



CvSU to implement three new extension projects in 2021

The University has three (3) newly approved extension projects for implementation starting 2021. These projects titled, “Enhancing the Agri-Aqua Food Value Chain through Smart Technologies towards Food Resiliency in the New Normal in CALABARZON”, “SciCAT AVENUES or Access to Value-adding and Engaging iNnovations towards sUstainability of agri-Education and agri-touriSm”, and “Agri-Aqua Technology Business Incubator (ATBI)” were all approved in 2020. All projects will be funded by the Philippine Council for Agriculture, Aquatic, and Natural Resources Research and Development (PCAARRD) with a total approved budget of Php 20,219,480.

The first project to be headed by Engr. Gerry M. Castillo, director of the National Coffee Research, Development, and Extension Center (NCRDEC), aims to enhance the food value chain for coffee in the region towards improving agricultural productivity, competitiveness, efficiency, and inclusive food sustainability. This will benefit community-based farm enterprises, technology-based start-ups/spin-offs, and coffee farmers, cooperatives, associations, traders, and retailers in CALABARZON by implementing key approaches to strengthen the network of stakeholders and processes, increasing volume of production, improving quality of produce, and ensuring sustainable food value chain for coffee.

Meanwhile, the second project is Phase 2 of the Science for Convergence of Agriculture and Tourism (SciCAT) with Dr. Lilibeth P. Novicio of the College of Agriculture, Food, Environment and Natural Resources (CAFENR) as its project leader. The project aims to provide avenues in imparting science-based technologies

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Enhancing the Agri-Aqua Food Value Chain through Smart Technologies and Partnerships towards Food Resiliency in the New Normal in CALABARZON

General Objective:
Enhance the food value chain for coffee in the CALABARZON towards improving agricultural productivity, competitiveness, efficiency and inclusive food sustainability

Specific Objectives:
Enhance the food value chain for coffee in the CALABARZON
Increase the volume of production of coffee by 30%
Improve the quality of produce of the farmers
Ensure a sustainable food value chain for coffee in the region

Project Leader:
Gerry M. Castillo
Director, National Coffee Research, Development and Extension Center (NCRDEC)

Funded by: DOST-PCAARRD
Approved budget: PHP 3,162,672.00

**SciCAT AVENUES:
Access to Value-adding and Engaging iNnovations towards sUstainability of agri-Education and agri-tourism**

General Objective:
Provide avenues in imparting science-based technologies through farm development and technology application in a sustainable way

Specific Objectives:
Capacitate Silan AgriFarm and other interested individuals on agri-tourism management
Transfer package of technologies; build strong partnerships for sustainable farm tourism services
Promote digital tourism as a marketing strategy; develop tour packages that comply with health protocols
Increase generated income from production of fresh processed agricultural products
Evaluate clients' feedbacks as design support mechanism towards continual improvement
Secure DOT accreditation of Silan AgriFarm as a farm tourism site

Project Leader:
Lilibeth P. Novicio
Professor III, College of Agriculture, Food, Environment and Natural Resources (CAFENR)

Funded by: DOST-PCAARRD
Approved budget: PHP 10,122,100.00

DOST-PCAARRD-CvSU Agriculture and Food Technology Business Incubator Phase 2

General Objective:
Continue building a sustainable program that supports the government's effort on revitalizing the economy of the country through business establishments and job creations

Specific Objectives:
To equip the incubates with basic knowledge in agriculture, food technology, marketing, accounting and business management and provide them with facilities and equipment that will support their business operations
Assist in the creation of innovative and sustainable agri-business
Assist in growing the business of the continuing incubates into a more profitable and sustainable venture

Project Leader:
Almira G. Magcawas
Director, Extension Services

Funded by: DOST-PCAARRD
Approved budget: PHP 6,979,700.00

Getting to KNOW...

MS. MELINDA B. EUGENIO

Ms. Melinda B. Eugenio was born on December 10, 1956 in Alfonso, Cavite. She studied high school at Saint Gregory Academy in Indang and finished Bachelor of Science in Business Administration major in Accounting at the University of the East - Manila in 1977.

