



DA-ACEF releases 5M for CvSU’s BASF project

The Department of Agriculture – Agricultural Competitiveness Enhancement Fund (DA-ACEF) released on October 24, 2019 the Php5M budget for the project titled, “Upgrading of the Bio-Analytical Services Facility (BASF) of Cavite State University (CvSU) Toward ISO or Third Party Accreditation” which was presented in June 2018 by Dr. Agnes B. Alimboyoguen, the project proponent and designated faculty researcher of the University.

The said project was approved in December 2018 and the memorandum of agreement (MOA) was signed on September 24, 2019. Present during the MOA signing executed at the Department of Agriculture (DA) in Quezon City were Dr. Hernando D. Robles, University President, Dr. William D. Dar, Secretary of Agriculture, and Dr. Alimboyoguen.

Makapuno RDE Center, launched at RSTW 2019

To facilitate further *makapuno* research and extension programs, as well as *makapuno* branding and product development promotion, the soon-to-be-established *Makapuno* RDE Center was launched during the 2019 Regional Science and Technology Week in Santa Rosa, Laguna, September 25.

Cavite State University is tasked to be the lead agency in the establishment and operation of the Center focusing on *makapuno* as a high value crop and aiming to increase farm-to-market value of the said crop to benefit more farmers in the region.

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The BASF project aims for CvSU to be recognized as a service provider of quality analytical research in the national and international level. Specifically, it is designed to improve research capacity at CvSU through acquisition of advanced instrumentation which will be available in both research and instruction, to provide technical training/workshop and consultations to faculty, students and researchers in the academe, government and private institutions, and to provide quality analytical service facility to basic and applied research and development program of the University and food industry in the region. (MBEugenio)

CAS-DBS bags awards at the 32nd RSRDEH

Prof. Michele T. Bono, Prof. Dickson N. Dimero and Mr. Jonathan R. Digma of the College of Arts and Sciences – Department of Biological Sciences (CAS-DBS) represented Cavite State University (CvSU) during the Southern Tagalog Agriculture, Aquatic and Resources Research, Development and Extension Consortium’s (STAARRDEC) 32nd Regional Symposium on Research, Development and Extension Highlights (RSRDEH) at Balar Events Place, Balaring, Boac, Marinduque last October 10 – 11.

With the theme “Science, Technology and Innovation: Enabling Commercialization and Global Competitiveness”, the symposium was graced by Ms.

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Getting to KNOW...

REYNANTE P. PERLADO

Mr. Reynante “ANTE” Perlado is currently assigned at the National Coffee Research, Development and Extension Center (NCRDEC). He started working as utility worker on contractual basis at the University in January 1995. He was promoted as Laborer I on temporary status in January 2004 and became a permanent employee in 2005. He has been working with the University for 24 years.



Mr. Perlado was born in Alulod, Indang, Cavite on July 17, 1969. He obtained his elementary and secondary education at Alulod Elementary School and Saint Gregory Academy, respectively.

He is now 50 years old, married to Juvy P. Perlado who is a teacher in Silang, Cavite. He has two children, Melfominie and Marc Joseph. Presently, his family resides at Radar Facility Ville, Tagaytay City.

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 joins PASUC seminar

Dr. Yolanda A. Ilagan, Director for Research, Dr. Ma. Fatima I. Cruzada, Director for Knowledge Management, and Engr. Sheryl D. Fenol, Manager of Knowledge and Technology Transfer Office (KTTO) participated in a three-day seminar/symposium titled, “Building SUC’s Innovation Ecosystem Seminar” at New World Manila Bay Hotel, Malate, Manila last October 22-24. The seminar/workshop was conducted by the Philippine Association of State Universities and Colleges (PASUC) headed by its president, Dr. Tirso A. Ronquillo. On Day 1, Dr. Ronquillo discussed the platform for innovating SUCs for Industry 4.0 while Dr. Luis G. Sison of UP Diliman discussed innovation mind setting and Technopreneurship 101 and how the said subjects are offered to engineering students. On Day 2, Mr. Jones M. Castro, the executive vice chairman of Philippine Development Foundation (PhilDev) discussed the innovation for social impact partnership, Usec. Rosemarie G. Edillon of National Economic and Development Authority (NEDA) discussed the Philippine Innovation Act, while some SUCs shared their Best Practices on research-based extension services. Also, Ms. Marietta Esperanza P. Cruz, Director of KTTO of Mindanao State University – Iligan Institute of Technology (MSU-IIT) shared how they institutionalized their technology transfer, and Engr. Albertson D. Amante, VP for Research, Development, and Extension Services of Batangas State University (BatSU) shared how they set-up their Technology Business Incubator. Innovation Diagnostics Workshop took place on Day 3. (SDFenol)



