

**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 **C**ommit to the highest standards of education, **V**alue our stakeholders, **S**trive for continual improvement of our products and services, and **U**phold the University's tenets of Truth, Excellence and Service to produce globally competitive and morally upright individuals.

OVPRE holds R&E Week 2018

The Office of the Vice President for Research and Extension (OVPRE) held its Research and Extension Week 2018 on September 4-6 at International House 1 and 2, Cavite State University – Main Campus. With the theme “Quality Performance Towards Excellence in Research and Extension”, the activity aimed to gather researchers, extension workers, OVPRE staff, faculty, and administrative council and update the CvSU community with the current R&E government undertakings. This activity also served as avenue for sharing outputs and promoting awareness on scientific publications, patents and techno-preneurship.

Dr. Ruel M. Mojica, Vice President for Research and Extension, welcomed and thanked everyone for attending the event. Dr. Ruperto S. Sangalang, former CvSU President and CHED Commissioner, shared his insights on research and extension, while Dr. Leyma L. Cero, Director for Physical Planning and Development, who represented the University President, Dr. Hernando D. Robles, delivered an inspirational message.

Dr. Custer C. Deocarís, Head of CHED – Research Management Division of the Planning, Research and Knowledge Management, served as keynote speaker. Dr. Deocarís graduated from Tokyo University specializing in neuroscience, regenerative medicine and bioengineering. He is a professor, policy maker,

(continue on page 5)

CAVITE STATE UNIVERSITY
DON SEVERINO DELAS ALAS CAMPUS
INDANG, CAVITE**THEME:**
QUALITY PERFORMANCE TOWARDS
EXCELLENCE IN RESEARCH
AND EXTENSIONSEPTEMBER 4-6, 2018
CAVITE STATE UNIVERSITY
INDANG, CAVITE

RC facilitates research proposal presentation

The Research Center, headed by its director, Dr. Ma. Cynthia R. dela Cruz, conducted a research proposal presentation on August 16, 2018 at Hostel Tropicana and STAARRDEC Conference Room.

The research proposals were categorized into: Agriculture and related Sciences, Social Sciences, and Engineering. Faculty members holding plantilla positions with relevant research projects duly endorsed by their college/campus research units were qualified to present. Proposals selected shall be funded under the Faculty and Students Research Capability Enhancement Program (FSRCEP) and CvSU Research Grant (CRG) funding schemes. A total of 39 papers were presented: 3 from Research Center, 3 from CAFENR, 6 from CAS, 1 from CED, 11 under CRG and 2 FSRCEP from CEIT, 3 from CEMDS, 3 from Cavite City campus, 3 from Bacoor campus, 3 from Imus campus, and 3 from Rosario CCAT campus.

Evaluators during the presentations were Dr. David L. Cero, Engr. Gerry M. Castillo and Ms. Rossian V. Perea for Engineering category; Dr. Edna dL. Vida, Dr. Lorenzo C. Lapitan, Jr. and Dr. Cristina F. Olo for Agriculture and related sciences; and, Dr. Marietta C. Mojica, Dr. Ma. Agnes P. Nuestro and Dr. Gilchor P. Cubillo for the Social Sciences.

Meanwhile, a total budget of Php 1.025M, for 9 CRG and 5 FSRCEP-funded researches previously presented, was released in September 2018. (SARoguel)

IN THIS ISSUE

OVPRE staff, RA granted Fulbright scholarship	2
Onate-Corral bags best paper ward in PASCHR 4th International Conference	2
ES conducts trainings in Cavite	3
Siducon talks on educational research in Tanza	3
CCJ conducts consultative and re-planning meeting	3
Feature: CvSU Research and Extension Week 2018	4
SPRINT spearheads kaong planting in Brgy. Mataas na Lupa	6
ITSO, KTO staff complete TECHCOM training	6

GETTING TO KNOW...

MR. ALFREDO S. EDQUID

Mr. Alfredo S. Edquid, Kuya Boy to his colleagues, is an Administrative Aide I assigned at the Farmers' Training Center and Technology Demonstration Farm (FTC-TDF) of the Extension Services. He is assigned in the maintenance of Module E of the Open Field Demonstration project where crops like coffee, black pepper, cacao, macapuno coconut and other fruit trees are planted. He is also tasked to maintain cleanliness, assist in repairs and restoration activities, and improve the production capacity of his assigned area.

Mr. Edquid was employed at Don Severino Agricultural College, now Cavite State University, in April 1990 as a laborer on a job order basis and became a permanent employee in February 2011. He has been serving the University for more than 28 years.

