



UN WFP, IIRR Myanmar visit NCRDEC

Mr. Phouttha Khamphanthong, Head Field Officer and Mr. Sorraphong Pasomsouk, Program Policy Officer of the UN World Food Programme of Lao People’s Democratic Republic (Lao PDR) together with Ms. Joanna Calusag, Program Coordinator, Mr. Joselito Ramos, Farm Officer of the International Institute of Rural Reconstruction (IIRR) Philippine Program and Mr. Chane Myae, Project Coordinator of IIRR-Myanmar, visited the National Coffee Research, Development and Extension Center (NCRDEC) facilities and benchmarked on its research and extension activities last July 16.

During the visit, Engr. Gerry M. Castillo, Director of the NCRDEC presented the research and extension breakthroughs of the center. A possible research cum extension collaboration between the IIRR and NCRDEC on climate change adaptation for coffee production in General Emilio Aguinaldo (Bailen), Cavite was also discussed during the visit.



Visitors from UN WFP and IIRR together with the NCRDEC staff

IIRR, an international non-government organization will soon be a partner of the NCRDEC in promoting a sustainable and profitable coffee production in the country (AEL Torres).

CvSU Bee Program attends 25th BEENET confab, techno-fora

The CvSU Bee Program participated in the 25th BEENET Conference and Techno-fora held last July 24 – 26 at Lima Park Hotel, Malvar, Batangas, with the theme, “The Philippine Bee Industry: Looking Back, Moving Forward”.

With its Regional Director Arnel V. de Mesa as guest speaker, the Department of Agriculture Region IV-A CALABARZON was the major sponsor in the said event. The Bureau of Animal Industry (BAI) shared ideas to the beekeepers, farmers, and other participants particularly on beekeeping in livestock industry, BAI beekeeping program,

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Because feedbacks matter

OVPRE conducts weekly Kumustahan

In addition to the client satisfaction forms, the Office of the Vice President for Research and Extension (OVPRE) conducts weekly meetings of selected R and E employees dubbed as “Kumustahan” as its new feedback and monitoring and evaluation mechanism.

The activity employs *pakikipagkuwentuhan*, a method of data gathering in Filipino psychology building upon sharing of stories and narratives of the everyday life of the people involved which are essential inputs in enhancing the work conditions of employees. In addition, such feedbacks can also be of help in improving the R and E support of the office to other sectors of the community.

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GETTING TO KNOW...

DANILO H. MOJICA

Mr. Danilo “Danny” H. Mojica, School Farm Demonstrator assigned at the Central Experiment Station (CES) of the Research Center, is a graduate of Bachelor of Science in Agriculture from Don Severino Agricultural College (DSAC) in 1991 and Master in Agriculture in 2004 at Cavite State University.

He worked as a Research Aide in a project under Dr. Lorenzo C. Lapitan, Jr. from April 1999-December 2002 on a job order basis. He became a contractual employee as Clerk 1 at the Research Center in 2005-2006 and a substitute instructor for



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ACDI/VOCA collabs with NCRDEC for PhilCAFE project

In preparation for the full implementation of the Philippine Coffee Advancement and Farm Enterprise (PhilCAFE) project of the US-based Agricultural Cooperative Development International and Volunteers in Overseas Cooperative Assistance (ACDI/VOCA) in which the NCRDEC will serve as one of its collaborators, Ms. Emilia Umaña, Agronomist and Nursery Specialist of the World Coffee Research and Mr. Ludovico Ramirez Jr., staff of ACDI/VOCA PhilCAFE project, visited the NCRDEC last July 5. They were toured at the NCRDEC coffee seedling nurseries and benchmarked on its research and development initiatives. Moreover, a gender study



Dr. Miriam Baltazar and Ms. Jermaine Fabella with visitors from World Coffee Research



NCRDEC staff together with the PhilCAFE project representatives

and assessment was conducted last July 31 led by Ms. Lydia Mbevi, ACDI/VOCA's Regional Director for Gender and Youth together with the PhilCAFE project's staff, Ms. Donnabelle Celebrado and Ms. Melissa Alado.

PhilCAFE project is a capstone investment in the coffee sector funded by the US Department of Agriculture which primarily aims to leverage the private and public capital to put the National Coffee Roadmap into action and to empower key coffee players to support the sustained development of the Philippine coffee sector. (AELTorres)

CvSU Bee Program attends ... (from page 1)

quarantine and importation of bees, and diagnosing pests and diseases. Plenary and scientific sessions, business and regional meetings (focusing on the present status, problems, issues and possible solutions in the beekeeping industry), conference tour, exhibits of bee products, bee glove and best tasting honey contest were some of the activities during the three-day conference.