Seminar participants from CvSU

CAS-DBS bags awards ... (from page 1)



Professors Dimero, Bono and Digma receiving their best paper awards with Dr. Escobar, STAARRDEC Consortium Director

Cherrie D. Atilano, President, CEO and Founding Farmer of AGREA Farm School, and United Nations’ Scaling Up Nutrition (SUN) Movement Ambassador, the keynote speaker. Ms. Atilano encouraged the researchers to extend research results for the benefit of the community and to address poverty and food security. During the opening program, Dr. Hernando D. Robles, CvSU President, gave his message as the new RRDCC Chair of STAARRDEC. During the poster viewing, Ms. Atilano expressed her interest in visiting CvSU to Dr. Robles for possible collaboration.

Professors Bono and Dimero presented a paper and poster titled “Community Adoption and Strengthening of the CvSU Bee Program (CAS Bee)” for the extension category while Prof. Digma presented his paper and poster titled “Biological Control Activity of *Toxorhynchites splendens* (Diptera: Culicidae) Against Mosquito Vectors in Selected Areas of Cavite” for the research category.

During the closing program, The “Best Extension Paper” 1st Place was awarded to Profs. Bono and Dimero and the “Best Research Paper” 2nd Place was awarded to Prof. Digma. After the awarding of winners, Dr. Marilyn M. Escobar, Consortium Director of STAARRDEC, gave her closing remarks. Other participating HEIs and government agencies include Marinduque State College (symposium host), University of Rizal System (URS), Southern Luzon State University (SLSU), Forest Products Research and Development Institute, and Bureau of Plant Industry – Los Baños National Crops Research, Development and Production Support Center (BPI-LBNCRDPSC), and Agricultural Training Institute IV-A (ATI IV-A). (DNDimero)

Makapuno RDE Center ... (from page 1)

Aside from technology-aided production through tissue culture laboratories, the said Center also aims to meet the growing demands for *makapuno* by developing innovative *makapuno* products, both food and non-food.

Representatives from DOST-CALABARZON, Philippine Coconut Authority, Philippine Coconut Research and Development Foundation, Inc., Department of Trade and Industry IV-A, Department of Agriculture Regional Field Office IVA, LGU-Alabat and Southern Luzon State University signified commitment to support the establishment of the said *Makapuno* RDE Center. They pledged to: **MA**ke meaningful partnerships between academe and industry; **CA**re for the future of *makapuno* farmers and other stakeholders; **PU**t their hearts in the conduct of relevant RDE activities; and **NO**urish the *makapuno* industry towards sustainable development and increased global impact.

Meanwhile, Dr. Alexander D. Madrigal, Regional Director of DOST-CALABARZON, has been very supportive in pushing forward all programs relevant to uplifting the *makapuno* industry evident in other *makapuno*-related initiatives in the region. (LAAOrsal)



Dr. Madrigal signing the Pledge of Commitment for the Makapuno RDE Center

Bahia presents paper at DPGAA Biennial Convention 2019

Dr. Rezin C. Bahia, faculty member of the College of Veterinary Medicine and Biomedical Sciences, presented his paper titled, “Rectal Temperature and Scrotal Surface Temperature Difference and Semen Quality of Stressed Murrah Buffalo Bulls Subjected to Fan and Sprinkler Cooling”, during the DOST-PCAARRD Graduate Alumni Association Inc. (DPGAA) Biennial Convention held last October 22-23 at Central Luzon State University, Science City of Muñoz, Nueva Ecija.

