



RISE

RESEARCH AND INNOVATION STORIES AND EVENTS

Two DOST-funded projects hold inception meeting

Two externally-funded projects from the Department of Science and Technology officially started this first quarter of 2021. The inception meeting for the research project "Production and Standardization of Breeder Rabbits in Bulacan," funded with one million pesos under the Grants-in-Aid (GIA) program of DOST Region 3, happened on Feb. 11, 2021. The extension project "Going Back to Basic: Plant, Raise & Sustain the Chemical Pesticide-Free Integrated Backyard Farming," with Php 693,000 funding under the GALING-PCAARRD Kontra COVID-19 program of DOST's Philippine Consorti-

um on Agriculture, Aquatic, and Natural Resources Research and Development, had its inception on March 23, 2021.

During the inception meeting of the breeder rabbit project, the College President, Dr. Jameson Tan, and the VP-REPD, Dr. Susan Santos, expressed their support to the project team, and emphasized BASC's commitment to be a reliable ally to its RDE partners. The project leader, Dr. Honeylet Nicolas discussed the overview of the project. An open forum followed where the stakeholders discussed project methodologies and responsibilities, as well as government policies on pro-



curement and financial management. The project partners present were DOST-Bulacan, led by Mrs. Angelita Parungao, and the Association of Rabbit Meat Producers (ARaMP), led by Mr. Artemio Veneracion Jr. Present also in the meeting were staff from the budget

office and the accountant of BASC, Mrs. Ma. Dolores Bersamina. The project's team members include faculty from the College of Agriculture, Institute of Management, and Institute of Engineering and Applied Technology. The implementation period for

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ACEF approves 5M grant for FRC commercialization

The Executive Committee of the Agricultural Competitiveness Enhancement Fund (ACEF) has inked a memorandum of agreement with BASC for the project "Establishing a viable enterprise using

free-range chicken (FRC) production technology in Bulacan." The ACEF Execom was created by RA 10848 or ACEF Extension Law to promulgate policies and guidelines to the utilization of ACEF. The project fund is five million pesos and will be led by Dr.

Honeylet Nicolas. Among the project's objectives are to enhance the capacity of beneficiaries on the management of FRC enterprise, to increase production of F1s of Dominant CZ breed, and to increase adoption of FRC production technologies

developed by Tarlac Agricultural University. The project will foster collaboration with TAU, and Sunday Farmers Agricultural Cooperative of Brgy. Sta. Catalina Matanda, San Ildefonso, Bulacan.



"Shaping the Future of Research and Development: Emerging from the COVID-19 Pandemic"

BASC to host 1st nat'l research confab

Resolute in its quest to become a state university, BASC initiates more efforts to make its name known to the national academic and research community. It will be hosting the 1st BASC National Conference which

is slated on April 8, 2021. With the theme "Shaping the future of research and development: emerging from the Covid-19 pandemic," the virtual conference has attracted 64 researches from Luzon, Visayas and Mindanao to

submit their paper abstracts. Twelve senior researchers who are renowned in their fields, coming from other SUCs and RDIs have been invited to select the best papers in four categories.

IM trains out-of-school youths in project BULAK

The Institute of Management launched its extension project “BULAK” at Barangay Calasag, San Ildefonso, Bulacan last January 12, 2021. BULAK stands for “Balik Ugnayan, Lalahukan ng Kabataan.” Led by the project leader Ms. Karen Joy C. Giron, it consists of a series of trainings in Food and Beverage Services initiated by IM’s Hospitality Management department. It aims to provide a learning opportunity for out-of-school youths (OSYs) in San Ildefonso through intensive session trainings in food and

beverage services to prepare them for Food and Beverage Services NC II Assessment and for job opportunities.

During the launching day, the resource persons were Ms. Jocelyn A. Espiritu and Mr. Sonny E. Dela Cruz, both Hospitality Management instructors who have Training Methodology certificates (TMC) from TESDA. They discussed the topics (1) prepare dining room/restaurant area for service; (2) welcome guests and take food and beverage orders; (3) promote food and beverage



orders; (3) promote food and beverage products; (4) provide food and beverage services to guest; (5) provide room service; and (6) receive and handle guest concerns.

