

RISE

The Official Newsletter of the BASC Research, Extension, Production and Development Office

BASC-REPD holds 1st National R&D Conference

The Bulacan Agricultural State College – Research, Extension, Production and Development office successfully held its 1st National Research and Development Conference on April 8, 2021 via video conferencing platform - Zoom and was aired live through Facebook.

With its main goal of creating an avenue for academic researchers to share the findings of their studies despite of the Covid-19 pandemic, the said conference was able to accommodate 55 researchers nationwide.

Majority of the researchers were from Luzon.

This one-day National Conference was divided into four categories—Agriculture Clusters 1 and 2; Governance, Management, Economics and Social Sciences; and Education Curriculum and Instruction. Prior to the conference date, researchers were instructed to prepare a recorded video of their presentation ranging from 10-15 minutes.

The research papers were evaluated by esteemed members of the



evaluation panel assigned per category. For the Cluster 1 of Agriculture category, Dr. Josie A. Valdez, former BASC President and Aerobic Rice Project Leader; Dr.

Tereso A. Abella, former CLSU President, and Dr. Marc Alexei Caesar Badajos, CPSU Vice President for Administration and Finance

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BASC Officials during the virtual ceremony of MOA signing with SEARCA.

In a virtual ceremony on March 29, 2021, the BASC held a signing of memorandum of understanding for institutional cooperation with the Southeast Asian Regional Center for Graduate Study and Research in Agriculture

(SEARCA). The MOU specifies that SEARCA and BASC will have complementary objectives and a mutual desire to collaborate in common areas of interest such as education, training, and research. It has a five year validity which can

SEARCA links with BASC for Institutional Cooperation

be modified and extended within the period of agreement.

Dr. Glenn Gregorio, SEARCA Director, implied that the MOU is proof of SEARCA's willingness to assist educational institutions like BASC in their development efforts. Dr. Jameson Tan, BASC President, expressed his commitment and gratitude for the new collaboration, which will give BASC more opportunities to improve in various institutional aspects.

As initial professional development activities from the agreement, BASC faculty have already applied for short-term training programs

and cross visits that are funded by CHED and coorganized by SEARCA with University Consortium (UC), a group of leading Universities in Southeast Asia. The activities are part of the Level-HEI-AFAR project, or Levelling-Up Philippine Higher Education Institution in Agriculture, Fisheries, and Natural Resources. The project includes trainings on leadership, research, communications, data analysis, publication and presentation skills, as well as faculty forum, graduate forum, and faculty mobility programs, all designed to help raise the standard and global competitiveness of Philippine HEIs.

DA funds PAFES rapid appraisal project in Bulacan

The Department of Agriculture, through the DA-Regional Office 3, provided one million pesos of funding for the project “Rapid Appraisal to Assess the Resources and Capabilities of the Local Government Units (LGUs) in Providing Agriculture and Fisheries Extension Services.”

This project is one of the surveys being conducted in the country, which will be necessary to establish a new flagship program of

DA – the “Province-led Agriculture and Fisheries Extension Services” (PAFES).