Ate or Tita Mely to her peers, started working as a research assistant on a contractual basis at the National Coffee Research, Development and Extension Center (NCRDEC) on March 16, 2007. She was tasked to maintain records, manage various exhibits, and assist in the operations of the Coffee Processing Center until its management was transferred to the External and Business Affairs in 2008. She was then assigned at the Farmers' Information and Technology Services (FITS) Center from 2009-2010 as an information service specialist. She had the chance to visit different provinces as part of the Techno Gabay Program of DOST-PCAARRD and STAARRDEC.

In 2011, she was assigned to work at the Learning Resource Center (formerly, the FITS Center). She worked in the maintenance of the library and reproduction of Information, Education and Communication (IEC) materials on agriculture and



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The 2021 extension projects

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VISION

The premier university in historic Cavite recognized for excellence in the development of globally competitive and morally upright individuals.

MISSION

Cavite State University shall provide excellent, equitable, and relevant educational opportunities in the arts, sciences and technology through quality instruction and responsive research and development activities.

It shall produce professional, skilled and morally upright individuals for global competitiveness.

QUALITY POLICY

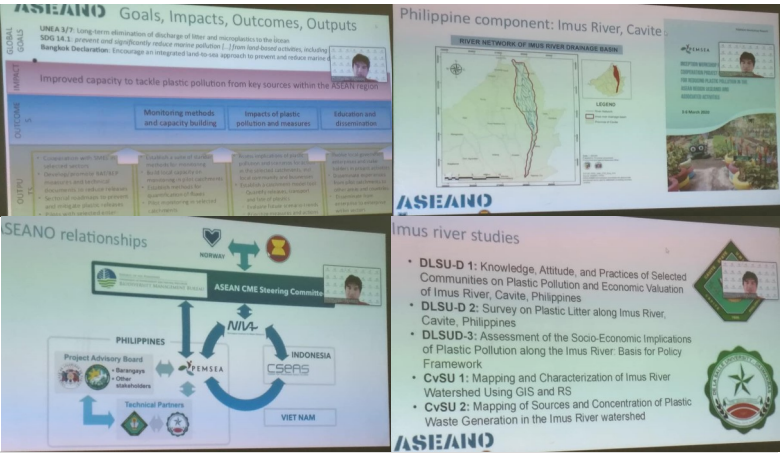
We Commit to the highest standards of education, Value our stakeholders, Strive for continual improvement of our products and services, and Uphold the University's tenets of Truth, Excellence and Service to produce globally competitive and morally upright individuals.

CvSU collaborates with NIVA, PEMSEA, DLSU-D on ASEANO project

Cavite State University (CvSU), in partnership with the Norwegian Institute for Water Research (NIVA), Partnerships in Environment Management for the Seas of East Asia (PEMSEA), and the De La Salle University – Dasmariñas (DLSU-D), will be working on the project titled, “Biophysical Characterization, Vulnerability, and Pollution Assessment in Imus River Watershed as part of the ASEAN-Norwegian Cooperation Project on Local Capacity Building for Reducing Plastic Pollution in the ASEAN Region (ASEANO)”. This funded project by PEMSEA, with a total cost of PHP 1,694,270.76, was approved in November 2020 and will be conducted in the province of Cavite from January to June 2021.

The project expects to create maps of topographical, geomorphological, land use, population density, and climatic condition of the Imus River Watershed (IRW), and maps highlighting the plastic sources and pathways within the IRW. It also aims to conduct a hotspot analysis of plastic pollution in IRW.

Project ASEANO covers five studies. DLSU-D will conduct Study 1: Knowledge, Attitude, and Practices of Selected Communities on Plastic Pollution and Economic



The ASEANO Project
(Photo credit to Ms. Geraldine Campos Zamora/DLSU-D)

Valuation of Imus River, Cavite, Philippines; Study 2: Survey on Plastic Litter along Imus River, Cavite, Philippines, and Study 3: Assessment of the Socio-Economic Implications of Plastic Pollution along the Imus River: Basis for Policy Framework.

Meanwhile, CvSU will work on Study 4: Mapping and Characterization of Imus River Watershed Using GIS and RS, and Study 5: Mapping of Sources and Concentration of Plastic Waste Generation in the Imus River Watershed.

