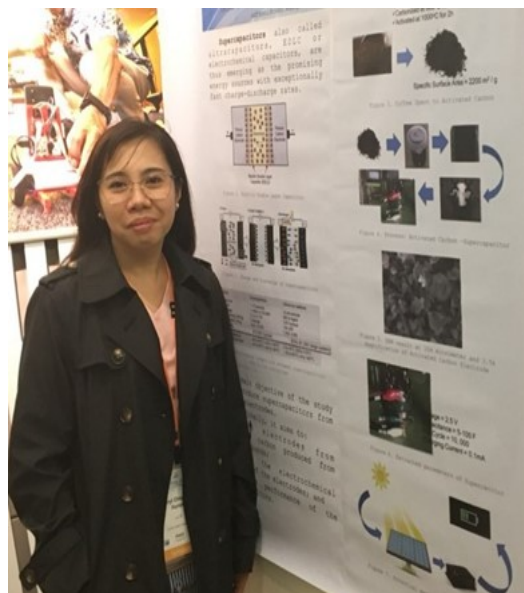




## Fenol represents PH at 11<sup>th</sup> HOPE Meeting in Japan

Engr. Sheryl Dinglasan Fenol, a designated faculty researcher and manager of Knowledge and Technology Transfer Office (KTTO), was one of the two representatives from the Philippines in the 11<sup>th</sup> HOPE Meeting with Nobel Laureates in Okinawa, Japan from March 4-8, 2019. HOPE meetings give opportunities for excellent doctoral students and young researchers selected from countries in Asia Pacific regions to engage in interdisciplinary discussions with Nobel Laureates and other distinguished scientists. Engr. Fenol joined the dialogue with distinguished scientists pioneering the frontiers of knowledge, shared and exchanged ideas with other participants.

One highlight of this year's program was a poster presentation where participants had a chance to showcase their researches and be asked by Nobel Laureates and other participants. This activity also gave the participants to find possible research collaborations in the future. Engr. Fenol's entry for the poster presentation was her dissertation titled, "Electrode Supercapacitors from Coffee Grounds Activated Carbon". A cultural program featuring Okinawa gave the participants time to relax, enjoy and understand Okinawan culture. Participants led by Engr. Fenol's team also had their



(continue on page 5)

Engr. Fenol during the poster presentation

## RC holds this year's 1<sup>st</sup> proposal defense

The Research Center (RC) successfully conducted its first research proposal defense for 2019 last April 11 at Hostel Tropicana and STAARRDEC Conference Room.

This activity was intended for faculty members to present their research and development proposals for review and possible funding support under the CvSU Research Grant (CRG) and Faculty and Students Research Capability Enhancement Fund (FSRCEF).

(continue on page 2)

## GETTING TO KNOW...

### MR. NORMELITO M. PERLADO

Mr. Normelito "Nori" Mojica Perlado was born on January 2, 1960 in Indang, Cavite. He is the husband of *Nanay* Elvie Perlado who is also an employee of the University, and a father of 5.

He started as an emergency laborer in 1976 and became a permanent employee as laborer before he became a farm worker in 1990. At present, he is assigned at the National Coffee Research Development and Extension Center (NCRDEC) where he maintains the coffee field genebank.

He has already devoted 43 years working at Cavite State University.

Attended by students in Local and Oral History, the event was conducted in celebration

(continue on page 2)



## Ramos speaks at CLSU

Prof. Gil D. Ramos, the current Faculty Regent and a professor of history at the College of Arts and Sciences-Department of Social Sciences and Humanities (CAS-DSSH), served as a resource speaker at a lecture-discussion on March 21, 2019 sponsored by the Center for Central Luzon Studies (CCLS) of Central Luzon State University (CLSU), Muñoz City, Nueva Ecija.

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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.

## RC welcomes newly designated faculty researchers

In support to the CvSU's target of becoming a Research University by 2020, the Research Center (RC) recently designates new faculty researchers (FRs) who are expected to engage in significant and innovative research activities. They are Ms. Sheryl N. Sierra of the Knowledge Management Center (KMC) and College of Agriculture, Food, Environment and Natural Resources (CAFENR), Mr. Glenn Bryan Creencia of CAFENR, Mr. Zandro Catacutan and Dr. Gilchor Cubillo of the College of Economics, Management and Development Studies (CEMDS), Engr. Gee Jay Bartolome of CvSU-Rosario Campus, Mr. Ace Amiel Malicsi of the College of Engineering and Information Technology (CEIT), Dr. Susan G. Tan of the College of Criminal Justice (CCJ), and Dr. Rhodora S. Crizaldo of the College of Education (CEd).