Kuya Boy was born on December 21, 1962 in Candelaria, Zambales and finished secondary education at Saint Vincent Academy. He is a widower with three children, Rachel, Ruffa and Ralf Angelo. He currently resides in Bancod, Indang, Cavite.



OVPRE staff, RA granted Fulbright scholarship

One staff and one research assistant from the Office of the Vice President for Research and Extension (OVPRE) were granted Fulbright scholarships, the Foreign Language Teaching Assistantship (FLTA) Program to teach Filipino language and culture, and Fulbright-CHED scholarship program giving opportunity to finish master's degree in the United States.

Lady Aileen A. Orsal, a technical staff at OVPRE and an instructor of the College of Arts and Sciences, is currently hosted in Northern Illinois University, DeKalb, Illinois to teach Tagalog language. While teaching, she is also considered as 'student-at-large' studying courses in relation to foreign language teaching, second language acquisition and Asian-American studies. This nine-month Fulbright Foreign Language Teaching Assistantship Program is sponsored by the US Department of State Bureau of Educational and Cultural Affairs. While serving as a native speaker in an American classroom under the Department of World Languages and Cultures, Orsal is also tasked to be a cultural ambassador representing the Philippines in the activities of the Center for Southeast Asian Studies. Such activities include language tables, exhibits, outreach programs and cultural presentations among others. She also participates in various community engagement activities like the DeKalb Fil-Am *Simbang Gabi* Choir and has been spending weekends as a volunteer in different campus and church events. One of the most notable was the DeKalb Public Library event entitled "8 Countries One Day" where she displayed some Filipino items, gave copies of Filipino recipes, taught *Itik-Itik* as a folk dance and read *Alamat ng Pinya* to kids who were part of more than 200 library visitors.

Before heading to the host institution, Orsal participated in a three-day summer

orientation at Syracuse University, New York last August and will be heading to Washington D.C. this December to attend the FLTA Midyear Conference, a gathering of more than a hundred Fulbright FLTAs from different countries of which only two Filipino FLTAs are participating this AY 2018-2019.

The said scholarship program is open to all teachers who are 23 to 29 years old, not living in Metro Manila, with good communication skills and with expertise in the country's language and culture. Other Fulbright programs open for application every year include Fulbright Graduate Student Program, Fulbright Senior Scholar for Advanced Research and University Lecturing Program and Hubert H. Humphrey Fellowship Program.

Meanwhile, Engr. Jonathan A. Flores, research assistant assigned at OVPRE, a Cavite State University alumnus and topnotcher in the 2014 National Agricultural Engineering Licensure Examination, is currently pursuing his graduate studies in the United States. Through the Fulbright-CHED scholarship program, he is taking up a 2-year MS program at the Biological Systems Engineering Department, Washington State University – Pullman. His study focuses on Land, Air, Water Resources and Environmental Engineering. He will be conducting a research on the use of satellite images to infer essential parameters in fluvial hydrology under the supervision of Dr. Claudio Stockle and Dr. Joan Wu.

According to Engr. Flores, upon completion of his graduate studies, he will serve as a faculty member in the College of Engineering and Information Technology – Department of Agricultural and Food Engineering (CEIT-DAFE) where he can impart what he learned to his future students. He will report back in CvSU in May 2020. (LAAOrsal / JAFlores)



Orsal wears a colorful Filipino attire as she represented the country in the DKPL event.



Jonathan Flores at the Washington State University

Onate-Corral bags best paper award in PASCHR 4th International Conference

Ms. Mari Daisy Onate-Corral of the Department of Teacher Education - Cavite College of Arts and Trade (CCAT) CvSU-Rosario Campus bagged the best paper award for her paper entitled "*Sirena* (Mermaid) and *Apo Baket* (Mama Mary) and the *Dadaya* Spirituality" during the Philippine Association for the Study of Culture, History and Religion (PASCHR) 4th International Conference on July 5-7, 2018, with the theme "Highlighting the Filipino Cultural Heritage, Looking through the Lens of Religious Practices". The academic gathering was co-sponsored by Cagayan State University (CSU) and St. Paul University Philippines (SPUP), with Divine Word College of San Jose, Occidental Mindoro, as CPD provider.

PASCHR is an internationally acclaimed organization with a goal focused on the cultivation, preservation and conservation of cultural heritage of nations across Asia. It provides an excellent and intellectual environment for writers, researchers, scholars, educators and individuals who share the same values and practices in the fields of arts, culture, religion and history. Also, conferences created by PASCHR are geared to share studies in the said fields for quality improvement and social transformation.