A virtual meeting on the project was held with the Cavite Provincial Government - Environment and Natural Resources Office (PG-ENRO) and PEMSEA on January 26. The attendees were the DLSU-D faculty research team and project team leaders, Dr. Socorro Grace Red, Dr. Jonathan Rubio, and Mr. Edwin Lineses; and the CvSU (continue on page 5)



(L-R) Dr. Socorro Grace Red, Dr. Jonathan Rubio, Mr. Edwin Lineses, and Prof. Noel Sedigo, project leaders of the ASEANO project

Getting to KNOW ... (from page 1)

agricultural technologies, preparation of information kits for the Extension Services Center, management of different exhibits, and preparation/production/circulation of the UGNAYAN newsletter. She also became part of the Extension Services Center from 2016-2018 and was assigned to prepare various reports on the extension projects of the University.

CvSU to implement ... (from page 1)

through farm development and technology application in a sustainable way. This will capacitate Silan Agri Farm and other interested individuals on agri-tourism management, transferring package of technologies, building strong partnerships for sustainable farm tourism services, promoting digital tourism as a marketing strategy, developing tour packages that comply with health protocols, increasing generated income from the production of fresh processed agricultural products, evaluating clients’ feedback as design support mechanism towards continual improvement, and securing accreditation as a farm tourism site from the Department of Tourism (DOT).

The third extension project is in its second phase of implementation and will be under the supervision of Dr. Almira G. Magcawas, director of the Extension Services Center. The

Ate Mely is currently assigned at the Knowledge Management Center of the Office of the Vice President for Research and Extension. She has been working as associate editor and lay-out artist of two newsletters, *REconnections* and UGNAYAN.

She has four children, namely: Glenn, Oliver, Jolo, and Owen. At present, her family resides in Daine II, Indang, Cavite.

project will continue to build a sustainable program that supports the government’s efforts on revitalizing the economy of the country by equipping the incubatees with basic knowledge on agriculture, food technology, marketing, accounting, and business management, and providing them with facilities and equipment that will support their business operations; assist in the creation of innovative and sustainable agri-business through the development of cost-effective way to link the research-based knowledge of universities and incubates, and assist the continuing incubatees to expand their business into a more profitable and sustainable venture. Additional technologies that will complement the business operations will be introduced to them. Moreover, they will be assisted in building their market base through customer acquisition among the linkages of the institutions. (Medyleen M. Herrera)

STAARRDEC conducts training on IP Management

Southern Tagalog Agriculture, Aquatic and Resources Research, Development and Extension Consortium (STAARRDEC), in partnership with the DOST-PCAARRD project titled, "Sustain CvSU's IP-TBM Office and Enhancing IP-TBM Offices among Member Agencies of STAARRDEC" led by Dr. Teddy F. Tepora, conducted a training on Intellectual Property Management titled "Basics of IP, Patent Search, Invention Spotting and Claim Drafting" on January 11-13, 2021 at Hertz Hotels and Resorts, Tagaytay City. The training aims to provide support in strengthening the capability of Technology Transfer Officers (TTOs) in SUCs and other member agencies of STAARRDEC to effectively carry out their IP management and commercialization functions.

The training was led by Mr. Dindo O. Dumali, Intellectual Property Rights Specialist II of the Intellectual Property Office of the Philippines (IPOPIL). It was participated in by 19 individuals from different consortium member agencies, namely: Bureau of Animal Industry (BAI), Bureau of Fisheries and Aquatic Resources IVA (BFAR IVA), Cavite State University (CvSU), Department of Agriculture Regional Field Office IVA (DA RFO IVA), Forest Products Research and Development Institute (FPRDI), Laguna State Polytechnic University (LSPU), Marinduque State College (MSC), Philippine Coconut Authority



Southern Tagalog Agriculture, Aquatic and Resources, Development and Extension Consortium (STAARRDEC)
Cavite State University (CvSU)

TRAINING ON INTELLECTUAL PROPERTY MANAGEMENT

"Basic of IP, Patent Search, Invention Spotting and Claim Drafting"

Mr. DINDO O. DUMALI

Intellectual Property Rights Specialist II
Intellectual Property Office of the Philippines
Resource Speaker



The resource speaker of the training on IP Management

(PCA), Southern Luzon State University (SLSU), and University of Rizal System (URS).

