



RISE

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

NARBA, BASC hold 1st Nat'l Rabbit Convention



The New Alliance of Rabbit Breeders Association (NARBA), in partnership with the Bulacan Agricultural State College (BASC) successfully conducted the 1st National Rabbit Convention on May 27, 2022 at the Farmer's Training Center.

The first part of the one-day convention was the opening program wherein

distinguished guests from different organizations were present. Dr. Zosimo De Leon, NARBA President, and Ms. Drusillah Ochoa hosted the event. They both welcomed the attendees coming from the different parts of the country.

Dr. William Dar, Department of Agriculture Secretary, delivered his message of support

and encouragement through a recorded video. "It is important to continuously seek for alternative food source, and rabbit meat production has a huge potential. We will see to it that we provide strong support for the massive production of rabbits, so we can show the world that rabbit meat can be a substitute for pork", Dr. Dar stated.

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BASC Officials attend Regional Futures Thinking Executive Course for Region 3 SUCs

The "Regional Futures Consortium Workshop: High Level Anticipatory Leadership and Governance Executive

Course" with the goal of coming-up with a "Regional Futures Agenda 2050 for Central Luzon", was held on April 18, 19, 21, and 22. It was attended by key officials from the 13 SUCs of Region 3, including BASC's Dr. Jameson H. Tan (SUC President III), Dr. Cecilia S. Santiago (VP AA), Dr. Honeylet J. Nicolas (VP REPD), Dr. Ronald Reagan T. Alonzo (VP AF), and Engr. Joselito D. Tucit (CIRPS TS and Director IPO). The Plaque of Collaboration was awarded during the dinner and awarding ceremony on April 21.

The workshop was organized by the Philippine Futures Thinking Society (PhilFutures), the Senate of the Philippines, and the Development Academy of the Philippines (DAP), in collaboration with the Development Council of State Universities and Colleges of Region III, Center for Inter-institutional Research and Policy Studies (DC SUC III/CIRPS) through its Executive Director, Dr. Enrique Baking (President of Don Honorio Ventura State University).

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CHED monitors 4K Program

The Commission on Higher Education delegation led by Dr. Roel Palo Anicas, Regional Education Supervisor, visited the Bulacan Agricultural State College (BASC) on May 6, 2022, to monitor the CHED-NAFES Program entitled “Karne ng Kuneho para sa Kalusugan at Kabuhayan” (4K Program).

During the monitoring, two demo-farms were visited by the CHED team, which also included Ms. Mayumi G. Belandres, OIC-Chief Education Program Specialist, Ms. Ophelle Balolong, Project Technical

Staff II, Dr. Geraldine Sanchez, technical expert from PSAU and Prof. Amalia Briones.

Dr. Jameson H. Tan, President of BASC, welcomed the CHED team and expressed gratitude for the agency's unwavering support for the College. Dr. Honeylet J. Nicolas, Program Leader, presented the progress report of the program. The CHED evaluation team replied with the suggestions regarding the achievement of expected program outputs. Dr. Roel Palo Anicas and

Dr. Geraldine Sanchez commended the team's efforts, since the program has already achieved desired outcomes within a short period.

In the closing remarks, Dr. Cecilia S. Santiago, Vice President for Academic Affairs and a program member, thanked the CHED team for their support, and she also made sure that all the recommendations and suggestions were noted to enhance the utilization of the program specifically in terms of publication of the IEC materials.



BASC Officials attend...

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The executive course consists of five modules namely: (1) Anticipatory Leadership and Governance: History and Key Concepts, (2) Theories of Social Change and Anticipatory Leadership and Governance Frameworks, (3) Anticipatory Leadership and Governance Tools and Methods, (4) Case Studies on Anticipatory Leadership and Governance, and (5) Scanning through the use of Regional Futures Framework. Modules 1 to 3 were delivered online through Zoom on April 18 and 19, while Modules 4 & 5 were held on-site (Face-to-Face) at the Hilton Clark Sun Valley Resort at Clark Freeport, Mabalacat, Pampanga on April 21 and 22. The Regional Futures is an initiative of the Senate Committee on Sustainable Development Goals, Innovation, and Futures Thinking.