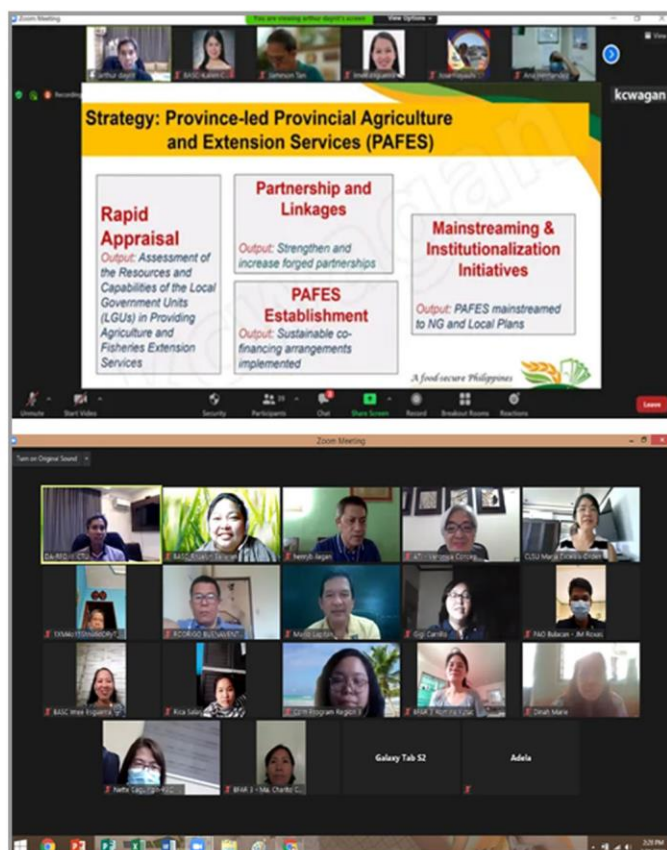
The PAFES program of DA emanates from DA’s mandate to spur agricultural modernization in the country. It will be anchored to the provincial LGUs’ strategic plan for agriculture and fishery, guided by the Provincial Commodity Investment Plans (PCIPs) and Agriculture and Fishery Modernization Plan (AgMIP).

Done in collaboration

with the Provincial Government of Bulacan, the appraisal project’s objectives are the following: 1) determine the demographic and agricultural socio-economic profile of the LGUs; 2) assess the LGU human resource skills and capabilities; 3) evaluate the plan and budget for the agriculture and fishery sector and Agriculture and Fishery Programs and Projects; and 4) formulate recommendations as input for effective implementa-

tion of PAFES in the province.

Led by Dr. Imee Esguerra, the BASC project team is composed of faculty members and enumerators/encoders, who have to finish the study within July to September. They are assigned to their respective municipalities, and will administer structured questionnaires and conduct focus group discussions and key informant interviews in order to attain the project objectives.



PAFES Rapid Appraisal project team together with Dr. Arthur D. Dayrit of DA-RPO III and Mrs. Veronica Esguerra of DA-ATI during the PAFES rapid appraisal overview meeting held on May 23, 2021

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"RISE: Research and Innovation Stories and Events" is published two to four times a year by the Research, Extension, Production and Development Office, Bulacan Agricultural State College, Pinaod, San Ildefonso, Bulacan 3010 Philippines. email: repdbasc@gmail.com, repd@basc.edu.ph



Director Sicat speaks at the 1st BASC NRDC



Dr. Sicat during his opening speech.

Dr. Julius Caesar V. Sicat, Executive Director of the Department of Science and Technology (DOST)–Region III, took part in the milestone of the BASC-REPD office as he served as the Keynote Speaker for its first ever National Research and Development Conference.

In his opening speech, Dir. Sicat commended the College’s effort for the conduct of the conference, “first and foremost I would

like to congratulate BASC for successfully organizing this momentous event despite the challenges of the Covid pandemic”.

“Indeed, research conferences like this provide an avenue for researchers and academicians to disseminate new and relevant information, exchange ideas, experiences, as well as establishing partnerships and networks,” Dir. Sicat added.

The DOST on-going



Some of the participants of the 1st BASC NRDC.

and upcoming programs were the main highlights of Dr. Sicat’s speech. He emphasized that researches should not end its cycle after conference presentations, research findings should be disseminated, tested and implemented if possible.

To conclude his speech, Dr. Sicat encouraged researchers to continue doing research despite of the pandemic. He also provided information

about possible research funding from the DOST.



President Jameson Tan actively participated in the 1st NRDC.

BASC-REPD holds 1st National... (from Page 1)

served as the evaluators. For Cluster 2 of the same category, Dr. Lilian Cruz Garcia, BFAR Director II, Dr. Hermogenes M. Paguia, BPSU Vice President of Research, Extension and Training Services, and Dr. Rosalina M. Lapitan, Career Scientist I were the evaluators.

To follow social distan-

cing, the overall facilitation of paper presentation under this category was held at the BASC Administration Conference.