The succeeding trainings were held on January 19 and 26, and February 2 and 9 which focused on the core competencies of Food

and Beverage Services NC II with simulations. The project will officially last until May 2021 for the TESDA assessment of youth beneficiaries, although the project team will continue to follow-up and monitor beneficiaries to ensure fruition of the project. (John Arrden F. Octaviano)

DRT campus spearheads INSET on Intellectual Property



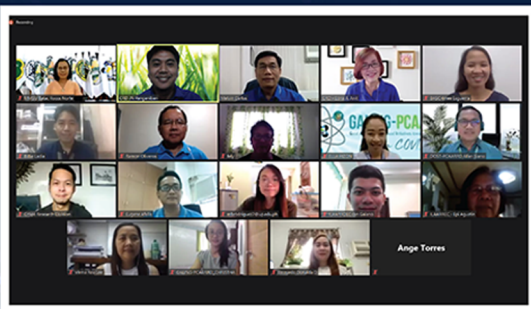
To update its faculty members on intellectual property, the BASC Doña Remedios Trinidad (DRT) Campus spearheaded an In-Service Training entitled “Introduction to Intellectual Property for BASC DRT Researchers and Extensionists” on March 2, 2021. Engr. Joselito D.

Tucit, the Director of the Intellectual Property Office under the Research, Extension, Production and Development (REPD) served as the resource speaker. Engr. Tucit emphasized the different types of intellectual properties (IP) and the process on how to apply for

protection of each IP. He also discussed the targets of BASC in terms of registered IPs as it gears up to being a university. The activity was initiated by Mr. Lymnuel F. Libunao, faculty of DRT. (Salvador Guevara Jr.)

Two DOST-funded projects... (from Page 1)

Inception meeting of three newly approved projects under the GALING-PCAARRD Kontra COVID-19 Program



the project is February 2021 to January 2022.

For the GALING-PCAARRD Kontra COVID-19 project, the inception meeting was done virtually conducted on March 23, 2021 by the Crops Research Division (CRD) of DOST-PCAARRD. The project leader, Dr. Imee D. Esguerra, and project members Dr. Imelda S.A. Navarro and Ms. Donaida B. Ramos, participated in the meeting, together with project teams from Mariano Marcos State University and University of the Philippines Los Banos. In the meeting, Dr. Esguerra presented the salient points of their extension project, which is approved for implementation starting April 1, 2021 up to March

31, 2022. The said project aims to support the target beneficiaries' food production and livelihood, while empowering women farmers in the three municipalities of San Miguel, San Ildefonso and San Rafael, Bulacan in the field of agriculture. DOST-PCAARRD staff led by Dr. Melvin B. Carlos, Deputy Executive Director for ARMSS, and Dr. Edna A. Anit, CRD Director graced the event and explained the objectives of the program.



HAPPENING NOW

Photo Courtesy of DOST PCAARRD

BASC honors outstanding cooperators



To recognize the support and contribution of the project cooperators in the attainment of the College's mandates and goals, the Extension office spearheaded the awarding of the Best Project Cooperator on February 23, 2021.

VP-REPD Dr. Susan C. Santos, Extension Director Dr. Imee D. Esguerra, and PALAYAMANAN project leader Dr. Imelda S.A. Navarro, facilitated the awarding of Plaque of Recognition and Certificate of Appreciation to the BASC project cooperators. Palayaman project cooperator Dr. Arden C. Evangelista, and Association of Rabbit Meat Producers (ARaMP) President Mr. Artemio Veneracion, were the recipients of the award for the "Best Project Cooperator," while Mr. Aquilino C. Sombillo and Mrs. Cecilia C. Ramos both

received Certificate of Appreciation to recognize their contributions to all BASC projects.

The Best Project Cooperators were selected based on their significant contribution and involvement to the implementation of the BASC R&D projects, and the results and impacts of their involvements. The video presentation of this awarding ceremony became part of BASC's virtual 23rd Charter Day celebration on Feb. 24, 2021. (Nikki Ann Macanontoc)

CA partners with REPD for RDE agenda setting

To create a research, development and extension (RDE) agenda aligned with the BASCs Commodity Thrusts, the College of Agriculture (CA) held a meeting last January 29 in collaboration with the Research, Extension Production and Development (REPD) Office.