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NARBA-BASC... >> FROM PAGE 1

BASC President, Dr. Jameson H. Tan shared his welcome remarks to the attendees of the convention, “We expect that through activities like this, the rabbit industry would continually cause positive growth reach and will be considered very essential for the country’s food and livelihood security”. Moreover, Dr. Tan expressed his gratitude to NARBA for considering BASC as a partner in strengthening rabbit breeding and production in the country.

BASC-Vice President for Research, Extension, Production and Development (REPD), Dr. Honeylet J. Nicolas congratulated NARBA on their first year anniversary, and shared her notions about the rabbit industry, “I am convinced that rabbit is a very promising livestock, and that rabbit meat is nutritious and versatile.”

The OIC-Regional Director of the National Meat Inspection Service (NMIS), Dr. Domingo Gonzaga provided a brief information about rabbit meat industry and expressed the support of NMIS. “The NMIS is one with NARBA and BASC in

promoting the development of rabbit meat in the country.” And to further strengthen the promotion of rabbit meat, Dr. Marie Shella Ordinario of Bureau of Animal Industry-Animal Health and Welfare Division shared the content of the DA Administrative Order no. 35 series of 2021: Rules and Regulations on Humane and Hygienic Slaughter, and Meat Inspection of Rabbit for Food.

Dr. Wilfredo Resoso from the Philippine College of Swine Practitioners (PCSP), as part of his message, and in connection with the AO no. 35, shared information about the plan on accrediting rabbit breeders in the country.

The Officer-in-Charge of the National Veterinary Quarantine Service Division of the Bureau of Animal Industry (BAI), Dr. Jose Eduardo David, started off his message by sharing a short story about the start of rabbit breeding, and the various experiences their division had due to the different animal disease outbreaks that happened in the country, hence, Dr. David emphasized that, “kaakibat po ninyo ang DA para sa ikauunlad ng rabbit industry sa ating bansa”.

Bulacan Provincial Veterinarian, Dr. Voltaire Basinang proudly shared, “dito po sa lalawigan ng Bulacan nabuo ang pagkukuneho, at sa patuloy na suporta, naniniwala ako na tuloy-tuloy na ang pag-unlad ng industriya ng pagkukuneho.”

Dr. Cecilia Santiago, BASC-Vice President for Academic Affairs, in her message, thanked NARBA for choosing the College in this undertaking, and shared her aspirations to make BASC known as the rabbit center in the Philippines.

Wrapping up the opening program, Dr. Zosi together with the NARBA officials, awarded plaque of recognition to the keynote speakers.

Also part of the convention were booths from different sponsors of the event. Rabbit meat products, proudly BASC-produced were also showcased and exhibited. Rabbit lechon and papaitan were also cooked and offered as free taste for the whole duration of the convention.



Greening the brown:

Further Dissemination of ART, BASC's gift to rice farmers in the uplands and rainfed lowlands

Amidst the continuous need for self-sufficiency of the country in terms of rice production, three (3) faculty of the Bulacan Agricultural State College are currently continuing to introduce the aerobic rice technology (ART) to more rainfed farms in Region III, the top producing region of rice in the country.

Mrs. Dinah Marie C. Dayag, Associate Professor III; Mrs. Sheryll C. De Leon, Instructor I; and Mr. Albert P. Ulac, Instructor I, together with the Provincial Local Government Units from Bulacan, Bataan, Zambales, Pampanga, Tarlac and Nueva Ecija, are joining efforts to further spread the ART with their extension project entitled "Accelerating the Utilization of Aerobic Rice Technology Adoption in Central Luzon".