On the other hand, the presentation for the categories of Governance and Education, was held at the Farmer’s Training Center. Under the Governance cate-

gory, Dr. Cleofe S. Torres, UPLB Professor 12, Dr. Ramona Isabel S. Ramirez, CBSUA Vice President for Research and Innovation and Dr. Francisco D. Esponilla II, PUP University Research Specialist composed the panel of evaluators. For the Education category, Dr. Maria Eliza P. Cruz, San

Beda Associate Professor II, Dr. Soledad M. Roguel, CLSU Vice President for Research, Extension and Linkages, and Dr. Maria Teresa S.J. Valdez, TAU Professor 6 served as the evaluators.

Overall, the event was participated by 115 attendees from participating SUCs and agencies.



Screenshot during the closing ceremony.



The organizers and moderators of the 1st BASC NRDC.



Two BASC papers win in the 1st BASC NRDC



The BASC National Research and Development Conference successfully aired its 1st edition on April 8 wherein 55 research papers were presented by different academic researchers all over the country via virtual platform Zoom.

Emerged victorious for the four categories were the researchers coming from Camarines Sur, Isabela, Bulacan and Davao Del Norte.

Two of BASC researchers Mr. Alejo and Mrs. Palmario both won the 3rd Best Paper in the said event. Out of the 25 papers for the Cluster 1 Agriculture Category, Mr. Alejo bagged the 3rd Best Paper Award for his paper entitled “*Re-delineation, Classification, and Mapping the Soil Type of Barangay Bantug, Science City of Muñoz*”. The 2nd Best Paper Award

The 2nd Best Paper Award went to “*Genetic Assessment of Eggplant (Solanum melongena) & its Crop Wild Relatives Found in the Philippines through DNA Barcoding*” by Mr. Khris June L. Callanao from Ompostela Valley State College. Successfully snatching the 1st Best Paper Award was the research paper entitled “*Development and Performance Evaluation of a Portable Perlite Expander Machine for Small-Scale Industries*” by Saul J. Ebonite and Harold Jan R. Terano from Camarines Sur Polytechnic Colleges.

Meanwhile, for the Agriculture category under Cluster 2, the paper by Mrs. Erlinda D.L. Palmario, “*Growth Performance of Mallard Duck Fed Azolla as Partial Replacement of Soybean Meal*” won 3rd Best Paper Award; Tarlac Agricultural

University and Philippine Carabao Center researchers Yancy O. Mingala placed 2nd Best Paper Award for their research entitled “*Molecular Characterization and Association of Lactoferrin Gene to Subclinical Mastitis on Goats (Capra hircus)*”, while Dominic G. Rodriguez from Isabela State University successfully bagged the 1st Best Paper award for this category.

Moving on, for the Education, Curriculum and Instruction category, evaluators awarded Jhoana Marie L. Aragon from the President Ramon Magsaysay State University the 3rd Best Paper award for her study entitled “*Antas sa Kahusayan at Hamon sa Pagsulat ng Sanaysay sa Wikang Filipino*.” The 2nd Best Paper was awarded to the research paper “*Facebook Usage and Its Impact to Learning Behavior of Grade 10 Learners*” by Cristina J. Miranda of the Polytechnic University of the Philippines, and proudly bagging the 1st Best Paper Award under this category was the paper “*ABAKADA Method Versus Marungko Approach: Comparative Study of Reading Techniques in Grade 1*” by Marissa D. Manuel of the DepEd Bulacan.

For the fourth category, Governance, Management, Economics and Social Sciences, Inero V. Ancho from the Philippine Normal University with his study “*Education Policies and Covid-19 in the Philippines: Observa-*

tion and Inputs” snatched the 3rd Best Paper Award, while Bulacan State University researchers Best Paper Award for the paper “*Reverse Migration during Pandemic: Narratives on the Quest of Survival of Returned Migrant Workers in the Philippines*”. To conclude the winning papers, Davao Del Norte State College researcher Leo D. Rayon successfully placed 1st Best Paper Award for this category.

Overall, winners received a Certificate of Recognition for their awards, while other presenters were given Certificate of Appreciation.