Themed, “Innovate AANR Solutions Amidst Fourth Industrial Revolution”, the two-day event gave the participants an opportunity to hear insights and ideas from distinguished keynote and plenary speakers as they discussed the situation, as well as the issues and opportunities of the agriculture, aquatic and natural resources (AANR) sector amid the 4IR. Hon. Fortunato T. dela Peña, DOST Secretary, served as the keynote speaker, while Dr. Leocadio S. Sebastian, Regional Program Leader on Climate Change, Agriculture and Food Security, Dr. Arnel N. del Bario, the executive director of DA-Philippine Carabao Center, Mr. Philip L. Ong, president of Santeh Feeds Corporation, and Dr. Ramon A. Razal, president of the National Research Council of the Philippines, served as plenary speakers. Further, DOST and PCAARRD scholar graduates showcased relevant outputs of their researches. In its Fellowship Night, the Association honored the outstanding alumni in the fields of research and development, technology dissemination and utilization, and administration.

Fourth Industrial Revolution, also known as Industry 4.0 or 4IR, is a period driven by the unprecedented development of digital, biological, and physical technologies with great converging applications. Industry 4.0 is believed to blur



Dr. Bahia while receiving his certificate of appreciation from DOST-PCAARRD Graduate Alumni Association, Inc.

the boundaries between the physical, digital, and biological spheres, and is set to transform social, economic, and environmental development on a global scale. (AWAAIvarez)

SPRINT conducts skills training on kaong sap tapping, vinegar processing

The Sugar Palm Research, Information and Trade (SPRINT) Center in partnership with Extension Services (ES), College of Agriculture, Food Environment and Natural Resources (CAFENR), and Knowledge Management Center’s Knowledge and Technology Transfer Office (KMC-KTTO) conducted skills training on kaong sap tapping and vinegar processing on October 9, 2019 at the Training Hall, Agri-Ecotourism Park Main Building, Cavite State University, Indang, Cavite. It was attended by ten (10) members of Magallanes Women’s Club Cooperative (MAWCO).

Engr. Arturo C. Eraña, SPRINT in-charge, Dr. Analita dM. Magsino, CAFENR Dean and Dr. Lilibeth P. Novicio, ES Director, gave their welcome messages during the opening program.

In the training, For. Junser P. Magpantay, instructor from the Department of Forestry and Environmental Science (DFES)

of CAFENR, served as resource person. He discussed the characteristics of *kaong* and its ecological and economic importance. Afterwards, a field demonstration of *kaong* sap tapping was facilitated by Mr. Joel M. Astudillo, farm worker of SPRINT. They were also given a chance to visit the vinegar section of the Center wherein the process of Severino’s Kaong Vinegar Production was discussed.

MAWCO in Magallanes, Cavite is a cooperative for women that exert effort to sustain enterprising activities and livelihood projects to benefit its members. Their community-based livelihood programs also ensured a profitable harvest for local farmers. Their main product is the “Muscovado Sugar de Magallanes”, their very own brand of Cavite’s muscovado sugar which is a medium glycemic index sugar made from the juice of organically grown sugar cane in Magallanes, Cavite. (JLBHerrera)



For. Magpantay discussing the characteristics of kaong and its ecological and economic importance (left), sap tapping demonstration (middle) and vinegar processing discussion (right) to the members of MAWCO.

CvSU-Gentri faculty present papers in national confab

Ms. Louziela P. Masana and Mr. Victoriano P. Barliso, Jr., faculty members from Cavite State University-General Trias City Campus, presented their papers at the LIRIP 3: *Pambansang Komperensiya sa Filipino* organized by the Lumina Foundation



Ms. Masana and Mr. Barliso receiving their certificates of recognition for presenting their research papers

for Integral Human Development (LFIHD) and Network of Professional Educators and Researchers (NPRE) in Hennan Regency Resort & Spa, Boracay, Aklan last October 26-29.