As of July 2022, they were already able to conduct seminars and training and gave aerobic rice seeds to farmer cooperators from the said provinces. As per Mrs. Dayag, all farmer cooperators already started growing their aerobic rice seeds and all that is left to do is to assess the cost and return analysis after harvest and measure ART's impact on the farmers' lives.

Using aerobic rice, a technology introduced by the International Rice Research Institute (IRRI) in 2000, will allow farmers who are relying on rain for irrigation, to grow rice even during dry season thus increasing their annual profit. As per the data from REPD, there were 400 documented adoptors of ART from Bulacan, Aurora, Nueva Ecija, Pampanga and Tarlac as of 2017.

Retired Professor, Dr. Josie Valdez in his past project on ART (2014) estimated that the potential land area for aerobic rice alone in Central Luzon (which consists of upland, rainfed lowland and irrigated lowland areas) is at 126, 959 hectares that could produce 571, 319 metric tons of rice, enough to feed about 3.5 million people for a year.

With continuous endeavors of the faculty researchers from the College, we are hoping that BASC will be able to reach more communities and be a known figure in terms of pushing for a food self-sufficiency particularly in the production of rice, a staple food for us Filipinos.



Lapanada receives UM registration certificate

BASC registered another Utility model within the first half of 2022. The Intellectual Property Office of the Philippine (IPOP HL) released the Certificate of Registration on June 22 for the Utility Model/2/2020/050499 or LAPANADA. This UM was from the Institute of Management.

LAPANADA (Process of Producing Rough Puff Pastry with Rabbit Meat) was the research output of Jocelyn Espiritu, Michelle Gatdula and Eleonora Uy. It pertains to the procedure of making a rough puff pastry (empanada) stuffed with rabbit meat (lapan) and vegetables. The process of producing a rough puff pastry comprises of three (3) active steps: preparing the filling; preparing the crust; and stuffing and molding of the empanada. The objective of the utility model is centered in the promotion and education about the edibility of rabbit meat.

At present, three Utility Models of BASC are still in the registration process at IPOP HL. These are the recipes for Rampling (Rabbit Meat Dumplings), Lapan Jerky, and the process of making Lapan Jerky.



REPD, IEAT conduct training in preparation for the TBI in BASC

The training on the Establishment and Operation of Technology Business Incubation (TBI) Center was organized by the Intellectual Property Office of the REPD, together with the Institute of Engineering and Applied Technology (IEAT). The training aims to orient the participants about the establishment and operation of a Technology Business Incubation Center.

Twenty-six (26) participants attended the training: 10 faculty from IEAT, 7 faculty from IM, 7 facilitators from IPO, 1 resource speaker, and 2 representatives from the Central Luzon State University Agriculture and Food Technology Business Incubator (CLSU AFTBI).

The welcome remarks was delivered by

Engr. Cherry Mae C. Cuevas (IP Training Officer).

The lecture was discussed by Dr. Pablo J. Rafael Jr., the current Director of the CLSU AFTBI. He discussed the overview and importance of a Technology Business Incubation which can greatly help the College. In the second part of his lecture, he talked about the processes in establishing, and the requirements in operating a Technology Business Incubation.

The closing remarks of the training was delivered by Dr. Imee DG Esguerra, Director of Extension, where she emphasized the importance of the training for the possible establishment of a TBI center in BASC. She also gave her thanks to the resource speaker and the facilitators of the training.



REPD reaches new record of proposals for 1st Semi-Annual TWG and REPD Council 2022

In the 1st Semi-Annual TWG for the year 2022 spearheaded by the Research, Extension, Production and Development (REPD) Office on May 16 and 17 at the Farmers' Training Center Conference Room, a new record of 40 proposals (33 research proposals, 7 extension proposals) was set. Half of them were evaluated on the first day by the TWG members. The TWG members screened the proposals in alignment to the priorities of the college and provided

comments and suggestions to further improve them.

