

Chancellor's Report

Prof. Sylvia B. Concepcion

07 December 2016 – 13 January 2017

Towards Excellence in Research & Creative Works

Banwa Monograph Series 1: Mapping Sago



Journal Articles:

- *Inflorescence: Mapping the Development of Interdisciplinary Studies on the Sago Palm in the University of the Philippines*, by MD Paluga et al
- *The Indigenous Dry Sago Starch Extraction Process of Argao, Cebu, in the Central Philippines: Process Documentation and flour Laboratory Analysis*, by DM Flores
- *"For really it is only pounded wood" Ethnohistory of Sago in the Philippines from the Precolonial Period to the Twentieth Century*, by AM Ragragio et al
- *Indigenous Technological Innovations in Palm Starch Extraction in Central Philippines*, by MD Paluga et al
- *Recent Distribution of Sago Palms in the Philippines*, by JR Santillan et al
- *Bioresource Availability and Potential Starch Yield of Sago Stands in Mindanao, Southern Philippines*, by LB Estaña et al
- *Market Potential for Sago Starch and Its Derivatives in the Philippines*, by NL Laorden et al
- *Mapping Suitable Areas for Mass Propagation of Sago Palms in the Philippines*, by MM Santillan et al
- *Traditional and Alternative Methods of Sago Palm Propagation*, by AD Delima
- *Financial Viability of Developing a Sago Plantation in the Philippines*, by TR Acuña et al
- *Popularizing and Advocating Sago (and other Native Plants)*, by MD Paluga et al

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International Publications

- Asian Fisheries Society (an ISI Journal), November 2016: *Consumer preferences for canned tuna products: The case of the largest tuna-producing city in the Philippines*, by MC Castro, LN Dugal, EV Bayogan, DL Alcomendras.
- PLOS ONE (an ISI Journal), October 2016: *Fisher-Level Decision Making to Participate in Fisheries Improvement Projects (FIPS) for Yellowfin Tuna in the Philippines*, by FT Zondervan, PB Berentsen, SR Bush, LN Dugal, AG Oude Lansink

International Paper Presentations



Some participants and organizers of the 8th International Conference in Agribusiness Economics and Management

Additional papers presented in the 8th International Conference in Agribusiness Economics and Management (**ICAEM**), 27-28 October, Davao City:

- *Effects of Temperature, Rainfall and Relative Humidity on the Yield and Quality of Rice (Oryza sativa) in Tamugan, Calinan, and Marilog, Davao City*, by DD Dacera et al
- *Economic Impact of Climate Determinants on Rice Farmlands in Davao Region, Southern Philippines*, by MA Limpoco et al
- *Potential for Jobs Generation of the Rice Value Chain in Mindanao, Southern Philippines*, by CQ Balgos et al
- *The Roles of Vegetable Value Chain Actors in the Changing Agri-Food System: The Case of Davao City, Philippines*, by RT Aguinaldo et al

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- *Supply Chain Analysis of Mango in Samal Island: An Organizational Theoretic Approach*, by NL Laorden et al
- *Supply Chain and Cost-Benefit Analyses of the Community-Based Sea Cucumber Hatchery in Davao del Sur, Philippines*, by VA Shuck et al
- *Analyzing Market-based Opportunities in the Mango Supply Chain of Davao City: A Rapid Market Assessment*, by JD Alcala et al
- *Feasibility Assessment of Direct Marketing Strategies: The Case of Vegetable Farmer Clusters in Marilog, Davao City, Philippines*, by KF Florentino et al
- *Economic Valuation of Tourism Services in Lake Holon, South Cotabato, Philippines*, by KP Villa et al
- *Towards Embedding Gender Dimensions in Philippine Agricultural Value Chains: A Critical Review*, by MA Lopez
- *Response of 'Carabao' Mangoes to Various Ripening Agents*, by EV Bayogan et al
- *Short-term Evaporative Cooling Extends Shelf Life of Sweet Pepper cvs. Sweet Cayenne and Sultan*, by AC Majomot et al
- *Exploring Opportunities for Food Service Marketing in Condominiums: A Conjoint Analysis Approach*, by KC David et al
- *The Effect of Soil Erosion to Calorie Intakes of Children among Corn-Producing Households in Davao City, Philippines: Structural Equation Modeling*, by PA Alviola et al
- *A Forecast for Cocoa Bean Farm Gate Prices in Davao Region, Southern Philippines, Using Generalized Autoregressive Conditional Heteroscedasticity*, by LB Estaña et al



At the Architectural Science Conference



Dr. Obsioma at the AFSLAB



MD Villanueva, CS Jacinto, Dr. Novero, CB Bayquen at the FAOBMB

- At the Architectural Science Association Conference 2016, University of Adelaide, 7-9 December 2016: *Modelling the Evolution of Housing and Socio-spatial Processes in Low Income Settlements: Case of Davao City, Philippines*, by IR Malaque III et al
 - At the 5th Asian Federation of Societies for Lactic Acid Bacteria International Symposium, Taipei, 28-30 Nov 2016: *Lactobacillus paracasei C1112 and Lactobacillus curvatus C1118 as Starter Culture for Fermented Pork Sausage*, by VP Obsioma
- Poster exhibits at the 25th Conference of the Federation of Asian and Oceanian Biochemists and Molecular Biologists (FAOBMB), 5-7 December 2016, Manila:
- *Identification of Fungal Species associated with 'Saba' Banana by the Amplification of Internal Transcribed Spacer Sequences*, by AU Novero et al
 - *Isolation of an S-Adenosyl Methionine Synthase Gene in Sago Palm*, by MD Villanueva et al
 - *Isolation and Molecular Characterization of Digestive Enzymes from the Gut of Larval Sago Palm Weevil*, by CS Jacinto et al
 - *Identification of Fungal Species associated with 'Lakatan' Banana Cultivar by the Amplification of Internal Transcribed Spacer Sequences*, by CB Bayquen et al

