August	01	2018	January	31				Application of the PRECEDE-PROCEED Model in the Development of Evidence-based Intervention for Drowning Prevention	500,000	
2016	ECWRG 1	UPMin	School of Management	Digal, Larry N.	Professor	2016	August	01	2018	January	31				The Role of High Value Markets (Supermarkets, Specialty Stores and Exports) in Preserving the Environment	650,000	Digal LN, Placencia SGP, Balgos CQ.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 vol 86, 39-46

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																	Digal LN, Placencia SGP. 2018. Factors affecting the adoption of organic rice farming: the case of farmers in M'lang, North Cotabato, Philippines. Pp. 1-12. Organic Agriculture. Scopus
2016	ECWRG 2	UPCebu	Arts and Humanities Cluster	Carreon, Charmaine L.	Assistant Professor	2017	February	01	2018	July	31				In Praise of Wilderness	500,000	
2016	ECWRG 2	UPCebu	Science Cluster	Ybañez, Adrian P.	Assistant Professor	2017	February	13	2018	August	12				Biodiversity of Ticks and Tick-Borne Pathogens in Small Ruminants in Cebu	500,000	
2016	ECWRG 2	UPD	COE	Balela, Mary Donnabelle L.	Associate Professor	2017	February	13	2018	August	12				Pseudocapacitive Properties of Copper Oxide Nanowires Prepared by Electroless Deposition	550,000	
2016	ECWRG 2	UPD	CHE	Bayaga, Cecile Leah T.	Associate Professor	2017	February	13	2018	August	12				Effects of the Maternal Diet on the Quantity and Performance of Probiotics Isolated from Breast Milk of Some Filipino Women	550,000	
2016	ECWRG 2	UPD	CS	Espino, Maria Pythias B.	Associate Professor	2017	March	15	2018	September	14				Regulated and Emerging Disinfection By-Products in the Local Drinking Water Supplies	550,000	
2016	ECWRG 2	UPD	CS	Fernando, Allan Gil S.	Associate Professor	2017	February	13	2018	August	12				Reconstructing the Bifurcation History of the North Equatorial Current (NEC) Using Calcareous Nannoplankton and Nannofossil Distribution in the Surface Waters and Sediments of Lamon Bay (Eastern Philippines)	550,000	
2016	ECWRG 2	UPD	CS	Gabo-Ratio, Jillian Aira S.	Assistant Professor	2017	February	13	2018	August	12				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	500,000	
2016	ECWRG 2	UPD	CS	Hermosa, Nathaniel li P.	Associate Professor	2017	February	13	2018	August	12				Can the Angular Goos-Hänchen shift be Used for Ultra Thin Film Thickness Determination?	550,000	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 A-OPTICS IMAGE SCIENCE AND VISION

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																	Zambale NAF, Sagisi JLB, Hermosa N. 2018. Goos-Hänchen Shifts Due to Graphene When Intradband Conductivity Dominates. Optical Materials. SCIE
2016	ECWRG 2	UPD	CMU	Muyco, Maria Christine M.	Associate Professor	2017	February	13	2018	August	12				550,000	Music Composition for Symphonic Band: Enriching the Philippine Music Repertoire and Filling in the Country's Lack of Symphonic Band Pieces	
2016	ECWRG 2	UPD	CS	Neri, Marrick C.	Associate Professor	2017	February	13	2018	August	12				550,000	Nonconvex TVq Model with L <sup>1</sup> Fidelity for Image Restoration: Analysis and Algorithm	
2016	ECWRG 2	UPD	COE	Pajarito, Bryan B.	Associate Professor	2017	February	13	2018	August	12				550,000	Characterization and Evaluation of Silanized Muscovite, Aluminosilicate, Nepheline Syenite, and Wollastonite as Mineral Filler for Thermosets, Thermoplastic Resins, and Natural/Synthetic Elastomers	
																	Pajarito BB, Caguntas AJF, Felices NB. Tubalinal HOS, Leuterio GLD. 2018. Corrosion, Wettability, and Adhesion of Acrylic Coating Containing Silane-Treated Mineral Fillers on Carbon Steel. Vol. 917, pp. 252-256. Materials Science Forum. Scopus