A total of 27 research proposals were accepted, 6 were deferred, and 5 accepted extension proposals, 1 of which was approved for external funding and 1 deferred. In totality, 32 research and extension proposals were endorsed for REPD Council.

During the REPD Council held on June 16-17 at the FTC conference room, 30

research and 4 extension proposals were approved for funding and implementation. Additional two proposals needed for accreditation were submitted by the Institute of Education (IEd).

The Institute of Arts and Sciences (IAS) set a new record as the Institute with the highest number of approved proposals (11) by the REPD Council for the 1st semi-annual of 2022. The Institute of Engineering and Applied Technology (IEAT) came second with 10 approved proposals.



REPD Officials undergo SEARCA Trainings on Strategic Communications and Scientific Writing

Two REPD officials attended trainings under the Commission on Higher Education (CHED)-funded project titled Levelling-Up Philippine Higher Education Institutions in Agriculture, Fisheries, and Natural Resources (LevelUPHEI AFAR), which was facilitated by the Southeast Asian Regional Center for Graduate Study and Research in Agriculture (SEARCA), in coordination with the State Universities and Colleges-Association of Colleges of Agriculture in the Philippines (SUC-ACAP).

Dr. Honeylet Nicolas, VP-REPD, completed the training entitled "Strategic Communication Planning Workshop: Enhancing Communication Skills for Higher Education Institutions in the Philippines (StratCom4HEIs) on February 1 to March 17, 2022.

Dr. Imee D. Esguerra, Director for Extension, attended the training "Online Training on Scientific Writing and Presentation for Higher Education Institutions in the Philippines (SciWriting4HEIs)" on April 1 to May 17, 2022.



S E A M E O
SEARCA



Training on GMP & Farm Recording & Economics



The 4K Program conducted two batches of training for “Good Manufacturing Practices and Farm Recording and Economics” on April 1 and April 26, 2022. The first batch of participants were members of the Association of Rabbit Meat Producers, while the second batch of trainees were farmers and AEWs from the LGUs of San Miguel, San Ildefonso, and San Rafael, Bulacan.

In the morning, three BS Agribusiness Management faculty discussed various topics on farm recording and economics. These were Ms. Charlene Banes for “Marketing 4Ps,” Mrs. Kathleen T. Dionision for “Basic Farm Recording,” and Mrs. Nerilyn Victoria for “Economic Analysis.”

In the afternoon, Dr. Celso Sto.Domingo, a Doctor of Veterinary Medicine faculty, discussed “Hygienic Slaughtering,” while Ms. Joy Christine Sta. Cruz and Ms. Marielle Gamboa of the Department of Food Technology from IEAT discussed “Basic Good Manufacturing Practices” and “Roles of Food Additives in Meat Processing.”

The 4K Program aims to continuously conduct trainings and activities that will capacitate rabbit raisers in Bulacan and to increase the awareness of Filipinos on the benefits of raising rabbits for meat. It is a two-year program which is funded by the Commission on Higher Education (CHED), and in collaboration with the mentioned LGUs, other government agencies, and rabbit farmer associations.

REPD staff participate in CLAARRDEC training-workshop

A training-workshop on poster development and basic photography was conducted by Central Luzon Agriculture, Aquatic and Natural Resources Research and Development Consortium (CLAARRDEC) on June 21-22, 2022 at the R&E Amphitheater, CLSU. The event aimed to advance the quality of knowledge products being produced specifically the scientific poster.

Mr. Jim C. Dela Cruz, Mr. Julius Jorge L. Suarez, and Mr. Benjie C. Timbang, together with 29 other participants composed of faculty researchers, and R&E staff from different state universities and colleges from Region 3 participated in the event. Mr. Jomar Garabilles from CLSU and Mr. Jayson Berto of PhilRice shared tips in developing clean, effective, and quality research posters, and in capturing best scenes and stories followed by hands-on activity.

To end the training-workshop, each participating agency presented their photograph and research poster output subjected to critiquing.