These faculty members have been designated in recognition of their research and publication merits, and in addition to the existing pool of faculty researchers in the following clusters of disciplines:

### Social Sciences

- Dr. Isaias A. Banaag (CEd)
- Dr. Agnes C. Francisco (CAS)
- Dr. Renato N. Pelorina (CAS)

### Ramos speaks ...

(from page 1)

of the sesquicentennial birth anniversary of General Emilio F. Aguinaldo with Prof. Ramos' paper on, "Sa Iyo ang Tondo, Akin ang Kabite: Si Heneral Emilio Aguinaldo, ang Kanyang Buhay, Politika at Kontrobersiya sa Loob ng Nagdaang 150 Kaarawan, 1869-1964". This provided the participants some historical facts about the works of General Miong and controversies surrounding his being once a prominent figure in the history of the Philippines.

Other faculty members from CAS-DSSH who attended the lecture were Prof. Renato Agdalpen and Mr. Robert Nova. Dr. Tereso A. Abella, the president of CLSU and Dr. Jay Villafria, Jr, the director of CCLS warmly welcomed Prof. Ramos and his colleagues. (JAFrancisco)



Prof. Gil Ramos during the lecture-discussion

### Agriculture & Related Sciences

- Dr. Hosea dL. Matel (CA)
- Dr. Yolanda A. Ilagan (CAS)
- Dr. Agnes B. Alimboyoguen (CAS)
- Dr. Mariedel L. Autriz (CAFENR)
- Dr. Evelyn O. Singson (CAFENR)
- Dr. Ma. Fatima I. Cruzada (CAS)
- Dr. Ma. Cynthia R. Dela Cruz (CVMBS)
- Dr. Teddy F. Tepora (CAFENR)
- Prof. Noel A. Sedigo (CAFENR)
- Dr. Miriam D. Baltazar (CAS)

### Engineering & ICT

- Engr. Sheryl D. Fenol (CEIT)

As faculty researchers, they are expected to submit proposals for funding by the University or external funding agencies, submit quarterly progress and terminal reports of approved proposals on time, submit for publication in ISI or refereed journals within six months after the completion of the approved research, participate in major activities called for by the Research Center, participate in the CvSU Research Seminar Series or in other for a as resource persons in their field of expertise, and help formulate policies and guidelines relevant to research. (SBdelMundo)

### RC holds this year's ...

(from page 1)

The program was highlighted by the welcome remarks of Dr. Yolanda A. Ilagan, the director for Research, and inspiring message of Dr. Ruel M. Mojica, Vice-President for Research & Extension. Dr. Hosea dL. Matel introduced the panel of evaluators while Dr. Agnes B. Alimboyoguen gave the overview of the activity as well as the mechanics of presentation. Dr. Agnes C. Francisco served as the person-in-charge of the ceremony.

The event was participated in by deans, directors and faculty members from the different colleges and campuses of the university.

(continue on page 3)



Faculty members presenting their proposals during the event



## CAFENR conducts SMART-AGRI

The College of Agriculture, Food, Environment and Natural Resources (CAFENR), through the Department of Crop Science and fourth year BS Agriculture students, held an undergraduate seminar titled “SMART-AGRI: A seminar on Smart Agricultural Technologies”, on April 25, 2019. This aimed to provide students technical know-how on smart agriculture technologies and to increase their understanding on the current status of smart farming in the Philippines.

Dr. Ruel M. Mojica, the Vice President for Research and Extension, served as one of the resource speakers. He discussed the status of smart farming in the Philippines as well as the use and importance of modern machineries and facilities



*Dr. Ruel M. Mojica (left) sharing his knowledge on Smart Farming, Engr. Eligio C. Borres, Jr. (center) discussing sensors and microcontroller-based platforms, and Engr. Kevin P. Titiwa (right) delivering his lecture on Smart Irrigation System*



*The participants of the seminar on SMART-AGRI*

to improve yield and quality of crops. Engr. Kevin P. Titiwa, a professor at the Department of Agriculture and Food Engineering (DAFE), discussed the topic on Smart Irrigation System and common types of irrigation methods used in agriculture. Meanwhile, Engr. Eligio C. Borres, Jr., the chairperson of DAFE, talked on sensors and microcontroller-based platforms.

The seminar commenced with a warm welcome message from Dr. Analita M. Magsino, the college dean, and ended with a wrap-up remark from Dr. Adelaida E. Sangalang, the chairperson of the Department of Crop Science. (APDaria)

## RC holds this year's ...

*(from page 2)*

Prior to the said event, more than 70 research proposals were submitted for evaluation. However, only 37 proposals were presented, 18 of which were from the Social Sciences Cluster, 15 for Agriculture and related sciences, and 8 for Engineering.