Two student researches titled, "Antifungal Properties of Stingless Bee Propolis Extract and the Formulated Hand Soap of the CvSU Bee Program" by Hannah Fae I. Rotairo, and "Antibacterial Activity of Coffee-based Beverage Supplemented with Lemongrass and Honey" by Janwyndell Stephen M. Bugarin, were presented with their thesis adviser, Prof. Michele T. Bono. Likewise, Prof. Dickson N. Dimero presented an extension paper titled, "Community Adoption and Strengthening

of the CvSU Bee Program (CAS Bee)".

During the closing ceremony, the Beekeepers' Network Philippines Foundation Inc. (BEENET) awarded a certificate of recognition to the CvSU Bee Program for extending and promoting beekeeping in the province of Cavite, and for the efforts in supporting the beekeeping industry. Further, the CvSU's stingless bee honey won first place for the "Best Tasting Honey" (stingless bee category) contest which was participated in by beekeepers in the Philippines. (MTBono)



Prof. Dickson Dimero presenting CAS Bee extension paper



Prof. Michele Bono receiving the award for the Best Tasting Stingless Bee Honey and certificate of recognition for the CvSU Bee Program's support in extending beekeeping activities in Cavite

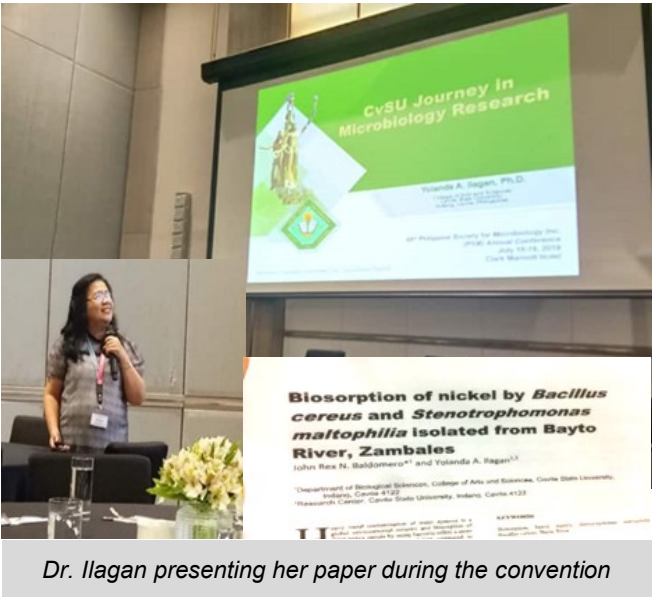


The participants from CvSU during the 25th BEENET Conference and Tecno-fora

Ilagan, Dela Cruz attend 48th PSM annual convention and scientific meeting

Dr. Yolanda A. Ilagan and Dr. Ma. Cynthia R. Dela Cruz, Director for Research and Imus Campus Administrator, respectively, attended the 48th Annual Convention and Scientific Meeting of the Philippine Society for Microbiology, Inc. (PSM) held at the Clark Marriott Hotel, Mabalacat, Pampanga on July 18-19, with the theme, “Promoting One Health through Microbiology Education, Research and Practice”.

The convention aimed to gather microbiologists and microbiology enthusiasts in an esteemed conference. Dr. Dela Cruz, being a PSM officer, served as a moderator in one of the sessions, while Dr. Ilagan presented the paper titled, “The CvSU Journey in Microbiology Research” in the Director’s Cut Institutional Researches in Microbiology. Highlights of the convention include plenary sessions, oral and poster presentations (professional and non-professional category), best paper competition, giving of awards, lecture of outstanding microbiologists and the launching of Philippine Science Lecture Special Issue on Microbiology where Dr. Ilagan co-authored a paper in that issue. (BCMMorelos)



Dr. Ilagan presenting her paper during the convention

CvSU-Cavite City conducts CORD seminar-workshop series

The Extension Services of CvSU Cavite City campus started its extension activities for the fisherfolks of Barangay 61–A Talong, Cavite City last June 26 under the banner program, “Community Outreach, Research and Development (CORD).

An opening program took place at the Barangay Multi-purpose Hall which was attended by the beneficiaries, faculty extensionists, students, alumni, resource speakers, barangay officials, and other distinguished personalities. Prof. Maria Cristina J. Baesa, the campus administrator, welcomed the participants while Ms. Emeriza S. Caparaz, the campus extension coordinator, served as the host.

Seminar on Effective Parenting followed immediately after the program with Mr. Jeremias L. Jangad, Department of Arts

and Sciences (DAS) chairperson, as lecturer. He stressed the importance of formative communication with children over corrective one. On Day 2, seminars on computer system application and Netiquette 101 were conducted with Ms. Alma De Fiesta, Department of Information Technology (DIT) chairperson and Mr. Louigi Arayata, DIT faculty member as resource speakers, respectively. Participants include barangay officials and SK councilors. On Day 3, the Business Management Unit facilitated the seminar on financial literacy, household economics, and business concepts with Mr. Marc Alfred C. San Pedro, Mr. Frinze Al Bernal, and Ms. Maria Ciella S. Buena as respective speakers. The day’s session culminated with a lecture on gender sensitivity from Mr. King David J. Agreda, and on anti-violence against women and children (VAWC) from Mr. Victoriano Rodil.