Institute of Education empowers women as home-based teachers

To provide educational training and assistance to parents of children under modular distance learning, the Institute of Education (IEd) of Bulacan Agricultural State College (BASC) conducted an extension project entitled “Creating Meaningful Connections at Home: Empowering Women as Home-Based Teachers” from January to June, 2022.

During this pandemic, 25 parents of Grade 3 pupils from Pinaod Central Elementary School, San Ildefonso were chosen as beneficiaries of this extension project to ensure the continuing education of these children.

The BASC-IED recognizes that empowering women is an indispensable approach for fostering growth and reducing poverty. One of the most effective ways of empowering women with knowledge, skills and self-confidence is to empower them through education. Their education encourages them to adapt to challenges, to confront their conventional status, and to transform their lives.

To strengthen parent engagement and responsibility in the education of their children, they were directly involved in the education of their children by facilitating further learning at home through moral support, encouragement, and hands-on approach. Every Friday of the week, the 25 parent teachers were being gathered at BASC- Cayetano Hall with the faculty proponents of this project as their facilitators and resource persons for a series of training. Parents were given lectures on how to become home-based teachers for their children. They were also assisted to adapt on the know-how of guiding their kids on answering the modules in the following areas:

motivation; mother-children rapport; teaching strategy; key points in different learning areas; and positive attitude towards learning. The children, who were with them during the training, were also given activities on reading and some artworks.

Parents said “Ang dami po naming natutunan dito at sana may kasunod pa”. Another mother added that “ Nagpapasalamat sa kaalamang nakuha namin at talaga naman pong nag- enjoy kami sa samahan at sa nabuong pagkakaibigan naming mga magulang”.

Meanwhile, this project was headed by Dr. Jennifer Adriano in collaboration with Mr. Solomon C. Hernandez, Principal III of Pinaod Central Elementary School and the Local Government Unit of Barangay Pinaod headed by Brgy. Captain Jaronald Sanchez.

Extension Office spearheads 33 trainings/seminars in 2Q 2022

A total of 33 trainings initiated by the different institutes and units of the College supervised by the Extension Office were conducted this 2nd quarter of 2022.

The College of Agriculture continued extending their knowledge through series of trainings on aerobic rice technology and urban gardening. Trainings on aerobic rice technology were held on April 1, 6, 7 and 20 at Iba, Zambales, Sta. Ignacia and Mayantoc, Tarlac and Hermosa, Bataan, respectively. The training titled, "Urban Gardening: Technology and Management Practices Towards a Pandemic Resilient Community", was conducted on April 26, May 23, 26 and 30 at San Ildefonso, Sta. Maria, Pandi and Plaridel, Bulacan respectively. Additionally, trainings on Good Manufacturing Practices, and Farm Recording and Economics were conducted for rabbit raisers last April 1 and 26 at Farmers' Training Center (FTC), BASC.

The Institute of Management conducted trainings on basic farm record-keeping and financial management on April 22, May 6, 26, 31 and June 2 at Baler, Aurora, Turu, Pampanga, San Miguel and Norzagaray, Bulacan and Abucay, Bataan respectively. In addition, they conducted training series of Adopt-a-Cooperative: Agriculture Production, Organization and Management, Gender, and Development Trainings for Bubulong Malaki Vegetable Growers Multipurpose Cooperative, Incorporated on April 1, 8, 21 and May 6 at Brgy. Bubulong Malaki, San Ildefonso, Bulacan. Research and Extension Colloquium was held on April 12 at FTC, BASC.

The Institute of Education held their training series for women as home based teachers of elementary pupils in Brgy, Pinaod, San Ildefonso, Bulacan as part of their extension project "Creating Meaningful Connections at Home: Empowering Women as Home Based Teacher". It was held every Friday at the Rene Cayetano Hall, BASC.