Twenty-seven (27) faculty members of CA from different specializations including animal science, horticulture, and crop science convened at the Farmers' Training Center (FTC) and discussed the institute's agenda based on the BASC RDE Commodity Thrusts 2019-2024. Director for Research, Dr. Honeylet J. Nicolas, Director for Extension and Training, Dr. Imee D. Esguerra and Director for Gender and Development (GAD), Mrs. Edna Mae D. Cruz were present in the forum and discussed the research, extension and GAD agenda respectively. The devising of the agenda per specialization was led by the CA faculty and

former extension and training director, Mrs. Dinah Marie C. Dayag. Faculty members were divided by their specializations to formulate the agenda in their respective fields. Among the targets set by CA are researches and extension projects focusing on pinakbet vegetables, green leafy vegetable and plant breeding for crop science, poultry and livestock with a special attention on free-range chicken, rabbit, and swine for animal science. Meanwhile, smart agriculture, organic fertilizer production and technologies as well as sustainable and diversified farming systems were also laid out in the agenda crafting as the institute considered these fields as emerging trends in research and extension project developments. The CA was the first institute in BASC who held a meeting in crafting and aligning its RDE agenda with the College.

At the end of the forum, Dr. Mendoza expressed her

gratefulness to the CA Faculty for their efforts in continuously doing research and extension projects and encouraged them to continue their participation in both internal and externally-funded projects. Lastly, REPD Vice

President, Dr. Susan C. Santos also thanked the CA researchers and extensionists for greatly contributing to the accomplishments of the REPD Office. (Evelyn Q. Alera)



EDITORIAL

LET US RISE



As a verb, 'rise' means to move from a lower position to a higher one, or to get up from lying, sitting or kneeling. Amidst the pandemic and our quest to become a university, the BASC community has no choice but to rise. We cannot allow ourselves to lie on the ground after stumbling from the roadblocks of Covid-related disruptions. We cannot sit on the laurels of our past accomplishments. We cannot just kneel while praying for miracles to happen.

We have to rise to see the opportunities that are disguising as difficulties. We have to rise to hear the pleas of our clientele and be of more value to them. We have to rise and be not afraid to smell our own sweat and blood as we perform our roles and responsibilities. Only then can we taste the sweet success that our College dreams of, and touch the heart of the people of Bulacan and Central Luzon as an excellent and caring institution of higher education.

What's with the name?

NAME: The acronym RISE, although literally meaning "research and innovation stories and events" also signifies the intent of REPD to help BASC and its clientele to continuously rise above challenges, and to level up or improve in their status.

COLORS: The colors green, yellow and brown are some of the main colors of the BASC logo. These colors depict crops and fields in different growth stages or seasons.

SUN: The morning sun, with its energizing rays, symbolize hope. It represents our revived enthusiasm to rise for each new day, new endeavors, and new opportunities.

MOUNTAINS AND FIELDS: These represent the vast areas available to be nurtured and cared for through agriculture and allied sciences. They are the environment that will enable continuous development if we uphold sustainable practices.

PEOPLE: The silhouette of people whose linked arms are raised symbolize families and communities with unified goals. They are always willing to work harmoniously in order to improve their own living conditions and that of the people around them.

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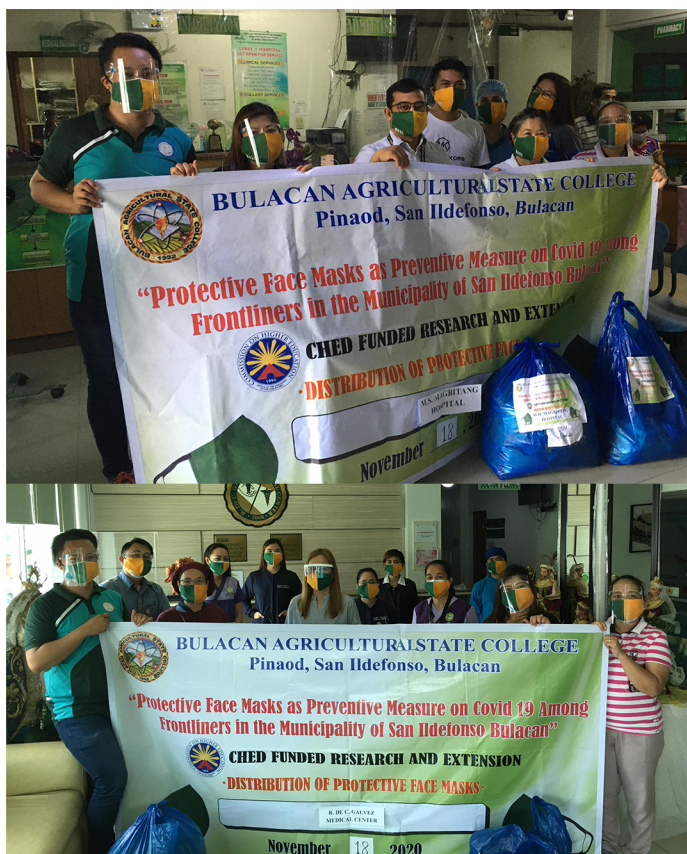
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With CHED funding, IEd provides protective masks for the masses