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Research projects presented at the College of Science and Mathematics Colloquium for upcoming thesis students, 8 December



Some images from the College of Science and Mathematics Colloquium

Projects presented:

- *Backyard farms: A crockpot for viruses*, by LE Murao et al
- *Cracking the cDNA sequence that encodes the raw starch-digesting amylase from *Saccharomycopsis bubodii* 2066*, by JG Tolentino et al
- *Isolation, purification, and structure elucidation of potential anti-cancer compounds from bio-active extracts-Year 1*, by JG Tolentino et al
- *Genetics of sago spine formation*, by AU Novero
- *Photocatalytic paints for the fabrication of self-cleaning and self-sterilizing containers*, by EV Fundador et al
- *Investigative study on the anti-microbial properties of sago starch blend films loaded with nisin*, by NV Fundador et al
- *Performance-testing and evaluation of cacao processing equipment*, by MU Usares et al
- *Assessment of *Lactobacillus paracasei* F212 as bio-preservative for pork under typical public market conditions*, by KA Calumba et al
- *Utilization of sago flour to improve nutritional profile of selected food products*, by JA Alviola et al
- *Improved post-harvest management of fruit and vegetables in Southern Philippines and Australia*, by EV Bayogan et al
- *Enhancing sago palm seed germination through various techniques*, by AD Delima et al

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- *Coconut colloid production and multiplication*, by CS Millado et al
- *Wildlife Inventory and Biodiversity Assessment Project at the Impact Areas within the Mt. Apo Natural Park of Sibulan Hydroelectric Power Plant*, MM Achondo et al
- *Behavior studies of captive animals at the Phil. Eagle Foundation*, by FA Camino et al
- *Tuna diet composition*, by CL Nañola et al
- *Reproductive biology of nipa*, by JA Mantiquilla et al
- *Enhancing resilience to disasters of urban water systems in Mindanao*, by RU Gamboa et al
- *LiDAR 1 flood hazard mapping and validation in Southern Mindanao Region XI/Davao Region*, by MU Usares et al
- *LiDAR 2 mapping of agricultural, coastal, forest, and renewable energy resources in Region 11*, by JO Santillan et al
- *Economic impact of climate determinants on rice farmlands in Davao Region, Southern Philippines*, by MA Limpoco et al
- *Identifying drivers of reef fishery stocks for sustainable management in Mabini, Compostela Valley*, by LB Estaña et al

Towards Excellence in Instruction and Faculty Development



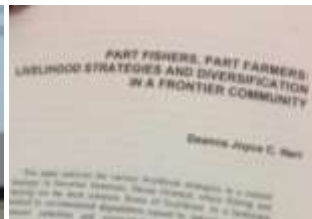
MP Arcena



Dr. Meissner



Dr. Oponda



AghamTao Vol. 26

- Instructor Mylene P. Arcena left for a scholarship to University of Otago, New Zealand starting in January 2017
- Dr. Scott Meissner, visiting professor, gave a lecture on *Academic Integrity: In Relation to Student Writing and Achievement* for faculty members on 12 December.
- Dr. Oponda led a *Training-workshop on Geographical Information Systems* for faculty and staff on December 19-21. This was also offered to external partners on 12-14 December.
- A *Pocket Session on Publication Writing* was held in the College of Science and Mathematics on 13 December
- The thesis of Ms. Deanna C. Neri (BA Anthropology 2016) *Part-Fishers, Part-Farmers: Livelihood Strategies and Diversification in a Frontier Community* was published in Agham Tao Journal of the Anthropological Society of the Philippines Vol. 26

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Towards Excellence in Public Service

Kasadya Lantern Parade and Season's Events and more



1. KASADYA Lantern Parade's winning Christmas lantern from Computer Science on 7 December; 2. RUNNER-UP from Kappa Epsilon; 3. RUNNER-UP from College of Science and Math; 4. DECORATION of Univ. Library wins the prize; 5. SENIOR CITIZENS are rewarded by the Office of the Vice-Chancellor for Administration and Rotary Clubs on 22 December; 6. LUMAD children receive "Love-in-a-Box" from Latagaw-Lamdag student organization on 12 December.

The Office of the Vice Chancellor for Academic Affairs gave a Training-Workshop on Basic GIS Mapping for partners in the Davao River Basin Management Council Alliance on 12-14 December.

Towards Enhanced Alumni Relations



LEFT: BA Social Science Class of 2002--Diocy Guilabtan, Jayneil Ancheta, and Ava Patricia Avila-Goldman donated textbooks to the University Library on January 6.

RIGHT: UP Alumni Association Davao held elections on January 7. The 2017 directors are Marie Glenn Cedeño-Sorila (chairperson), Joel Laserna (president), Sherwin Ramos, Michael Gatela, Charmaine Valentin, Kelly Marie Conlon, Vergel Jay Bautista, Carla Louise Bayquen, Joel Sagadal, Benny Corcolon, Trisha Lopena, John Carlo Tria, Amador Siapno, John Labay, and ex-officio directors Roberto Puentespina (past president), Elmer Cabalda (UPLBAA), Kriza Calumba (UPMINAA), and UP Mindanao Chancellor Sylvia Concepcion.