2016	ECWRG 2	UPD	ASP	Pawlik, Alfred F.	Associate Professor	2017	February	13	2018	August	12				550,000	Beyond the Sea - Exploring the First Seafarers of the Philippine Archipelago	
																	Reyes MC, Ingicco T, Piper PJ, Amano N, Pawlik AF. 2017. First fossil evidence of the extinct Philippine cloud rat <i>Crateromys paulus</i> (Muridae: Murinae: Phloeomyini) from Ilin Island, Mindoro, and insights into its Holocene abundance. Vol. 130. Issue 1. PROCEEDINGS OF THE BIOLOGICAL SOCIETY OF WASHINGTON
																	Xhaufclair H, Revel N, Vitales TJ, Callado JR, Tandang D, Gaillard C, Forestier H, Dizon J, 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. Vol. 448, pp. 169-189. QUATERNARY INTERNATIONAL

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Year	Program	CU	College	Name	Designation	Start Date			End Date			Extension			Program Title	Total Budget	Publications
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2016	ECWRG 2	UPD	COEd	Pedrajita, Jose Q.	Associate Professor	2017	February	13	2018	August	12				Differential Item Functioning and Logical Data Analyses of the 2015 University of the Philippines College Admission Test (UPCAT)	550,000	
2016	ECWRG 2	UPD	CMC	Rownd, Robert H.	Associate Professor	2017	February	13	2018	August	12				The Portable Culture of a Seafaring People: A Pre-Contact Figurative Art Object from the Catanauan Excavation Site	500,000	
2016	ECWRG 2	UPD	CSSP	Tan, Michael L.	Professor	2017	February	13	2018	August	12				A Cultural History of the Medical Promotion of Vitamins and Dietary Supplements in the Philippines	650,000	
2016	ECWRG 2	UPD	CS	Vallejo, Benjamin Jr. M.	Associate Professor	2017	February	13	2018	August	12				A Natural History Guide on Philippine Shores	550,000	
2016	ECWRG 2	UPD	COE	Vasquez, Magdaleno Jr. R.	Assistant Professor	2017	February	13	2018	August	12				Modification of Polymeric Surfaces via Energetic Ion Bombardment	500,000	Taaca KLM, Vasquez Jr MR. 2017. Hemocompatibility and cytocompatibility of pristine and plasma-treated silver-zeolite-chitosan composites. Applied Surface Science. SCIE
2016	ECWRG 2	UPD	CHE	Villarino, Blanca J.	Associate Professor	2017	February	13	2018	August	12				Isolation and Evaluation of Nutritional Physico-Chemical and Functional Properties of Proteins from Microwave-Vacuum (MV) Stabilized Rice Bran	550,000	
2016	ECWRG 2	UPLB	CEAT	Bambase, Manolito Jr. E.	Assistant Professor	2017	February	13	2018	August	12				Biodiesel Production in a Packed Column Using OH-Impregnated Calcium Oxide as Heterogeneous Catalyst by a Co-Solvent Method	500,000	
2016	ECWRG 2	UPLB	CAS	Clemente, Roberto S.	Associate Professor	2017	February	13	2018	August	12				Application of a nonpoint source (NPS) Pollution model (PESTFADE) to Assess and Manage Land and Water Resource Degradation of an Agricultural Watershed	550,000	
2016	ECWRG 2	UPLB	CAS	De Guia, Anna Pauline O.	Associate Professor	2017	February	13	2018	August	12				Distribution and Diet of the Common Palm Civet ( <i>Paradoxurus Philippinensis</i> , Jourdan 1837) in the Mt. Makiling Forest Reserve	550,000	
2016	ECWRG 2	UPLB	CEAT	Delos Reyes, Mona Liza F.	University Researcher	2017	June	01	2018	November	30				Analysis of Irrigation Structures Sensitivity and Perturbations in Support for the Development of Improved Operation and Management (O&M) of UPRIS	500,000	

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2016	ECWRG 2	UPLB	CAS	Dupo, Aimee Lynn B.	Professor	2017	February	13	2018	August	12				Spiders of Philippine Forest Ecosystems (with Special Focus of Mt. Guiting-guiting and Mt. Makiling)	600,000	Barrion-Dupo ALA, Barrion AT. 2018. DISCOVERY OF THE FAMILY DEINOPIIDAE FROM THE PHILIPPINES, WITH DESCRIPTIONS OF THREE NEW SPECIES OF Deinopis Macleay, 1839. Vol 31, Issue 1, pp. 1-23. PHILIPPINE ENTOMOLOGIST.