The participants were required to bring their patentable technologies to be used during the workshop. The outputs of the participants were reviewed by Mr. Dumali who gave suggestions for the improvement of their patent documents. (*Minette R. Mojica & Marilyn M. Escobar*)



The participants together with the facilitators during the Training on Intellectual Property Management

ANNOUNCEMENTS



Call for Journal Articles

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The RESEARCH JOURNAL is now accepting manuscript for publication.

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CvSU Research Journal Office
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CvSU, Indang, Cavite

or you can send the soft copy to:
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THE PHILIPPINE COFFEE JOURNAL

CALL FOR PAPERS



ABOUT THE JOURNAL

A first of its kind, the Philippine Coffee Journal is a double-blind, peer-reviewed academic journal which focuses on the results and outcomes of research, development and extension (RDE) activities on coffee conducted by different higher education institutions (HEIs) and other government RDE institutions. It aims to revitalize the Philippine coffee industry through knowledge generation and transfer of technology to the community recognize efforts in the development and promotion of the Philippine coffee industry through information dissemination and publication.

IMPORTANT DETAILS

Who are eligible to submit?

- ✓ Researchers from different SUCs, private HEIs and government agencies
- ✓ Member Institutions of the Philippine Coffee Network
- ✓ Southeast Asian Universities
- ✓ Presentors during the National/ Southeast Asian Coffee Education Congress (NCEC/ SEACEC)

Manuscript Format and Submission

All parts of manuscript should be typed on one side of page, double-spaced on Letter (8 1/2" x 11") typewriting paper with one-inch margin on all sides and consecutively paginated on the upper right hand corner of the page. Arial with 12 point font size is preferred, using Microsoft Word and limited to 30 pages including tables, figures and references.

Manuscript together with the cover sheet should be submitted at philcoffeejournal@gmail.com.

CONTACT DETAILS

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OVPRE welcomes new officials

The Office of the Vice President for Research and Extension (OVPRE) welcomed new officials to serve from 2021 to 2023.

Dr. Melbourne R. Talactac, a multi-awarded veterinarian and a published researcher, was appointed as the new Vice President for Research and Extension tasked to lead the University in addressing the gaps in research and in implementing relevant extension programs to the communities. Dr. Talactac was recently awarded by the Philippine Veterinary Medical Association as 2020 Most Outstanding Veterinarian in Education and was recognized by the National Academy of Science and Technology as 2020 Outstanding Young Scientist. He was also a nominee in 2020 APEC Science Prize for Innovation, Research and Education (ASPIRE).



Prior to being the VP, Dr. Talactac served as the dean of the College of Veterinary Medicine and Biomedical Sciences. His knowledge in the field grew deeper as he obtained Master of Science in Veterinary Medicine major in Preventive Medicine at Chungnam National University in Korea and Doctor of Philosophy in Veterinary Science major in Veterinary Virology at the United Graduate School of Veterinary Sciences, Yamaguchi University in Japan. He collaborates with other scientists in conducting research projects on antiviral compounds, antiviral immunity and pathogens which made him a published researcher and a notable veterinarian in the academe.

With Dr. Talactac are equally competent directors who will serve as captains of the four centers under OVPRE.

Taking the lead in the conduct of relevant research is Dr. Miriam D. Baltazar, the newly appointed director of the Research Center. She is from the Department of Biological Sciences of the College of Arts and Sciences who has been teaching genetics, biotechnology, molecular biology, and other related subjects. She graduated with a degree in Master of Science in Genetics and



Dr. Miriam Du-Baltazar

Doctor of Philosophy in Genetics from the University of the Philippines - Los Baños. Prior to being assigned in the said post, she has been serving as a faculty researcher and a former director of the National Coffee Research Development and Extension Center. Her expertise in the field was developed as she participated in various fellowships like the Netherlands Fellowship Program at the Center for Development and Innovation, Wageningen University and Research at Wageningen in 2018; Wellcome Trust Sanger Institute's Advance Courses Fellowship in Hinxton, Cambridge, United Kingdom in 2015; and Youth Invitation Program by the Japan International Cooperation Agency in 2005 in addition to her International Post-Graduate Course in Biotechnology specializing in Plants and Microorganisms sponsored by the Ministry of Foreign Affairs at Hebrew University of Jerusalem in

2004. She has also published various research papers focusing on the said discipline while leading projects funded by different national agencies.