Dr. Amarjiva Lochan, President, South and Southeast Asian for the Study of Culture and Religion was the keynote speaker. The first plenary talk on religion was given by Fr. Renato Tampol, SVD, President of Divine Word College of San Jose. The conference was opened with the welcome address of Hon. Claire Callangan, Councilor, Tuguegarao City, followed by the opening remarks of Sr. Merceditas Ang, SPC, University President, SPUP and Dr. Mariden Cauilan, Vice President for Academics, CSU.

The first day was capped by a Cultural Night sponsored by Congressman Randolph S. Ting and Mrs. Nancy P. Ting. The CSU

Rondalla Harmonic Ensemble and Pagayaya Performing Arts Club of the Cagayan National High School (CNHS) – Senior High School provided entertainment to the participants. Meanwhile, the second day was highlighted by the Plenary Talk of Dr. Nelia Cauilan, President, Apayao State College, on history and culture. The three-day international conference also provided opportunities for research presentations through parallel sessions.

Dr. Esmeralda Sanchez, President, PASCHR, Prof. Ferdinand Bulusan, Vice President, PASCHR, Dr. Alma Manera, Information Officer, PASCHR and Dr. Allan Peejay Lappay, Director, SPUP Alumni, External Relations and Advocacies spearheaded the said conference with the assistance of SPUP and CSU teams.

Ms. Onate-Corral's goal was to share her significant and relevant findings on tales and myths for social transformation in support of CvSU President, Dr. Robles' belief on "**fast and serious transformation**", and of CCAT Administrator Dr. Lisama's vision of a "**continuous quality improvement**" – and at the same time gather feedbacks for her future paper on Tales and Myths across Asia and the World as tool for quality development and social transformation". (MDMOCorral)



Ms. Onate-Corral receiving her certificate of recognition

Siducon talks on educational research in Tanza

Mr. Andrew J. Siducon, a faculty member of the College of Arts and Sciences – Department of Physical Sciences, and Technical Expert of Innovation and Technology Support Office (ITSO), shared his knowledge and experience in conducting action research during the 2018 Municipal Capacity Building on Educational Research held last September 7-8 at Amaya Elementary School, Tanza, Cavite. The said activity was organized by the Research Association of Tanza Educators (RATE) which aimed to capacitate the participants in educational research; promote the culture of research on thematic areas such as improving access, quality and governance in the field of education; prepare the participants in the forthcoming 2018 Conference of Basic Education Researchers (Southeast Asia); and address issues and concerns in educational research. This was attended by school heads, master teachers and key researchers of elementary and secondary schools in Tanza, Cavite.

During the first day, Mr. Siducon discussed the methods and importance of action research in Education and its basic statistical tools. On the second day, he served as the chair of the panel of evaluators for proposal presentations. To end the activity, he presented a framework for conducting an action research as part of his impression and reflection on the two-day activity. *(AJSiducon)*



Mr. Siducon sharing his knowledge in research

CCJ conducts consultative and re-planning meeting

The College of Criminal Justice (CCJ) conducted a consultative and re-planning meeting with their stakeholders on September 07, 2018 at the Lasap Hall, Cavite State University (CvSU), Indang, Cavite. The consultation focused on CCJ's "Kababayan Kong Kaagapay sa Kaalaman at Kasanayan Kontra Krimen (7K) Advocacy in Selected Municipalities and Cities of Cavite: A Community Policing and Multi-Sectoral Collaboration Extension Program." It was attended by CCJ faculty and students and 24 officials and staff from Indang League of Barangay Captains (LBC), Cavite Provincial Police Office (CPPO), Office of the Provincial Prosecutor, Indang Bureau of Fire Protection (BFP), Provincial Disaster Risk Reduction Management Office (PDRRMO), Indang Municipal Police Station, Municipal Disaster Risk Reduction Management Office (MDRRMO), Provincial Social Welfare and Development Office (PSWDO), Women and Children Protection Desk (WCPD). Mrs. Lorna C. Matel, director for CvSU Special Projects, welcomed the participants. The activity was spearheaded by Dr. Famela Iza Cabe-Matic, college dean, and Dr. Susan G. Tan, college extension coordinator.