Coping with COVID-19 Pandemic:

Extension Office in the New Normal

Despite of the threat brought by the COVID-19 Pandemic, the Bulacan Agricultural State College through its Extension Office has been continuously extending its time and expertise to provide extension services and support to its clientele.

With the strong cooperation and vital support exerted by the different institutes of the College, limited face-to-face trainings and seminars following standard health protocols were conducted. Under the projects “Strengthening the Production and Marketing Selected Organically Produced Commodities” and “Going Back to Basic: Plant, Raise and Sustain the Chemical Pesticide-Free Integrated Backyard Farming” selected farmers were invited to undergo trainings and seminars that provided them additional knowledge in farming, chemical pesticide-free, organic agriculture, rabbit raising and processing, free range chicken production, and fruits and vegetable production.

Webinars and online trainings were conducted to prevent and lessen physical contacts that may cause the transmission of COVID-19. In the comfort of their homes, students, non teaching staff of the College and other external clients were able to join diffe-



Some of the Extension Offices beneficiaries and BASC faculty extensionists.

rent webinars and online training attended via Zoom App Conferencing and simulcast via FB Live.

Aside from providing knowledge through trainings and webinars, the Bulacan Agricultural State College (BASC) in partnership with ABS-CBN Sagip Kapamilya Foundation, Rotary Club of San Ildefonso, Bulacan and BASC Faculty and Employee Association in coordination with the Extension Office extended

a helping hand to the families heavily affected by COVID-19 pandemic and typhoon Ulysses which hit the country on November 2020. Through the conduct of series of relief operations especially to the Indigenous People of Bulacan – the Dumagat Tribe, BASC together with its partners, was able to help at least 1500 families.

Moreover, seeds, seedlings, fertilizers and canned goods were also distri-

buted to the BASC farmer co-operators heavily affected by the Typhoon Ulysses. The said relief operation was the output of the proceeds of the “webinar for a cause” conducted by The Philippine Association of Research Managers, Inc. (PHILARM) and Pagkalinga in partnership with BASC.

To address the need for protection against COVID-19, a total of 30,000 protective facemask were

Coping with COVID-19 Pandemic...(Page 5)

distributed to the front liners and community people of the 36 barangays of the municipality of San Ildefonso, Bulacan. This project was funded by the Commission on Higher Education which not only gave protection but also provided alternative sources of income to parents of BASC Laboratory High School students who lost their jobs due to pandemic.

Continuous field visits were conducted to ensure that projects are in good condition and to give encouragement to farmers during these difficult times. The

help and support provided by the Extension Office have created alternative sources of income and food to the target clientele in the community during this pandemic.

Also new technologies acquired by the beneficiaries who attended the different training helped them to improve their farm practices that resulted to better production of their commodities.

With all of these accomplishments, this just proved that no pandemic can hinder the Extension Office to perform its goals of helping in the development of the community,



by addressing its needs through the programs and projects implemented by the College and other agencies. The BASC Extension office will continue to support and pro-

vide relevant and timely services to different clientele in the community as we strive to make a difference in their lives to the best way we can.

Extension Office spearheads 13 trainings/seminars in 2Q 2021



Participants while preparing chemical free pesticide on June 8, 2021



Participants while preparing mango-flour based products on June 24, 2021

A total of 13 trainings initiated by the different institutes and units of the College supervised by the Extension Office, were conducted this second quarter of 2021.

The externally funded extension project *“Going Back to Basic: Plant, Raise and Sustain the Chemical Pesticide-Free Integrated Backyard”* under the Institute of Management (IM) promoted organic farming in their training *“Chemical Pesticide-Free Integrated Backyard Farming”* held last June 8, 10, 14, 2021. Furthermore, the IM has conducted three more trainings entitled *“NEGOS-KWELA: Introduction to Online Payment Gateways as the New Money*

and Modes of Payment, Technopreneurship 101” for Institute of Management Faculty and Second Year BSBA Students (webinar), and *“Training on Mango Product Value-Adding”* were held last June 7, 14, and 24, 2021.