Meanwhile, Dr. Almira G. Magcawas from the Department of Development Studies of the College of Economics, Management and Development Studies, was appointed as the new director of the Extension Services Center. She finished Master of Science in Agricultural Extension at the CvSU Graduate School and took Doctor of Philosophy in Community Development with cognate in Development Management and Governance from UPLB. Prior to the said designation, she served as deputy consortium director of the Southern Tagalog Agriculture, Aquatic and Natural Resources Research and Development, director for the CvSU Continuing Education and Training Services, and the director of the newly established Makapuno RDE Center in 2020. Aside from being a researcher, she is known to be an expert facilitator, resource person, and evaluator in a number of local and national RDE activities.



Dr. Almira G. Magcawas

From being a faculty researcher and a language expert, Dr. Agnes C. Francisco was designated to lead the Knowledge Management Center (KMC) tasked to handle intellectual property and publication management in the institution. She is also a faculty member of the Department of Languages and Mass Communication, College of Arts and Sciences, who has been teaching research methods, linguistics, English language system, and other language education subjects. She obtained Master of Arts in Education with specialization in English Language Teaching from Philippine Normal University and Doctor of Philosophy in Applied Linguistics from De La Salle University – Manila. Before being appointed as director of KMC, she also served as the editor-in-chief of *REconnections*, the official newsletter of OVPRE.



Dr. Agnes C. Francisco

Engr. Gerry M. Castillo is facing his second term as he was re-appointed as director of the National Coffee Research, Development and Extension Center (NCRDEC). He finished Master in Management at the Technological University of the Philippines and is currently pursuing MS Industrial Engineering at De La Salle University-Manila. He is a faculty member under the College of Engineering and Information Technology teaching Lean Manufacturing, Packaging Technology and Industrial Organization and Management, among other engineering-related subjects. Aside from being an ASEAN Industrial Engineer, he has been leading various research projects, one of which is titled "Design and Development of a PLC-Based High Capacity Tissue Culture Growth Chamber" funded by the Department of Science and Technology – PCIEERD.



Engr. Gerry M. Castillo

Together with the dedicated team of researchers and extension workers, OVPRE aims to sustain existing RDE programs in the University while strengthening collaboration with community and industry partners. (Lady Aileen A. Orsal)

CvSU collaborates with ... (from page 2)

research team headed by its project leader, Prof. Noel Sedigo, campus administrator of the CvSU-Trece Martires City Campus, and the study leaders, Mr. Glenn Bryan Creencia and Dr. Lilibeth Novicio, faculty members of the Department of Forestry and Environmental Science of the College of Agriculture, Food, Environment and Natural Resources (CAFENR-DFES).

NIVA is Norway's leading institute for fundamental and applied research on marine and freshwaters with a wide array of researches on environmental, climatic and resource-related fields. As a multidisciplinary research institute with a broad scientific scope, this combines research, monitoring, evaluation, problem-solving, and advisory services at international, national and local levels. Meanwhile, PEMSEA is an organization created to foster and sustain healthy and resilient coasts and oceans, communities and economies across the Seas of East Asia through integrated management solutions and partnerships with national and local governments, companies, research and science institutions, communities, international agencies, regional programs, investors, and donors.