During the meeting, Ms. Bessielyn S. Videña and Engr. Gerry M. Castillo from the Office of the Vice President for Research and Extension (OVPRE) presented the University Research and Extension Agenda, while Dr. Matic showed the college's roadmap and reiterated the importance of doing extension projects and the role of the stakeholders in planning such, that is appropriate, acceptable and beneficial to the community. She then presented the 7K Advocacy Extension Program with five sectors: (1) Etiology of Crime, (2) Homeland Security, (3) Law Enforcement Administration, (4) Scientific Criminal Investigation, and (5) Restorative Justice. Also, Dr. Tan presented two proposed extension projects namely: "Iba na ang Handa (I.N.A.H): A Gender-responsive Community-based Disaster Risk Reduction Management" and "Educate, Prevent, Influence (E.P.I): A Gender-responsive Community-based Intervention Project to Eliminate

ES conducts trainings in Cavite

The Extension Services (ES) conducted 11 trainings in different cities and municipalities in Cavite from July to September 2018. Participants were from different sectors including farmers, fisherfolks, unemployed women, members of Pantawid Pamilyang Pilipino Program (4Ps), and leaders and members of different organizations in Alfonso, Bacoar City, Maragondon, Naic, Mendez, Magallanes, Gen. Emilio Aguinaldo, and Tanza.

Trainings conducted and trainers from CvSU and private entrepreneur were as follows: on cacao processing, Mr. Marvin Vicedo – entrepreneur from Calumpang Cerca, Indang, Cavite; on urban gardening, organic farming and organic vegetable production, Prof. Edgardo A. Gonzales from the College of Agriculture, Food, Environment and Natural Resources (CAFENR); on farm mechanization, Engr. Gee Jay Bartolome from CvSU Rosario – CCAT campus; on fish processing and marketing strategies, Prof. Elsa B. Omipon, Prof. Flora M. Viaje, Prof. Ma. Solita R. Poblete, Prof. Marilyn L. Tesorero and Prof. Elsa D. Nueva from CvSU – Naic; package of technology on pineapple and training on plant propagation, Dr. Arnulfo C. Pascual, retired professor of CvSU CAFENR; basic bookkeeping for farmers' associations, Prof. Isolde R. Sustrina and Prof. Dolores Aguilar from the Department of Accountancy, College of Economics, Management and Development Studies (CEMDS); on fruits and vegetables processing, Mrs. Elvira B. Perlado, Home Management Technician of Extension Services; and on product labeling and packaging of coffee and black pepper, Mr. Gener Cueno from the Department of Marketing, CEMDS. Some of these trainings were in collaboration with Agricultural Training Institute IV-A which provided financial support.

The success of the trainings was attained thru the efforts of Dr. Lilibeth P. Novicio, director of Extension Services, with the support of the members of the ES Training Management Team, Lorna C. Matel, Bernadette S. Amparo, Joselito F. Ersando, Julita M. Mojica, Khay B. Arandia and Marjorie Ann B. Panerio. *(MBEugenio)*



Trainors and participants during the ES training series

Trafficking in Persons (TIP)."

CCJ's on-going extension project for the Restorative Justice sector dubbed as "Barangay Aktibo Tungo sa Alternatibong Solusyon (B.A.T.A.S)" is now on its third phase of implementation. In the recently concluded Training of Trainers participated by barangay captains and secretaries, four adaptors or trainers were developed and will serve as facilitators and/or resource speakers in future trainings in the community.

With regard to the proposed project I.N.A.H., Dr. Tan pointed out that the project deals with the preparedness of the community covering gender issues, different types of disasters, five phases of disaster preparedness and emergency medical services. This project will be intended for the residents of barangay and will thrive on volunteerism or bayanihan spirit of Filipinos, ensuring that it will be institutionalized and will not be affected by change in barangay leadership. Several suggestions were noted such as realignment and inclusion of psychosocial assessment and stress debriefing in the modules.

Meanwhile, PSI Xelacor Marie C. Garcia, Provincial WCPD Chief, asked if the college's Project E.P.I., dealing with the elimination of trafficking in persons, could focus on the increasing number of rape cases in the province of Cavite for the establishment of a crime-map and also an extension project that would increase the awareness of the community on the prevalence of rape wherein the victims are mostly children and the crime being committed within the confines of the home.

Lastly, Dr. Matic appealed for recommitment of the various stakeholders present. As a parting word, Mrs. Matel reiterated the importance of having a memorandum of agreement between CvSU-CCJ and the stakeholders. *(SGTan)*

FEATURE

CvSU Research and Extension Week 2018

The University, through the efforts of the Office of the Vice President for Research and Extension, celebrated Research and Extension Week 2018 with the theme “Quality Performance towards Excellence in Research and Extension” on September 4-6, 2018 at International House 1 and 2.

September 4: The Plenary

Four plenary sessions were held on the first day of the activity with different plenary speakers who tackled relevant topics related to the theme of the celebration.

Prof. Ronald U. Mendoza, Dean of Ateneo School of Government, Ateneo de Manila University, who was introduced by Dr. Ma. Cynthia R. dela Cruz, Director for Research, talked on Philippine Economy Brief and the Importance of Research in the Country’s Continued Good Governance and Development.