2016	ECWRG 2	UPLB	CA	Israel, Katherine Ann C.	Assistant Professor	2017	February	13	2018	August	12				Extraction and Characterization of Pectin from Various Fruit Processing Waste Products	500,000	
2016	ECWRG 2	UPLB	CVM	Lastica-Ternura, Emilia A.	Assistant Professor	2017	February	13	2018	August	12				Serological and Molecular Detection of Newcastle Disease Virus in Cattle Egrets in Central Luzon	50,000	
2016	ECWRG 2	UPLB	CVM	Paraso, Michelle Grace V.	Associate Professor	2017	February	13	2018	August	12				A Field Survey of Estrogenic Effects in Adult Male Tilapia (Oreochromis Niloticus) from the Seven Lakes of San Pablo City, Laguna	550,000	
2016	ECWRG 2	UPLB	CA	Taylo, Lourdes D.	University Researcher II	2017	February	13	2018	August	12				Morphometric and Molecular Analysis of Eggplant Fruit and Shoot Borer, Leucinodes orbonalis Guenee in the Philippines for Population Differentiation	500,000	Sagarbarria MGS, Marasigan JCM, Taylo LD, Hautea DM. 2018. Identity and genetic structure of eggplant fruit and shoot borer, Leucinodes orbonalis Guenée Lepidoptera:Crambidae) populations in the Philippines inferred from morphological traits and COI sequence data. Vol. 21, pp. 1009–1019. Journal of Asia-Pacific Entomology. SCIE
2016	ECWRG 2	UPLB	CVM	Umali, Dennis V.	Assistant Professor	2017	February	13	2018	August	12				Isolation and Molecular Characterization of Salmonella spp. In Commercial Chicken Eggs from Public Markets in Metro Manila, Philippines	500,000	
2016	ECWRG 2	UPV	CAS	Malay, Maria Cecilia D.	Associate Professor	2017	March	16	2018	September	15				An Illustrated Checklist of the Hermit Crabs of the Remote Northern Mariana Islands, Including new Species Records	550,000	
2017	ECWRG 1	UPLB		Albao, Marvin A.	Professor	2017	August	08	2019	February	07				Impact of Island Formation on Desorption Kinetics During Temperature-Programmed Desorption: A Kinetic Monte Carlo Study	600,000	
2017	ECWRG 1	UPLB		Bandoy, Dj Darwin R.	Assistant Professor	2017	August	08	2019	February	07				Quorum Sensing Inhibitors for Veterinary Applications	500,000	
2017	ECWRG 1	UPLB		Flores, Floreindo P.	Associate Professor	2017	August	08	2019	February	07				Development of $\beta$ -cyclodextrin Microcapsules for Delivery of $\beta$ -carotene as Rice Fortificant	550,000	
2017	ECWRG 1	UPLB		Galay, Remil L.	Assistant Professor	2017	August	08	2019	February	07				Detection of Anaplasma DNA in Milk and Blood from Dairy Cattle in CALABARZON (Region IV-A) Provinces through Nested Polymerase Chain Reaction	500,000	

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2017	ECWRG 1	UPLB		Nguyen, Miriam R.	University Researcher	2017	August	08	2019	February	07				Monitoring the Implementation of RA 9003 (SWM Act) at the Barangay and Municipal Levels in Santa Cruz Watershed	500,000	
2017	ECWRG 1	UPLB		Santiago, Dennis Marvin O.	Associate Professor	2017	August	08	2019	February	07				Optimization of Kalumpit (Terminalia Microcarpa) Antioxidant Extraction Protocol	550,000	
2017	ECWRG 1	UPLB		Torio, Mary Ann O.	Associate Professor	2017	August	08	2019	February	07				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	550,000	
2017	ECWRG 1	UPD		Acuña, Arbeen R.	Instructor	2017	August	08	2019	February	07				Babala ng Balang Araw at Iba Pang Abiso	450,000	
2017	ECWRG 1	UPD		Cruz, Conchitina	Assistant Professor	2017	August	08	2019	February	07				SAYSAY: The Philippine Essay in the 21st Century	500,000	
2017	ECWRG 1	UPD		Navarro, Raul C.	Professor	2017	August	08	2019	February	07				Musika ng Pananakop: Panahon ng Hapon sa Filipinas, 1942-1945	600,000	