Institute of Arts and Sciences conducted GAD related trainings titled, "Gender Equality Today for a Sustainable Tomorrow", held May 19 at Dampol 2nd National High School, Pulian, Bulacan and Gender Sensitivity Awareness and Anti-VAWC held May 21 at Brgy. Sta. Catalina Matanda, San Ildefonso, Bulacan. Adding to this, the Institute conducted training on care and maintenance of liberica coffee seedlings held last June 15 at BASC-DRT Campus, Doña Remedios Trinidad, Bulacan.

Institute of Engineering and Applied Technology conducted their training on introduction on the establishment and operation of technology business incubation center on May 4 at BASC Main Campus.



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BASC launches Project GRACE, inks partnership with CDA

Bulacan Agricultural State College (BASC) and Cooperative Development Authority (CDA) signed a Memorandum of Agreement (MOA) during the launching program of Gender-Responsive Activities for Cooperatives' Enhancement (Project GRACE) which aims to mainstream Gender and Development (GAD) in agricultural cooperatives in Bulacan.

Dr. Jameson H. Tan, SUC President III represented BASC while Ms. Cristina H. Villamel, Regional Director represented CDA in the ceremonial MOA signing which was held after a short launching program.

In her opening remarks, Dr. Imee D. Esguerra, Extension Director explained that Project GRACE was a product of the research findings conducted by BASC in 2018 wherein agricultural cooperatives in Bulacan were found to have a very low manifestation of gender equality. This was the reason why BASC project team led by Mrs. Edna Mae D. Cruz, GAD Director has conceptualized Project GRACE to assist

CDA in mainstreaming GAD in agricultural cooperatives.

Dr. Tan also said in his message that BASC will always be very supportive in capacitating agricultural cooperatives and in mainstreaming GAD through Project GRACE.

The CDA Regional Director Villamel expressed her gratitude to BASC for proposing Project GRACE as they will have a partner in achieving their goal of mainstreaming GAD in cooperatives. She even requested BASC to conduct GAD trainings to CDA personnel in their office so that they will be refreshed on the GAD concepts.

Mr. Raul S. Encarnacion, Chief of Cooperative Research Information and Training Section of CDA also appreciated the efforts of BASC for initiating this project and expressed the full commitment of CDA to Project GRACE. He also stated that CDA will no longer have problems in mainstreaming GAD in cooperatives in

Bulacan because of the support of BASC in this endeavor.

The invited chairpersons of three agricultural cooperatives who will be the initial beneficiaries of this project, namely: Sunday Farmers Agricultural Cooperatives, Bubulong Malaki Vegetable Growers Multipurpose Cooperative and Maunlad Farmers' Cooperative also expressed their full support and commitment to all the activities of the project.

The program ended with a closing remarks delivered by Dr. Honeylet J. Nicolas, Vice President of Research, Extension, Production and Development Office. She gave an assurance to CDA officials that BASC will do its best in order to make this project a success.

Other members of the project team who witnessed the said activity include Engr. Joselito D. Tucit, Dr. Billy Joe V. Villena and Mr. Amerigo B. Ramos, Jr. Mr. Ramos also served as host of the activity.

Bulacan Agricultural State College

Vision

A globally-engaged higher education institution of agriculture and allied disciplines.

Mission

Provide excellent instruction, conduct relevant research, and foster community engagement that produce highly competent graduates necessary for the development of the country.

REPD Mission

The REPD office shall broaden the corpus of knowledge, expand the innovation reservoir, and encourage community engagement to improve the quality of life in its service area, and contribute to national sustainable development.

REPD Office Goals

- To become a regional centre for agricultural research and allied sciences with enhanced engagement, impact and visibility.
- To improve the quality of life of the socially and economically-disadvantaged communities through the conduct of research-based and instruction-based extension services in agriculture and allied fields that are responsive to the needs of the community.
 - To foster an environment that promotes and rewards the creation of new knowledge, creativity, innovation, and the use of new technologies.