In these trying times of corona virus outbreak, health and safety are one of the top priorities of the government. Realizing that it is imperative to mitigate the pressing concern among the lives of the people, the Institute of Education (IEd) successfully obtained 492,900 pesos funding from the Commission on Higher Education (CHED) for its research and extension project entitled "Protective Face Masks as Preventive Measure on Covid-19 among front liners in the Municipality of San Ildefonso, Bulacan."

The said project, which boasts to be BASC's main initiative against Covid-19, was led by Dr. Jennifer P. Adriano, with Mrs. Maria Krisvie Abigale F. Mendoza and Mr. Ian Charles R. Blas as members. The project ran from August 27, 2020 until December 27, 2020. The main objectives of the project were to help the academic community (BASC and DepEd) and front liners of different Barangays in the Municipality of San Ildefonso to lessen their direct contact with the virus,

and to help some selected (skilled and knowledgeable) students to earn income by sewing the protective masks and to be paid accordingly.

The project fully utilized its fund to produce 30,000 face masks which were given to the different beneficiaries. A cost analysis revealed that the protective masks produced by the researchers were cheaper (16.43 pesos) compared to the commercially available face masks (35-45 pesos).

The production of face masks was realized through the identification of TLE teachers from BASC community. They were asked to design a protective mask which is reusable, durable and of course effective in protecting the wearer from the virus. Also, students who can sew the protective masks were identified. They were at home, so they have ample time to sew and earn something for their family. Through

coordination with the LGU, prepared protective masks were delivered to all target recipients in the different barangays. Documentation was done during the distribution and proper accounting and auditing was submitted after the project.

Comfort and filterability tests were conducted by the researchers and the results revealed that the fabricated face mask of BASC was significantly higher in terms of comfort and filtering performance. The face mask for the masses was cheaper, efficient, and comfortable to wear. However, several recommendations were given emphasis for improvement: 1) enough budget allocation for the logo printing is needed so that the total enumeration of the mask produced will carry the agency logo as a public engagement strategy, 2) a more purposeful coordination with the barangay officials to distribute the masks on time and to collect precise number of signatures for acknowledgement receipts upon the retrieval of documents.

Overall, the said research project provided an opportunity for the students to earn and gave the people of San Ildefonso a better chance of protecting themselves against the deadly disease. (Amerigo Ramos)



A showcase of Agroforestry Systems



"Hindi naman siguro yan parang kabuti na sumulpot na lang bigla, tapos andiyan na," a Filipino statement that entails the importance of knowing how do things begin.

Just like any other projects, BASC-DRT Demonstration Farm was established for a very nice purpose, and that was to enhance farming technologies and to promote efficient use of resources through learning while doing. This project, with the support from REPD Office and the LGU of Doña Remedios Trinidad, was started in June 2019. It is located in Brgy. Sapang Bulac, which can give farmers various ideas on different agroforestry system designs. Among its components was

an alley cropping system composed of kakawate as hedgerow and vegetables for cash crop production in sloping areas. Forest farming is also showcased for farmer-partners interested in mushroom production, as well as multi-storey system for those who want production of fruits and root crops. Agrisilvopastoral is also demonstrated for those who wish to produce and combine the production of animals, crops and trees. These designs were made based on the land capability assessment of the farm areas of individual farmer-partners.

Supposed to be a year-long project, the demo farm is sustained until now by its technician Marvin

Villanueva, with the able supervision and assistance of the former campus director Mr. Richard F. Sarmiento. Both of them are hands-on in continuing the cultivation of different crops including chili, tomato, and eggplant. There are established areas for dragon fruit, madre de agua, citrus, and banana. This demo farm is still open for farmers whenever they need a model farm of agroforestry systems, and the DRT campus is determined not only to maintain, but also to continuously increase and enrich what the demo-farm can offer. (Salvador A. Guevarra, Jr.)