2017	ECWRG 1	UPD		San Pascual, Maria Rosel S.	Assistant Professor	2017	August	08	2019	February	07				Investigating Online Incivility and its Consequence on Online Discourse Engagement	500,000	
2017	ECWRG 1	UPM		Billones, Junie B.	Professor	2017	August	08	2019	February	07				Computer-Aided Discovery of Repurposed Drugs for Superbugs	600,000	
2017	ECWRG2	UPD	CHK	Dimarucut, Alberto L.	Assistant Professor	2018	March	23	2019	September	24				A Practical Guide to International Ballroom Styles and Filipino Social Dances	500,000	
2017	ECWRG2	UPD	CS	Pelejo, Diane Christine P.	Assistant Professor	2018	March	23	2019	September	24				Multipartite Quantum States with Prescribed Properties	500,000	
2017	ECWRG2	UPD	CSSP	Encinas-Franco, Jean S.	Assistant Professor 7	2018	March	23	2019	September	24				The Case of the Filipino-Korean Spouses Association (FKSA)	500,000	
2017	ECWRG2	UPD	CS	Celeste, Richell O.	Assistant Professor 7	2018	March	23	2019	September	24				On Near-Perfect and Deficient-Perfect Numbers	500,000	
2017	ECWRG2	UPD	CAL	Tiatco, Sir Anril P.	Associate Professor 3	2018	March	23	2019	September	24				Repetitions and Alterations: Dramaturgy of Collaborative Adaptations in the Philippines	550,000	
2017	ECWRG2	UPD	CMC	Paragas, Fernando Dlc.	Associate Professor 4	2018	March	23	2019	September	24				Communication Research Textbook Volume 3: Analyzing, Interpreting, and Reporting Communication and Media Research	550,000	
2017	ECWRG2	UPLB	CAS	Nazareno, Allen L.	Assistant Professor 2	2018	March	23	2019	September	24				K-12 Career Track Assessment Using Neural Networks (K12-CANN)	500,000	
2017	ECWRG2	UPLB	CAFS	Ocampo, Eureka Teresa M.	Assistant Professor 5	2018	March	23	2019	September	24				Screening for Phytochemicals and Antioxidant Compounds in Leaves, Fruit and Peel of Selected Philippine Mango Varieties	500,000	
2017	ECWRG2	UPLB	CAS	Aguila, Mae Joanne B.	Associate Professor 1	2018	March	23	2019	September	24				Mix-and-Match: Development of a Ruthenium-Based Catalytic Hydrogenation of Esters to Alcohols Using Readily Accessible Ligands	550,000	

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2017	ECWRG2	UPLB	CAS	Husana, Daniel Edison M.	Associate Professor 2	2018	March	23	2019	September	24				Biodiversity assessment of Philippine karst landscapes: taxonomic description of new species of cave and karst aquatic animals in Mindanao	550,000	
2017	ECWRG2	UPLB	CAS	Padama, Allan Abraham B.	Associate Professor 3	2018	March	23	2019	September	24				CO2 adsorption and dissociation on Cu cluster supported on Cu(111): A density functional theory investigation	550,000	
2017	ECWRG2	UPMin	CSM	Millado, Cyrose Sozie S.	Assistant Professor 1	2018	March	23	2019	September	24				Effects of Davao-Produced Compsts on Soil and Selected Crops (Pechay, Radish, Tomato, and Banana)	500,000	
2017	ECWRG2	UPD	COE	Espiritu, Richard D.V.	Assistant Professor 7	2018	May	29	2019	November	30				Fabrication of Cellulose-based Anion Exchange Membranes for Fuel Cell and Electrolyser Application	500,000	
2017	ECWRG2	UPD	COE	Magdaluyo, Eduardo Jr. R.	Associate Professor 4	2018	May	29	2019	November	30				Utilization of water hyacinth (Eichhoria crassipes) for the simultaneous synthesis of carbon quantum dots for cellular imaging and porous carbon for CO2 capture	550,000	
2017	ECWRG2	UPD	COE	Manapat, Jill Z.	Assistant Professor 1	2018	May	29	2019	November	30				From Mud to Art: Modification of Locally-Sourced Clay for 3D Printing Ceramic Sculptures	500,000	