Evaluators for Social Sciences category were Dr. Manuel G. Camarse and Dr. Henry Bernardo of De La Salle University (DLSU) Dasmariñas, and Dr. Gilchor P. Cubillo of Cavite State University (CvSU). For Agriculture and other Sciences, evaluators include Dr. Shirley Cabrera of Batangas State University (BatSU), Ms. Maria Teresa Perez of BIOTECH, University of the Philippines Los Baños (UPLB), and Dr. Agnes B. Alimboyoguen of CvSU, while the proposals for Engineering category were evaluated by Dr. Marilyn Escobar, Engr. Sheryl D. Fenol, and Dr. Ruel M. Mojica.

After the defense, proponents are expected to do the



*The project proponents responding to the queries of the evaluators*

revision of their proposals based on the comments and suggestions given by the evaluators as well as to comply with ISO procedures before the budget for the research would be granted. (EMFidel)



*The evaluators during the research proposal defense with Dr. Yolanda Ilagan*



## CvSU conducts IP UNITE with SUCs, RDIs

In celebration of the National Intellectual Property Rights (IPR) Month 2019, the University through the initiative of its Innovations and Technology Support Office (ITSO) Manager, Dr. Teddy F. Tepora, conducted a training-workshop on intellectual property awareness dubbed as **IP-UNITE**. The training which ran from April 22 to 25, 2019 is part of the Intellectual Property Awareness Caravan and one of the major activities of Dr. Tepora's project entitled *Enhancing and Operationalizing Intellectual Property Management and Business Development Office (IPM-BDO)*. The training was made possible through the funding support from DOST-PCAARRD and the University's Extension Services Center and Knowledge Management Center. IP-UNITE, a roll out of last year's IP-IGNITE, aims at building the IP ecosystem in the Philippines. This activity was also participated by representatives from other State Universities and Colleges (SUCs) and Research and Development Institutions (RDIs) involved in the project.



The training organizers and participants of IP-UNITE

The event was attended by more than 50 participants from Cavite State University (CvSU), Benguet State University (BSU), Bicol University (BU), Central Luzon State University (CLSU), Capiz State University (CapSU), University of the Philippines Los Baños (UPLB), University of the Philippines Visayas (UPV), and Philippine Rice Research Institute (PhilRice).



Dr. Tepora presenting the rationale of the training

Dr. Ma. Fatima I. Cruzada, the director of Knowledge Management Center (KMC), welcomed the attendees while Dr. Tepora presented the rationale, benefits and expectations from the training. Resource speakers include Ms. Emeline C. Guevarra (CvSU-ITSO Technical Staff) on the basics of IP, Engr. Francis Louise C. Yap (University of Southeastern Philippines (USEP) ITSO Technical Staff) on patent searching, Mr. Andrew J. Siducon (CvSU-ITSO Technical Staff) on preparing technology disclosure, and Atty. Jerry C. Serapion (PhilRice-ITSO Manager and Registered Patent Agent) on patent/ utility model (UM) drafting.

The rest of the training highlighted the presentation of the IP draft applications of the participants. Their presented invention spotting analysis and drafted patent/UM claims of their

## RC welcomes new staff

The Research Center (RC) welcomes its new staff, Engr. Arturo A. Eraña, Engr. Rene R. Marasigan and Mr. Mark Jayvee M. Mojica.

Engr. Eraña is a certified Agricultural Engineer and a Master of Engineering graduate. He used to be the head of the demonstration project at the National Coffee Research Development and Extension Center (NCRDEC) from 2014-2017, and served as head of the Farmers Training Center and Technology Demonstration Farm (FTC-TDF), formerly SAKA, of the Extension Services Unit from 2017-2018. On the other hand, Engr. Marasigan is a Science Research Assistant (SRA) formerly assigned at NCRDEC. He was also assigned at the College of Agriculture, Food, Environment and Natural Resources (CAFENR) and the Philippine Coffee Quality Center (PCQC). Meanwhile, Mr. Mojica is a former staff of NCRDEC as SRA under the supervision of Dr. Miriam D. Baltazar on her project titled, *“Science and Technology Based Soil and Nutrient Management of Coffee in the Philippines”*.