Mr. Meelendra Singh, business consultant and account manager of Global CEO Alliance, discussed business outlook for commercialization of research outputs. He was introduced by Dr. Yolanda A. Ilagan, KMC Director.

Meanwhile, Dr. Rowena DT. Baconguis, Scientist II and Professor at UPLB, Press Relations Officer of PhilEASNet, Diliman, Quezon City, tackled the best practices in extension services, who was introduced by Dr. Lilibeth P. Novicio, Director for Extension.

Prof. Glenn N. Baticados, director of the Center for Technology Transfer and Entrepreneurship of the University of the Philippines Los Baños (UPLB), was introduced by Dr. Teddy F. Tepora, manager of CvSU Intellectual Technology Support Office (ITSO) and talked about Technology Transfer and Commercialization.

September 5: In-House Review

The second day of the R&E week focused on the presentation of the completed and on-going researches and extension projects held simultaneously at International House 1, CvSU main.

Research In-House Review for completed and on-going research projects was held in Conference Room 1, International House 1, headed by Dr. Ma. Cynthia R. Dela Cruz, Director for Research. Dr. Mary Grace B. Dacuma, Assistant Professor VI, University of the Philippines Los Baños; Dr. Gloria Luz M. Nelson, Professor XII, University of the Philippines Los Baños; and, Dr. Ramer P. Bautista, Asst. Professor, University of the Philippines Los Baños, served as the panel of evaluators. There were 18 completed researches and seven on-going researches presented.

On-going Researches:

Title	Authors
Establishing and Operationalizing Institutional Innovation and Technology Hubs (ITHs) in Consortia Member Agencies	Dr. Teddy F. Tepora
Establishment of CvSU SiMM (Simulation, Modeling and Measurement) Laboratory	Engr. Sheryl D. Fenol
Design and Development of a PLC-Based High Capacity Tissue Culture Growth Chamber	Engr. Gerry Castillo Ms. Rosalie A. Pelle Mr. Rhyan Philip Reyes Engr. Al Eugene Torres Ms. Antonette Jean Magcamit
Establishment of Coconut Seedling Nursery at CvSU and Need-Based Scholarship Program for Children of Coconut Farmers	Dr. Hosea dL. Matel Dr. Teddy F. Tepora Engr. Jonathan Flores
Towards Production of Low Glycemic Index Sweeteners from Sugarcane	Dr. Hosea dL. Matel
Enhancing Capacity for S and T Education	Dr. Hosea dL. Matel
Comparison of Different Enzyme Preparations for Production of Oligofructose and Inulin from Sugarcane Juice	Dr. Hosea dL. Matel Ms. Angela B. Alimboyoguen Mr. Kui-dong Riman Ms. Maria Marcelina Espineli Mr. Nhyll Angelo Acuña

Completed Researches:

Title	Authors
Discrimination of Civet Coffee Using Near Infrared Spectroscopy and Artificial Neural Network	Engr. Edwin R. Arboleda
Surveillance of Porcine Epidemic Diarrhea (PED) in Commercial Farms in Cavite	Dr. Anthony Karl F. Navarro Dr. Ma. Cynthia R. dela Cruz Dr. Nelson J. Montialto Dr. Mico Andreo S. Sambrano
Somatic Embryogenesis of Coffee (<i>Coffea Arabica</i> and <i>Coffea liberica</i>)	Dr. Miriam D. Baltazar Ms. Charmaine Alcachupas Ms. Cherry Rose Ersando Dr. Edna DA. Vida
Screening of the Insecticidal Activity of Extracts Derived from Some Lesser Known Plants Against Ants of Agricultural Importance and Housefly Larvae	Prof. Sherine M. Cruzate Dr. Josefina R. Rint Prof. Michele T. Bono Prof. Dickson N. Dimero Ms. Wendy Ann Payaban Ms. Charlene P. Aterrado
Assessment of Parasites in Oysters and Fishes in Selected Areas of Cavite	Prof. Michele T. Bono Prof. Dickson N. Dimero Prof. Sherine M. Cruzate Ms. Arnieza Llemit Mr. Edward P. Mamaril Ms. Arianne Canchela Ms. Shaarin Marimat
Karyotype Analysis of Kaong (<i>Arenga pinnata</i>)	Mr. Rodolfo Carreon Dr. Miriam D. Baltazar
Initial Studies on Embryo Culture of Sugar Palm	Ms. Monalyn N. Labrador Mr. Kemuel Punzalan Dr. Hosea dL. Matel Dr. Miriam D. Baltazar
Development of Bakery Products Using Aguinaldo Blend Coffee	Dr. Ma. Agnes P. Nuestro Dr. Mary Jane D. Tepora Prof. Patrick Glenn C. Ilano Dr. Editha G. Reyes
Assessment of Polychlorinated Biphenyls (PCBs) by Gas Chromatography-Electron Capture Detector (GC-ECD) in Surface Water at Labac-Alemang River Watershed	Engr. Momed A. Callao Prof. Evangelina B. Mora Prof. Rene B. Betonio
Assessment of Polychlorinated Biphenyls (PCBs) by Gas Chromatography-Electron Capture Detector (GC-ECD) in Sediments at Labac-Alemang River Watershed	Engr. Momed A. Callao Prof. Evangelina B. Mora Prof. Rene B. Betonio
Screening for Other Organic Pollutants by Gas Chromatography-Mass Spectrometry (GC-MS) in Surface Water and Sediments at Bukana Malaki River, Naic, Cavite	Engr. Momed A. Callao Prof. Evangelina B. Mora Prof. Rene B. Betonio
Improved Metabolic Profiles, Body Condition Scores and Body Weight as Positive Modulators of Conception Rate of Non-descript Goats Fed Concentrates	Dr. Cristina F. Olo Dr. Mariedel L. Autriz Dr. Magdalena N. Alcantara Dr. Irvin dL. Matel Ms. Diane D. Olarve
Adaptation of Study Skills Inventory for College Students at Cavite State University	Ms. Kloe Raine G. Boncayao Ms. Ervinia P. Garcia Ms. Laarni May P. Perez Dr. Cecilia B. Banaag
Writing Activities in Mathematics Acquisition	Prof. Lea Marissa Domingo
Development of Writing Activities in Mathematics	Prof. Lea Marissa Domingo
Surviving the Crash: Victims’ Coping Mechanisms Towards Psychological Effects of Vehicular Accidents in Gen. Trias City, Cavite	Prof. Louziela P. Masana Prof. Shaine Hayag Prof. Cristina M. Signo
Characterization of Philippine Coffee Varieties	Dr. Ruel . Mojica
Research Capability Building for Agricultural Biotechnology at CvSU (DA-BIOTECH C-1503)	Dr. Hosea dL. Matel

Meanwhile, Extension In-House Review, headed by Dr. Lilibeth P. Novicio, Director for Extension Services, was held in Conference Room 2, International House 1. Ms. Mariel Celeste C. Dayanghirang, Training Center Superintendent I, Department of Agriculture – Agricultural Training Institute (DA-ATI) CALABARZON; Dr. Rowena DT. Bacongus, Professor IV, Institute for Governance and Rural Development, College of Public Affairs and Development, University of the Philippines Los Baños; and Forester Felino Jutoy Gutierrez, Jr., Director for Extension Services, Southern Luzon State University, served as panel of evaluators. There were 5 completed projects and five on-going projects presented.

Completed Extension Projects

Title	Authors
Impact Assessment and Evaluation on Community Industrial Extension Training Program	Willie C. Buclatin
Infrastructure Audit of Buildings in Alulod, Indang, Cavite	Cene C. Bago
Community-Based Production, Processing and Marketing of Milkfish and Tilapia	Sherrlyn M. Rasdas Flora D. Viaje Ma. Solita R. Poblete Joel Credito Elsa D. Nueva
Promotion of Livelihood Entrepreneurship in Cavite	Shirlyn M. Rom Nelia C. Cresino Marietta C. Mojica Maria Soledad M. Lising Raecel A. Estebat
GAD Capability Enhancement Project	Raecel A. Estebat Nelia C. Cresino Shirlyn M. Rom

On-going Extension Projects

Title	Authors
CvSU Bee Program: Beekeeping and Ecological Entrepreneurship	Dickson N. Dimero Michele T. Bono
Project Kompyuter: Training on Basic Computer Repair and Maintenance	Jonell V. Ocampo Cristina M. Signo Regene G. Hernandez Mark Anthony R. Abril Jou Marlou A. Opella Gerry L. Prado Rochelle C. Malabayabas
An Arduino Microcontroller Training Course: Introduction to Robotics	Poinsettia A. Vida
Statistical Tools for Action Research of Teachers Project (Let's START!)	Andrew J. Siducon
Pinya Buhay	Cereneo S. Santiago, Jr. Zarah Jane R. Centeno Ma. Leah P. Ulanday

OVPRE holds ...