CvSU Cavite City faculty members, students and alumni together with Barangay 61-A Talong officials

The last day of the seminar series was initially focused on teaching 40 kids with basic sight words and polite greetings using a talking electronic pen learning kit. This was facilitated by the campus administrator, Prof. Maria Cristina J. Baesa. The rest of the activity was a workshop series on food safety, hygiene and sanitation, food flow and Hazard Analysis Critical Control Point (HACCP). This was led by faculty members of the Hotel and Restaurant Management (HRM) Department, particularly Mr. Seuz Rey R. Cantela and Ms. Emeriza S. Caparaz. (ESCaparaz)

OVPRE conducts ... (from page 1)

Implications of the data gathered through *Kumustahan* will be used as basis to address issues and concerns of the stakeholders and to assess the day-to-day R and E operations which could lead to the development of an inclusive management plan for the office and its units.

The said *Kumustahan* is part of OVPRE’S Project REACH (Responsive, Engaging and Accessible Communication Highway) which aims to enhance operations with consideration to an efficient feedback mechanism that involves the satisfaction of all stakeholders. The first session was held last July 29 with 15 participants from the different units of OVPRE in attendance. (LAAOrsal)

Getting to KNOW ... (from page 1)

Dr. Miriam D. Baltazar from 2007-2009. He was promoted to permanent status as Science Research Assistant (SRA) in 2010 and got his current position in 2016. He also serves as resource person/trainor on banana tissue-cultured *lakatan* production and nursery management.

Mr. Mojica is 51 years old, born on April 13, 1968 in Indang, Cavite. Currently, his family resides in Poblacion 1, Indang, Cavite. He is married to Marjo P. Mojica, a government employee at the Office of the Provincial Veterinarian and has three children, Dan Kevin, Daeniel Zarene, and Dan Nico.

CEIT conducts consultative meetings with Brgy. Alulod officials

To effectively implement various community activities, trainings and technical services, the College of Engineering and Information Technology (CEIT) continued its partnership with Brgy. Alulod, Indang, Cavite through its extension program, "CEIT Ugnayan 2.0: Kaalaman, Kabuhayan at Kapaligiran sa Barangay". Two consultative meetings with the local government unit officials were conducted last July 10 and July 15 to present the approved extension programs and come up with strategies and mechanisms for effective implementation. The programs were identified based on the results of Community Needs Assessment (CNA) in October 2018. The first meeting was held at the CEIT Accreditation Room spearheaded by Prof. Charlotte B. Carandang, the College Extension Coordinator.

The College Research and Extension Monitoring Coordinator, Prof. Gladys G. Perey, together with the department extension coordinators, program coordinators, and student representatives, attended the second meeting at Alulod Barangay Hall. Brgy. Captain Marlito A. Penus and councilors graced the three-hour discussion. Each of the representatives from the 13 curricular programs of the College presented the specific activities to confirm if these match the needs of the

residents. Expertise in the field of engineering, architecture, industrial technology, information technology, productivity improvement, environment conservation, and related agricultural practices will be offered to the community. (CBCarandang and VGCoronado)



CEIT extension program consultative meetings with barangay officials of Alulod, Indang, Cavite



CEIT extension team with barangay officials of Alulod, Indang, Cavite

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INNOVATIVE Fructan PRODUCTION TECHNOLOGY


Cavite State University, Don Severino delas Alas Campus Indang Cavite

The Problem

Fructans are functional food ingredients, a low glycemic index natural sweetener, and has bifidogenic properties that can prevent colon cancer. Many processes are being used to produce such product, but most of them require tedious steps on production, and/or cost-ineffective.

Our Solution

Utilization of locally isolated black molds proves an innovative way of producing fructans with simple yet cost-effective set of procedures. Using the technology, fructan yield amounting to 562.41 mg/L in Muscovado solution & 144 mg/L in sugarcane juice after 24 hours can be derived.

The Inventor

DR. HOSEA L. MATEL
College of Arts and Sciences (CAS)
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- Fructan is both a dietary fiber and a prebiotic compound
- It promotes the growth of beneficial bacteria in the colon
- It has less than one third the calories of sugar.
- It has zero glycemic index and is suitable for diabetics.

- Fructan boost mineral absorption
- improve the blood lipid composition
- reduce high levels of triglycerides
- can control cancer insurgence

- Addition of fructan in various baked products enhances softness and color, and also imparts textural improvement

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It is projected that global Fructan market size will increase to Million US\$ by 2025, (<https://www.bigmarketresearch.com>)

CVSU is now looking for possible licensee for our Fructan Production Technology

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