This reassignment of staff was made based on the needs of the Research Center considering their qualifications to better deliver services to stakeholders. (RGVidon)



The resource speakers during the lecture-workshop

technologies/inventions were given feedback by the resource speakers. The event was officially ended through a closing remark from the Intellectual Property Management Division Head, Dr. Fe N. Dimero. (JPCMagnawa)



## ITSO attends IP-TBM sustainability planning-workshop

The Innovations and Technology Support Office (ITSO) staff attended the DOST-PCAARRD Technology Transfer and Promotion Division's (TTPD) First Sustainability Planning-Workshop for the two batches of the project, "Enhancing and Operationalizing Intellectual Property and Technology Business Management (IP-TBM) Offices" in which Cavite State University (CvSU) is the lead agency for Batch 1. Dr. Teddy F. Tepora (project leader), Ms. Emeline C. Guevarra (project staff) and John Pascual C. Magnawa (research assistant) of Batch 1 represented CvSU in the said workshop which was held on March 1, 2019 at DOST-PCAARRD Innovation and Technology Center (DPITC) in Los Baños, Laguna. The intellectual property management and/or technology transfer offices from various state universities and colleges (SUCs) and research and development institutes (RDIs) were invited by Dr. Reynaldo V. Eborra (acting executive director of DOST-PCAARRD) to discuss and possibly create immediate and long-term strategic plans that will advance the sustainability of IP-TBM offices in the country.

During the planning-workshop, Dr. Eborra emphasized that a strong IP/tech transfer office depends on available technology to manage; thus, a strong inventory is needed. Additionally, he



Dr. Eborra discusses the vision for the IP-TBM offices

discussed that the sustainability plan (i.e., a proposal for agri-services needs and trainings) must be able to provide guidance on which areas and/or how PCAARRD might help. He also expressed deep concern over the human resource capacity after the project. He encouraged IP-TBM representatives to coordinate with their agency heads or concerned officials that their staff be trained during the course of the project. He likewise emphasized that anyone who received training on IP/tech transfer must be 'secured' by each office as "understudy" and be given tenure in the said specialized field. For attendees from various government agencies to express their concerns, prospects or recommendations, a survey form was disseminated for PCAARRD to identify measures on the evaluation of current IP-TBM operations and projects. CvSU, being the lead agency of the first batch of the IP-TBM project, collaborates with Bataan Peninsula State University (BPSU), Benguet State University (BSU), Bicol University (BU), Capiz State University (CapSU), Central Luzon State University (CLSU), Philippine Rice Research Institute (PhilRice), University of the Philippines Los Baños (UPLB), University of the Philippines Visayas (UPV), and University of Southeastern Philippines (USEP). (JPCMagnawa)



Participants of the sustainability planning-workshop

### Fenol represents PH ... (from page 1)

presentations through dance, song and stage act about researchers collaboration which concluded the event.

According to Japan Society for the Promotion of Science (JSPS) website, to advance science and technology within the Asia-Pacific and Africa region, it is necessary to foster talented young researchers having wide perspectives that transcend

individual disciplines and lofty values derived from the region's inherent cultures. To foster such researchers, HOPE Meetings have been organized by the JSPS since 2008. The title "HOPE" signifies the promise held for young scientists and the optimism for a bright science and technology future in the Asia-Pacific and Africa region. (SDFenol)



Engr. Sheryl D. Fenol participating in various activities during the 11<sup>th</sup> HOPE meeting



## D' Glycans hold IP seminar

D' Glycans, the official organization of undergraduate students under the Institute of Food Science and Technology (IFST), College of Agriculture, Food, Environment and Natural Resources (CAFENR) organized an undergraduate seminar on the introduction to Intellectual Property Rights (IPR) on March 27, 2019 at the AGSC Audio-visual Room with the theme, "Be Informed and Protect Your Intellectual Properties". This was attended by sixty (60) participants including IFST faculty and students.

Being the resource speaker, Dr. Teddy F. Tepora, a designated faculty researcher and manager of Innovations and Technology Support Office (ITSO), first invited the participants to join in the upcoming training caravan dubbed, "IP-UNITE" (a roll-out of IP-IGNITE in March 2018) which is set to happen on April 22-25, 2019. Then, he presented the rationale and services of his office being part of the Intellectual Property Office of the Philippines' (IPOPHIL) franchise system nationwide. He also explained how ITSO, through IP data, can contribute to SUC levelling and its role in addressing faculty and students' needs in securing protection for their creations or innovations. Given the infancy of technology transfer in the Philippines, he added that the prioritization of local IP integration is more important over the international one, otherwise known as Patent Cooperation Treaty (PCT) application. He also discussed the various types of IPs, their characteristics and requirements, namely: patent, utility model, copyright, industrial design, and trademark. In the open forum, the participants asked questions about patent royalties and patentability characteristics of a food product or technology.

Dr. Eufemio G. Barcelon, IFST department chair and D' Glycans adviser, and the student officers led by Mr. Garry Sangalang, joined Dr. Tepora in the awarding of certificates to the participants. (JPCMagnawa)



(L-R) Dr. Teddy F. Tepora, Dr. Eufemio G. Barcelon and D' Glycans officers during the awarding of Certificate of Appreciation



Participants listen attentively to the resource speaker

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