BAI Monitors mini Feedmill Project



A consultation meeting was held last February 19, 2021 between the DA-BAI, led by Dr. Eduardo L. Torne, and the project team for the Establishment of the BASC Mini Feed Mill. In the said meeting, the VP-REPD presented the current status of the project such as the building construction

and bidding. On the other hand, Dr. Torne informed the team regarding the procedures that they should be doing such as applications for environmental certifications, following of protocols and other necessary information. (Nikki Ann Macanontoc)

REPD leads flag raising for Women's Month

The REPD office spearheaded the program for the opening of Women's Month celebration during BASC's first Monday flag raising ceremony on March 1, 2021. Various REPD staff led the prayer, singing of national anthem, panunumpa sa watawat, and singing of BASC hymn. Mrs. Geraldine A. Cruz served as the Lady of the Ceremony.

Dr. Cecilia S. Santiago, Vice President for Academic Affairs, delivered a small speech and lecture about the Magna Carta for Women also known as RA. 9710, which eliminates the

discrimination against women. Dr. Susan Santos, VP-REPD and Dr. Ronald Raegan Alonzo, VP-AFBA also gave speeches honoring women and giving updates on activities under their offices. President Dr. Jameson H. Tan applauded the women employees of BASC with special mention of the women members of the BASC administration council, and also discussed the status of BASC in the process of becoming a university.

Birthday celebrants for March 2021 were also

called in front of the Administration Building to give them a Birthday song and gifts prepared by the BASCSEA led by President, Mr. Robert A. Capalad. The Director of Gender and Development Office, Mrs. Edna Mae Cruz, gave updates on the roster of seminars and other activities that will be held in connection with Women's month. Snacks arranged by the BASFEA officers were available after the flag-raising ceremony. (Yvonne Besmonte)



Record-high research proposals evaluated in 1st Quarter



The REPD office conducted its 1st Quarter TWG (Technical Working Group) for the year 2021 last February 15-16, 2021 at the Farmer's Training Center. In the said activity, the TWG gave comments and suggestions for the improvement of the submitted proposals. With a count of 35 proposals - 33 research proposals and 2 extension proposals, this is the highest number ever evaluated in a TWG meeting.

The TWG led by Dr. Jameson H. Tan together with the six members, gave an affirmative decision to 16 research proposals and the 2 extension proposals. The majority of the approved papers came

from the Institute of Management (7), followed by the Institute of Arts and Sciences (4), then Institute of Education (3), Institute of Engineering and Applied Technology (2), lastly, Office of Student Affairs and Services and College of Agriculture (1).

The second round of evaluation of proposals happened in the REPD Council Meeting last March 4, 2021, wherein additional comments and suggestions were given to further enhance the proposals. All of them were approved and set to be given a notice to proceed once the necessary revisions are made by the proponents. (Yvonne Besmonte)

Extension office oversees 17 trainings in Q1

A total of 17 trainings initiated by the different institutes and units of the College and supervised by the Extension Office this first quarter 2021.

The Institute of Management has done five trainings in their project "A Youth Enhancement Training in Food and Beverage Services" through BULAK (Balik Ugnayan Lalahukan ng Kabataan) from January 12 to February 9.

The College of Agriculture promoted the use of organic agriculture in three seminars on "BASC Technologies: Pesticide-Free Bitter Gourd, Aerobic Rice Technology, and Free-Range Chicken Production" on February 8, 9, and 11, 2021 at various barangays in San Ildefonso, Bulacan, and

three more trainings on "Farmer's Training on Free-range Chicken Production and Utilization" on March 4, 5, and 12, 2021.

The Institute of Education reached the parents of Laboratory High School students through their seminar entitled "In-Service Responsible Parenting: A virtual Academic Awareness for Lab High Parents" on February 18, 2021. The Business Affairs Office and Institute of Management initiated the seminar on "Doing Feasibility Study: Value to Income-Generating Projects" on Feb. 18, 2021.

Meanwhile, the Gender and Development Office conducted the "Safe



Spaces Act Webinar" for the teaching and non-teaching staff of the College on February 23, and a series of meetings in celebration of Women's month this March. Student organizations and BAS Club and Society of Managers and Entrepreneurs spearheaded seminar on various rabbit raising, while the student publication Soil Tiller conducted a journalism seminar. (Julius Jorge L. Suarez)



BASC Vision

An outstanding higher education institution in the nation with its provision of excellent education and quality service.

BASC Mission

To strive for excellence in Agriculture and allied disciplines, and to provide for and address ever-changing educational needs and services for those seeking to expand their intellectual horizons.