The College of Agriculture on the other hand, has extended their knowledge in their series of trainings on *“Free-Range Chicken Egg Production, and Upland Vegetable Production”* held last June 2, 8, 9, 10, 17, and 25, 2021.

Meanwhile, the Gender and Development Office conducted the Gender-Fair Language (webinar) for the teaching and non-teaching staff of the College on June 17, 2021.

REPD holds 2nd quarter TWG meeting

The Research, Extension, Production and Development (REPD) Office held its 2nd Quarter TWG for the year 2021 on June 3, 2021 at the Administration Building Conference Room. Dr. Jameson H. Tan, College President, together with Dr. Susan C. Santos,

Dr. Honeylet J. Nicolas, Dr. Imee D. Esguerra, Dr. Edna Mae D. Cruz and Engr. Joselito D. Tucit, were the members of the panel for the event. Different comments and suggestions were given to improve each proposal.

A total of 19 propo-

sals were presented, 17 for research and two for extension. Sixteen proposals were approved, and the remaining were deferred for further improvement.

Majority of the proposals presented came from the Institute of Arts and Sciences and Dona

Remedios Trinidad Campus with five proposals each Institute. Next to them is the College of Agriculture with four proposals, Institute of Engineering and Applied Technology with three proposals, and lastly two came from Institute of Education.



Dr. Jameson H. Tan spearheading the TWG evaluation.



The panel of TWG during the RDE proposal evaluation.

Php 5M Swine Multiplier Farm Project... (from Page 8)

government's way of giving help and support to revive the swine industry in the country.

In addition, Ms. Capalad, the project leader is looking forward to have the techno demo farm fully constructed and running so that it can help local swine farmers get back from their financial loss during ASF epidemic. "Malaking opportunity ang project na ito sa BASC dahil magiging channel tayo para makara ting talaga sa farmers ang tulong ng DA. Ang breeders na mapoproduce natin, para sa farmers, para sa livelihood

nila," Ms. Capalad added. The said project is part of the DA program called Integrated National Swine Production Initiatives for Recovery and Expansion (INSPIRE) and Bantay ASF sa Barangay, also dubbed "BABay ASF" through ATI and NLP-ITCPH. (Evelyn Q. Alera)



Dr. Tan pledges BASC's commitment to the project during the opening program of ground breaking ceremony



DA-ATI RTC III Director Esguerra awards the check to President Tan and Ms. Capalad at ATI 3 office on June 11, 2021.

Php 5M Swine Multiplier Farm Project launched in groundbreaking ceremony

Another milestone grant was secured by BASC through the Swine Multiplier Techno Demo Farm Project worth five million pesos (Php 5,000,000) from DA-ATI (Department of Agriculture - Agricultural Training Institute). The groundbreaking ceremony took place on June 23 at BASC main campus.

Joining the event were key officials from BASC headed by President, Dr. Jameson H. Tan, the project leader Ms. Marivic A. Capalad, together with the three Vice Presidents, Extension Director, Dr. Imee Esguerra, and CA Dean, Dr. Julita P. Mendoza.

Meanwhile, the DA-ATI was represented by Ms. Elisa Mallari, Livestock Focal Person of DA-RFO III and DA-ATI RTC II Cente Director,



BASC officials led by Dr. Jameson H. Tan together with the DA-ATI representative during the groundbreaking ceremony.

Ms. Veronica Concepcion V. Esguerra.

Aside from the fund granted by DA-ATI ICPH, BASC has a counterpart funding of Php 1.4M for the project to cover the construction of artificial insemination laboratory, farm equipment purchase and utilities costs.

Through the establishment of the Swine Multi-

plier Techno Demo Farm, both the BASC as implementing agency and the DA-ATI through the National Livestock Program-International Training Center on Pig Husbandry (NLP-ITCPH), as the funding agency aim to produce good genetics among swine which will be dispersed to local and backyard swine rai-

sers post-African Swine Fever (ASF) era.

Once fully established and operational, the project also eyes to be a researchers, students, stakeholders. her speech during the Director Esguerra in her speech during the ceremony said that the Swine Breeder Project is the

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BASC officials and DA-ATI representatives at the Cayetano Hall.