The four-day conference with the theme, "*Filipino: Daluyan ng Kamalayan at Kaalamang Pangkasarian*", aimed to provide a platform for faculty, practitioners, researchers and scholars from various fields to discuss pressing issues, and encouraged article publication among its participants. Different institutions from all over the country participated in the said conference.

Ms. Masana presented her paper titled "*Pagbuo ng Sikolohiyang Modelo tungkol sa Non-Suicidal Self-Injury sa Kontekstong Filipino*", while Mr. Barliso presented his paper titled "*Debelopment ng Paradigmang TPACK sa mga Kursong Pagtuturo ng Propesiyonal na Edukasyon*". Both presented the first part of their studies and gained relevant inputs and recommendations for the improvement of their papers.

With its esteemed resource speaker, Dr. Jake M. Laguardor, the Director for Center of Research, Innovation and Management of Lyceum of the Philippines-Batangas and Editor of Asia Pacific of Multidisciplinary Research, the said conference served as instrument for participants to get motivated to publish their research works. (LPMasana)

CvSU–SC conducts research proposal presentation

Cavite State University – Silang campus conducted a research proposal presentation last October 3 initiated by the Campus Administration together with the Research and Development Unit headed by Mr. Cereneo S. Santiago, Jr.

A total of ten (10) research studies and two (2) research projects were presented. Studies presented were from the Departments of Information Technology, Teacher Education, Arts and Sciences and two (2) projects from the Departments of Management and Arts and Sciences. The panel of evaluators consisted of the members of the Campus Research Council,



The faculty of CvSU-SC during the research proposal presentation



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headed by Dr. Ammie P. Ferrer, and members namely: Mr. Cereneo S. Santiago, Jr., Dr. Roselyn A. Ymana, Ms. Hazelyn H. Dela Cruz, Ms. Haziel T. Alvarez and Mr. Brylle D. Samson. The proponents of the two (2) research projects were advised to submit their paper to the University Research Center for funding due to its budget requirement. The ten (10) research studies were subjected to the Campus Research Council review and approval for funding under the Faculty Research Grant.

Through this activity, faculty members are encouraged to engage in research and development endeavors that will generate new knowledge and information and contribute to the development of local and appropriated technologies with socio-economic benefits.

This also gives an opportunity for faculty members to present research projects and studies aligned to the vision and mission of the University. As an outcome of the activity, the Campus would increase its research outputs conducted by the faculty and will contribute to the University's target on completed and/or published researches. (CSSantiago)

CvSU participates in GIS and RS training for SEAMS

For. Junser P. Magpantay, instructor from the Department of Forestry and Environmental Science (DFES) of the College of Agriculture, Food, Environment and Natural Resources (CAFENR), Mr. Kris Rowell S. Garcia, research assistant at the Office of the Vice President for Research and Extension (OVPRE), and Mr. Jhon Laurence B. Herrera, administrative assistant of Sugar Palm Research, Information and Trade (SPRINT) Center participated in the training on the use of Geographic Information System (GIS) and Remote Sensing (RS) for SARAI Enhanced Agricultural Monitoring System (SEAMS) on October 21-25, 2019 at the University of the Philippines, Los Baños (UPLB), Laguna.

The training was hosted by the University of the Philippines Los Baños (UPLB) in partnership with the Department of Science and Technology (DOST) and the Philippine Council for Agriculture, Aquatic and Natural Resources Research and Development (PCAARRD) through its collaborative Project Smarter Approaches to Reinvigorate Agriculture as an Industry in the Philippines (Project SARAI).

The highlights of the five-day training include the application of GIS in monitoring on a near-real-time basis of the actual area of a crop planted and its condition based on free and daily update satellite images through SEAMS (JLBHerrera).



Participants during the training on using GIS and RS for SEAMS



Project SARAI team and participants take a pose during the training

Silang Campus-DAS conducts peer counselors' training

The extension unit of Silang Campus - Department of Arts and Sciences conducted a Peer Counselors' Training last November 6 and 7 at Brgy. Lalaan I, Silang, Cavite. This is the second component of their extension project titled "Psychological Wellness Program (PWP)", with a series of seminar to enhance psychological well-being as the first component.