2017	ECWRG2	UPD	CFA	Sta. Ana, Mary Catherine P.	Assistant Professor 2	2018	May	29	2019	November	30				Unearthing Human Thoughts About Plants and Animals: Clay as a Means to Talk About Issues that Affect Our Existence	500,000	
2018	ECWRG1	UPLB	MNH	General, David Emmanuel M.	University Researcher 1	2018	September	30	2020	March	29				A Transact Study of the Ants of Mt. Isarog Natural Park, Camarines Sur	450,000	
2018	ECWRG1	UPLB	CVM	Dela Cruz, Joseph F.	Assistant Professor 4	2018	September	03	2020	March	02				In vitro and in vivo evaluation of the biological activities of Tabernaemontana pandacaqui Lam. ethanol extract.	500,000	
2018	ECWRG1	UPD	CS	Paraan, Francis Norman C.	Assistant Professor 6	2018	September	17	2020	March	16				Computational and theoretical studies of small molecule binding on nanoclusters and surfaces	500,000	
2018	ECWRG1	UPD	CS	Loquias, Manuel Joseph C.	Associate Professor 1	2018	September	17	2018	March	16				Similarity Isometries of Lattices and Related Structures	550,000	
2018	ECWRG1	UPD	CS	Onda, Deo Florence L.	Assistant Professor 6	2018	September	03	2020	March	02				Dangerous hitchhikers: Investigating harmful phytoplankton species associated with floating plastic debris in the marine environment	500,000	
2018	ECWRG1	UPD	CMu	Ferrer, Alegria O.	Associate Professor 2	2018	August	15	2020	February	14				World Premiere of a new Musical entitled, Boses ni YOLANDA	550,000	
2018	ECWRG1	UPD	CS	Ipulan, Lerrie Ann D.G.	Assistant Professor 7	2018	August	15	2020	February	14				Evaluation of the effect of plant-derived products with potential anti-cancer activity on the development of the embryo during gestation	500,000	
2018	ECWRG1	UPD	CFA	Gudiño, Ma. Rita B.	Assistant Professor 3	2018	September	28	2020	March	27				LUAD ILOCOS Ceramic Art Project - Development of Philippine High-Firing Clays from the Ilocos Province to Promote Philippine Ceramic Arts	500,000	
2018	ECWRG1	UPLB	CAS	Talabis, Dylan Antonio SJ.	Assistant Professor 1	2018	September	03	2020	March	02				Deficiency Theorems for Classes of Power Law Kinetic System	500,000	

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2018	ECWRG1	UPB	CS	Collera, Juancho A.	Associate Professor 4	2018	September	03	2020	March	02				Queues with Choice: A Symmetry Perspective	550,000	
2018	ECWRG1	UPMin	CSM	Fundador, Noreen Grace V.	Associate Professor 2	2018	September	28	2020	March	27				Biosynthesis of Zinc Oxide Nanoparticles Using Cacao Pod Husk and Investigation of their Anti microbial Properties	550,000	
2018	ECWRG1	UPM	CAS	Nelson, Villarante	Professor 1	2018	September	03	2020	March	02				Application Potential of Deep Eutectic Solvents in the Synthesis and Purification of Lumbang (Aleurites moluccana) Derived Biodiesel and Alkyd Resins	600,000	
2018	ECWRG1	UPD	CS	Sarmago, Roland V.	Professor 12	2018	August	01	2020	January	31				Effect of Doping and annealing temperatures on the optical, structural, and magnetic properties of ZnO nanostructures	650,000	
2018	ECWRG1	UPD	COE	Tumolva, Terence P.	Associate Professor 2	2018	September	03	2020	March	02				Degradation kinetics and solvent selection for polyethylene recovery from spent thermoplastic laminates	550,000	
2018	ECWRG1	UPD	CS	Conato, Marlon T.	Associate Professor 1	2018	September	03	2020	March	02				Topochemical Transformations of Philippine Clays: Organic-Free Synthesis of Zeolites from Philippine bentonite	550,000	
2018	ECWRG1	UPD	CS	Conaco, Ma. Cecilia G.	Assistant Professor 6	2018	September	03	2020	March	02				Characterization of tetillid sponge-associated diversity on reefs influenced by environmental stress	500,000	