(from page 1)

science communicator, and host and producer of Pinoy Scientist radio program. Dr. Deocarís’ talk focused on the National Higher Education Research Agenda (NHERA), the first phase of which covered the period 1998-2008 including extension while NHERA-2 covered 2009-2018. According to Dr. Deocarís, the initiatives under NHERA-1 are sustained to improve research capability and productivity among HEIs and new challenges are addressed under NHERA-2 for higher education research to create appreciable impacts not only across all disciplines of higher education but also in the more real-world socio-economic and cultural milieu. Additionally, he emphasized that NHERA-1 and 2 are all about global excellence, publications, and products. NHERA-3 involves research in strengthening governance for Philippine Higher Education – component of National Higher Education, covering the period 2019-2028. A two-part survey will be conducted by the Office of Planning, Research and Knowledge Management- Research Management Division (OPRKM-RMD) whose key results will be incorporated in the NHERA-3, part I of which involves gathering basic demographic information, research directions and guidance on operationalizing NHERA III; part II will use a Delphi technique to prioritize the research questions to come up with a consensus. Also, NHERA-3 is different from DOST’s and other agenda that focus on products and processes.

September 6: Parallel Sessions

Dr. Renato N. Pelorina, professor and faculty researcher, started the first session held at Conference Room 1 with an echo seminar on strategy in articles and journal citation, and was followed by an open forum moderated by Dr. Mariedel L. Autriz. Review of proposed research projects was held in Conference Room 2 with Dr. Agnes B. Alimboyoguen as the event moderator. In the afternoon session, Mr. Adrian H. Sablan, IPR Specialist, Intellectual Property Office of the Philippines (IPOPHL), served as the speaker for the seminar on Intellectual Property held in International House 2, CvSU-Main.

The event was followed with the awarding ceremony for the best research paper, best extension paper, citations, publications, and patents and ended with R&E General Assembly. Dr. Ruel M. Mojica, VP for Research and Extension, thanked all the staff for all the efforts they have given to make the R&E Week successful. They are looking forward to the next Research and Extension Week celebration.

Awarding Ceremony

Dr. Cristina F. Olo, Dr. Mariedel L. Autriz, Dr. Magdalena N. Alcantara, Dr. Irvin dL. Matel, and Ms. Diane D. Olarve from the College of Agriculture, Food, Environment and Natural Resources – Animal Science Department bagged the first place for best completed research paper entitled “Improved Metabolic Profiles, Body Condition Scores and Body Weight as Positive Modulators of Conception Rate of Non-descript Goats Fed Concentrates.”

Mr. Rodolfo Carreon and Dr. Miriam D. Baltazar’s study on “Karyotype Analysis of Kaong (*Arenga pinnata*)” won second place; and “Assessment of Parasites in Oysters and Fishes in Selected Areas of Cavite” of Prof. Michele T. Bono, Prof. Dickson N. Dimero, Prof. Sherine M. Cruzate, Ms. Arnieza Llemit, Mr. Edward P. Mamaril, Ms. Arianne Canchela and Ms. Shaarin Marimat of College of Arts and Sciences – Department of Biological Sciences won third place.

Community-Based Production, Processing and Marketing of Milkfish and Tilapia of Sherrlyn M. Rasdas, Flora D. Viaje, Ma. Solita R. Poblete, Joel Credito and Elsa D. Nueva of CvSU – Naic Campus was awarded as the best completed extension paper.

Prizes were given to the winners amounting to Php 5,000.00 for first place, Php 4,000.00 for second place, and Php 3,000.00 for the third place.

Certificates of recognition were awarded to researchers for publications for the last five years and citations since their papers were published. Dr. Cristina F. Olo topped the list with more than 900 citations, while Dr. Melbourne R. Talactac with the most number of publications.



Dr. Custer Deocarís during his keynote speech



(Left) Ms. Sherrlyn Rasdas receiving her award for Best Extension paper with Mrs. Lorna Matel and evaluators (right) CAFENR booth at the exhibit

Exhibits of products and technologies, in-house review, plenary sessions, seminars on publication citation and intellectual property, and general assembly of OVPRE officials and staff completed the three-day event.

Winners of the Best Research and Best Extension Papers were awarded cash prizes, while certificates of recognition were given to faculty and staff with published papers in ISI and refereed journals, externally funded projects, citations on publications and patented products and technologies for the last five years.

The R&E Week celebration was a collaborative effort of OVPRE, Research Center (RC), Extension Services (ES), Knowledge Management Center (KMC), and National Coffee Research, Development and Extension Center (NCRDEC). (MBEugenio)

ITSO, KTTO staff complete TECHCOM training

Four staff of the Innovation and Technology Support Office (ITSO) and Knowledge and Technology Transfer Office (KTTO) graduated last September 28 in the three-month training sponsored by the DOST-Philippine Council for Agriculture, Aquatic and Natural Resources Research and Development (PCAARRD) through the project “Enhancing and Operationalizing Intellectual Property Management and Business Development Office (IPM-BDO)” where Cavite State University is the lead (coordinating) agency with Dr. Teddy F. Tepora, the university-designated ITSO Manager, as the project leader. Dr. Tepora, Ms. Emeline Guevarra (ITSO technical staff & IPM-BDO project staff), Engr. Sheryl D. Fenol (KTTO Manager), and John Pascual C. Magnawa (Research Assistant) were among the twenty-six (26) graduates of the said capacity-building training, “Technology Commercialization Mentorship Series (TECHCOM)”.