The main objective of the training program is to produce trained and equipped community peer counselors that will respond immediately to the mental health needs and different cases experienced in the barangay. Specifically, it aimed to identify the common counseling practices, demonstrate several counseling skills, and apply these skills in actual cases encountered.

This was participated in by 12 barangay officials, represented by barangay health workers, Women's Desk, barangay councilors and secretary who are typically handling various concerns of the barangay.

On the first day of the training, the extensionists and some barangay officials had a case consultation, where they determined the common problems experienced by the members of the community. In addition, their previous counseling practices were also identified that served as basis for enhancement. The second day highlighted the discussion and illustration of the basic counseling skills a peer counselor should possess. It was facilitated by Ms. Kathleen Kris D. Cortez, a registered psychometrician and psychologist; Mr. Joseph S. Callanta, the campus Guidance Counselor who are both faculty members from the Department of Arts and Sciences; and some psychology students of Silang Campus. Moreover, the participants had a return demonstration and



Peer Counselors' Training Day 1 during case consultation with some barangay officials of Barangay Lalaan Uno, Silang, Cavite

RESEARCH CENTER

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Faculty Members and thesis advisers with relevant research projects properly reviewed and duly endorsed by their College/Campus Research Units

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Please check the CvSU website for the approved format of research proposals

(<https://cvsu.edu.ph/downloadable-forms>)

For inquiries, contact the Research Center

CAS-DSSH holds capability training for relevant and responsive research

In response to the challenge of making research a lifestyle, the Department of Social Sciences and Humanities (DSSH) of the College of Arts and Sciences (CAS) conducted a seminar-training titled, “Capability Training for Relevant and Responsive Research in Political Science, Psychology, Social Work, and Social Science” at the CAS AVR last October 30. The activity aimed for faculty members from the four disciplines to have common knowledge, reference, and format in using qualitative research designs despite diversity of specializations. Also, it was designed to orient and reorient faculty members on their roles in the research papers of undergraduate students.

The said seminar targeted thesis advisers (TA) and technical critics (TC) involved in the undergraduate programs under DSSH as participants. Ms. Armi Grace B. Desingañ, DSSH chairperson, spearheaded the event together with Ms. Mary Jane A. Amparo, Ms. Imelda R. Filart, Ms. Marichu T. Benavides, program research coordinators of Psychology, Social Work, and Political Science, respectively. It was also made possible with the joint efforts of Mr. Renato T. Agdalpen and Ms. Merlie C. Nahilat, Political Science and Social Work program heads, respectively, and Mr. Robert M. Nova, section head of Social Science General Education.

Silang Campus-DAS conducts ... *(from page 5)*

case presentation of appropriate counseling skills in certain situations.

The training ended with an enormous amount of gratitude from the participants. They were able to identify improper practices they did before and were able to determine the suitable skills they should manifest. They are looking forward to extend, provide, and apply the basic counseling needed by the members of their barangay. *(CMPBayhon)*



CAS faculty participants after the seminar



The CAS-DSSH faculty as they received certificates of appreciation as resource persons

DSSH comprises of 73 faculty members, some of whom have knowledge and expertise in different social science researches and served as resource persons during the seminar. Ms. Nahilat discussed the terms of references for thesis advisers, technical critics and panel evaluators and the use of case study as a research method. Meanwhile, Mr. Agdalpen talked about the essentials in writing an undergraduate thesis. Mr. Joven E. Dicen, Ms. Benavides, and Ms. Amparo also shared their knowledge on the use of phenomenology, ethnography, and narrative designs. Ms. Arvie Grace B. Masibag, the college research coordinator, was also invited to reorient the attendees on the research thrusts of the college and the University.

A total of 60 DSSH faculty members attended the whole day event. Mr. Rudy Bhone R. De Lara and Ms. Giselle Mae M. Garcia served as program hosts. *(ARMAndalajao)*

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