The ASEANO project was launched in the province of Cavite last year. An Inception Workshop and site visits, led by



The project leaders and staff during the inception meeting

the representatives from PEMSEA, NIVA, and the Center for Southeast Asian Studies (CSEAS) Indonesia, were held on March 5, 2020 at the Bayleaf Hotel, Gen. Trias City to provide a chance for local government officials, provincial government employees, business representatives, and NGOs to become more familiar with the project. The workshop was also intended to elicit local feedbacks and plan. (Melinda B. Eugenio & Glenn Bryan A. Creencia)



ASEAN Project Inception Workshop held at Bayleaf Hotel, Gen. Trias City, Cavite (Photo credit to Jun Dacaymat/PEMSEA)

Happening in February

LANGUAGE RESEARCH CONFERENCE

02.25 THURSDAY 8:30AM-4PM

THEME: EMPOWERING FUTURE LANGUAGE SCHOLARS THROUGH RESEARCH

KEYNOTE SPEAKER

DR. NIMFA G. DIMACULANGAN
LAGUNA STATE POLYTECHNIC UNIVERSITY SYSTEM
Associate Professor, Researcher & Review Editor

PLENARY SPEAKERS

DR. REY JOHN C. VILLANUEVA
MARIANO MARCOS STATE UNIVERSITY
Program Chair, PhD Linguistics and MA English Language & Literature

PROF. DON ANTHONY E. TAYCO
DE LA SALLE MEDICAL HEALTH & SCIENCES INSTITUTE
Licensed Professional Teacher and Faculty Member

Organized by

DEPARTMENT OF LANGUAGES & MASS COMMUNICATION

Support to the University's Strategies in Technology Acceleration Initiatives by Nurturing (SUSTAIN) the Intellectual Property and Technology Business Management (IP-TBM) Offices of the Consortia Member Agencies – Phase 2

3RD DOST-PCAARRD TECHNOLOGY COMMERCIALIZATION MENTORSHIP SERIES

RE Webinar Series

Research Webinar 1

Researchable Areas and Funding Opportunities for CvSU Researchers

February 26, 2021 via Cisco WebEx

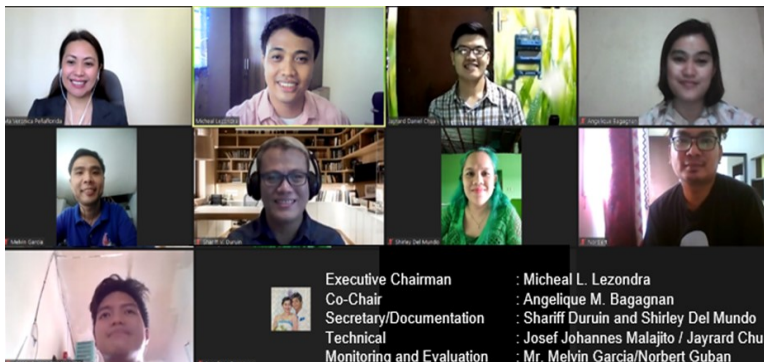
MS Biology students conduct

MS Biology students hosted a webinar dubbed “Thriving Climate Change: Shifting to SPECIES CONSERVATION from the Impacts of Climate Change” to update different stakeholders in the academe on the recent programs, projects, and studies related to climate change and its impact on the society. With the theme, “Shifting to SPECIES CONSERVATION from the Impacts of Climate Change”, the webinar was held last January 23 via Zoom and was participated in by 72 individuals.

Mr. Ernest Mateo, development management officer of the Climate Change Commission of the Philippines, served as the first speaker. He discussed the topic titled “People’s Survival Fund: A financial grant for climate change adaptation projects in the country”. He encouraged the attendees, especially those from the local government unit and educational institutions, to apply for financial grants that would improve the environmental conditions of the country.

Meanwhile, Dr. Eric Zeus C. Rizo, a professor from the University of the Philippines-Visayas, delivered the topic titled “Paradigm Shift in Community Ecology: From “Counting species” to “Accounting for Species”. He emphasized the importance of using phylogenies and traits to help explain how disturbance and other factors influence biodiversity and how conserving a specific area could preserve biodiversity.

“Since we have limited resources, if we use these new concepts and novel approaches, we will be smarter in the decision making in which areas are necessary for us to conserve”, Dr. Rizo mentioned.



Prof. Veronica P. Penaflorida (top left) together with the participants



In behalf of the MS Biology students, Prof. Ma. Veronica P. Peñaflores, chairperson of the Department of Biological Sciences, delivered the closing remarks and expressed her gratitude, to all the speakers and the attendees of the webinar. *(Ma. Veronica P. Peñaflores)*

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