The participants went through a series of trainings under six (6) modules. The first two modules last July introduced the participants into PCAARRD’s Research and Development Resource Utilization (RDRU), Technology Transfer Framework, and Pre-Commercialization undertakings. In August, the third and fourth modules focused on molding the participants’ skills in pitching, licensing and valuation down to the conduct of actual commercialization and its strategies. In September, the fifth module pushed the participants to be prepared for the legal arena in technology commercialization through the discussion of negotiation and issuance of Fairness Opinion Report (FOR). The final wave, sixth and last module put the participants into a test. To apply the learnings in marketing and customer segmentation and networking, a so-called “Red Paper clip” Trade-Up challenge was facilitated in SM Calamba.

Finally, a technology pitching was organized and dubbed as the 1st DOST-PCAARRD Technology Pitch Day, where participants were PCAARRD staff and potential investors. Ms. Emeline Guevarra (the presenter) was hailed first-runner up in the poster presentation of the technology, “Innovative Fructan Production Technology (Utility Model (UM)-applied)”, developed by Dr. Hosea dL. Matel and his team. The other CvSU technologies presented during the said event were: “Severino’s Dragon Fruit Products” (invented and presented by Dr. Tepora and others), and “Kaong Brown Sugar” (invented by Dr. Lorenzo Lapitan and others) presented by Engr. Sheryl Fenol. Both technologies are already UM-registered under the Intellectual Property Office of the Philippines (IPOPHL).

With the participants’ completion of the training course, the IPM-BDO project hopes that participants will be equipped enough in facing the challenges and opportunities as they continue to conduct technology transfer and commercialization of research outputs in their respective agencies. (JPCMagnawa)

SPRINT spearheads kaong planting in Brgy. Mataas na Lupa

The CvSU Sugar Palm Research, Information and Trade (SPRINT) Center spearheaded kaong planting along a section of Labac River in Brgy. Mataas na Lupa, Indang, Cavite on September 22, 2018. The activity included the planting of 1,250 seedlings by volunteers from Canon Business Machines Philippines Inc. (CBMPI), a company based at the First Philippines Industrial Park, Tanauan City, Batangas involved in the manufacture of beam and monochrome printers. The 95-strong CBMPI contingent was headed by its president, Mr. Osamu Shibuya.

This activity was in partnership with De La Salle – Health Sciences Institute (DLS-HSI), Provincial Government Environment and Natural Resources Office- Cavite (PGENRO-Cavite) and the Local Government Unit (LGU) of Brgy. Mataas na Lupa, Indang, Cavite. Volunteers from these three institutions took part in site preparation and hauling of seedlings along with Dr. Lorenzo C. Lapitan, Jr., CvSU-SPRINT head, together with his staff. (JLBHerrera)



The volunteers pose for a picture before embarking on actual kaong planting



TECHCOM training participants during the graduation ceremony (Photo courtesy of TTPD-PCAARRD)

ANNOUNCEMENTS

CALL FOR PAPERS

The Publication and Communication Division of the Knowledge Management Center (KMC) is accepting manuscripts for publication in the CvSU Research Journal and the Philippine Coffee Journal.

For inquiries, contact the KMC at telephone no. 415-0212 or send email to cvsuresearchjournal@gmail.com

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Editorial Staff

Editor-in-Chief : Agnes C. Francisco
Associate Editor : Erica Charmane B. Hernandez
Layout Artist: Melinda B. Eugenio

Contributors:

Lady Aileen A. Orsal	Mari Daisy Onate-Corral
Jonathan A. Flores	
Sally A. Roguel	Andrew J. Siducon
Melinda B. Eugenio	John Pascual C. Magnawa
Jhon Laurence B. Herrera	Susan G. Tan

Head of Publication and Communication Division:

Agnes B. Alimboyoguen

Consultants:

Dr. Yolanda A. Ilagan
Dr. Ruel M. Mojica
Dr. Hernando D. Robles

Publication Office

Knowledge Management Center
5th Flr. Ladislao Diwa Library and Museum Bldg.
Cavite State University
Indang, Cavite

Telephone No. (046) 415-0212

E-mail: kmc.cvsu@cvsu.edu.ph