



AGGIE

green & gold

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From the Dean

Once again, our graduates dominated the licensure examination for agriculturists. Although we did not get the top spot, our graduates almost swept the top ten slots and registered a 98.45% passing rate. Needless to say, I am proud of these board passers because they continue to catapult the College of Agriculture to greater heights. Congratulations to all of you!



Congratulations also to Drs. Oscar S. Opina and Elda B. Esguerra for winning the PARRFI Research and Development Award given by the Los Baños Science Community Foundation, Inc. Your achievements contributed greatly to the advancement of the postharvest physiology and handling of tropical fruits and vegetables in the country.



We now have a new major field of specialization under the BSA curriculum. To be offered starting this second semester, Agricultural Systems will produce well-rounded agriculturists that are needed by the country nowadays. They will indeed be very useful as trailblazers in agricultural and rural development. I am therefore encouraging the BSA enrollees to specialize in this field of discipline.



More and more visitors are flocking to the AgriPark. I do hope they will continue to patronize this project. After all, they will be learning a lot from the training and demos conducted as well as avail of our products such as publications, fresh fruits/vegetables and seeds. Although experiencing some birth pains, the park will definitely be a vital component not only of the College of Agriculture but by the country's agricultural landscape as well.



To those who are missing the internet version of the Aggie Green and Gold (AGG), please bear with us for a while because we are in the process of updating our CA website. You can rest assured that we are trying our best to restore the publication of AGG online as soon as possible.

May God bless us all!

Official Quarterly Publication of the UPLB College of Agriculture

CA graduates Dominate Licensure exam anew

As expected, the UPLB College of Agriculture (CA) graduates showed the way in the 2007 agriculturist licensure examination given by the Board of Agriculture in the cities of Manila, Baguio, Cagayan de Oro, Cebu, Davao, Iloilo, Legazpi, Lucena, Tacloban, Tuguegarao and Zamboanga City. Although a non-CA graduate topped the test held last July 2007, eight (8) or 66.66% of the 12 occupants of the top 10 slots came from UPLBCA.

The successful examinees who garnered the 10 highest places are Marco Rodel Jumalon Aragon of Leyte State University (VISCA)-Baybay, with a rating of 85%; Consuelo Amor Santiago Estrella (CA), 84.83%; Michael Abiada Torte (CA), 84.67%; Roberto Buendia Barba Jr. (Catanduanes State Colleges-Virac), 84.50%; Angelita Lacaran Acebes (CA), 84.33%; Gil Anila Beligan (CA), 84.33%; Ann Mylalulex Arestado Magnaye (CA), 84%; Aryan Villas Rasgo (CA), 83.83%; Adrian Seño Mausig (Marinduque State College-Torrijos), 83.67%; Louie Joseph Arreza Pabro (CA), 83.50%; Ailene Atienza Corpuz (De La Salle - Araneta University Inc.), 83.33% and Leni Angeles Quiatchon (CA), 83.33%.

Out of the 129 CA graduates who took the examination, 127 (98.45%) had passed. This reaffirms that UPLB is still on top among the agricultural schools, colleges and universities in the country that participated in the board examination.

As mandated by RA 8435, all graduates from any school, college or university that is recognized by the government, with the degree of Bachelor of Science in Agriculture or Agricultural Technology, must take the licensure examination.

Exempted from taking the test are those who passed the examination given by the Civil Service Commission in any field of specialization in agriculture and has served the agriculture industry for at least five years prior to the effectivity of the said law. Those who graduated with the degree of Doctor of Philosophy and has served the industry for at least two years before its effectivity are also not obliged to take the examination. (AL Lantican)

BSA Major In Agricultural Systems: a new field offering

Are you inclined to be technically competent, socially conscious and skilled with holistic perspective to solve problems pertaining to agriculture?

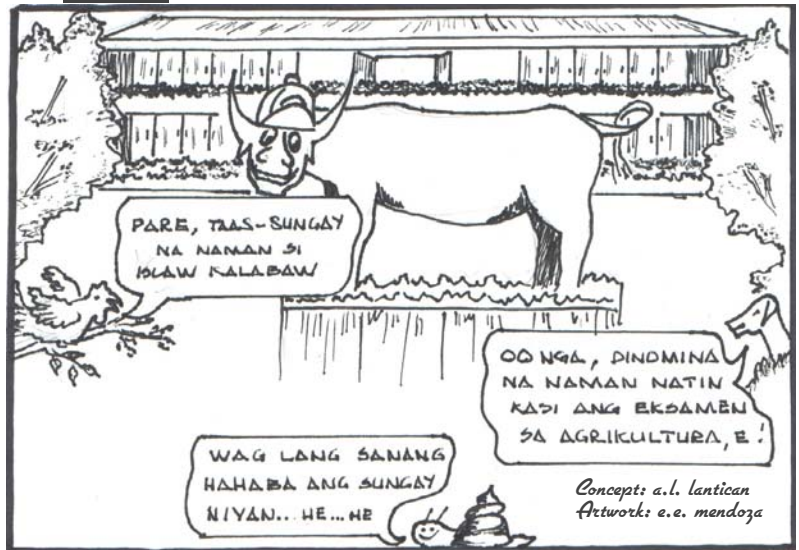
A new major field of specialization, known as the *Agricultural Systems under the Bachelor of Science in Agriculture*, is for you. The Agricultural Systems Cluster, College of Agriculture (ASC-CA), UPLB is offering this course effective 2nd semester 2007-2008. The UP System President, Dr. Emerlinda R. Roman, has approved its implementation effective June 12, 2007. This involves integrative and interdisciplinary nature addressing productivity, efficiency, stability, sustainability and equity in agriculture. Graduates of this program are expected to have strong technical expertise, social consciousness and skills in analyzing and improving the major agricultural systems in the Philippines in the context of farm productivity, stakeholders' well-being and environment. This means that experts in this field are able to internalize the interdisciplinary nature of scientific inquiry in sustainable pro-farmer agricultural production systems; apply appropriate tools and methodologies in analyzing, planning, managing, evaluating and improving agricultural systems; and manage self-reliant, ecologically sound, economically viable and culturally appropriate agriculture or agriculture-related enterprises.

A total of 157 units which include: 39 units general education courses; 73 units core courses; 30 major courses; 6 units thesis/options to the thesis on farm practice, research internship, teaching internship, entrepreneurial internship and extension/community internship; and 9 units elective courses will be prescribed. Core subjects include AERS 142-*Concepts and processes in Agricultural and Natural Resources Knowledge Systems*, SOIL 111-*Soil and Land Use*, AGR 116-*Multiple Cropping*, AGRI 161-*Innovation and Entrepreneurship in Agriculture*, ASYS 145-*Participatory Methodologies in Agricultural Systems Research and Extension*, AERS 160-*Rural Sociology*, 12 units specialized courses, ASYS 199-*Undergraduate Seminar*, AGRI 199-*Colloquium in Agriculture*.

Under this field, ASYS 145 is a new 3-unit, 5-hour/week course offering composed of a 2-hour lecture and a 3-



CA Chika !!!



CPC/CSC scientists win back-to-back awards

The tandem of Crop Protection Cluster (CPC)'s Dr. Oscar S. Opina and the Crop Science Cluster (CSC)'s Dr. Elda B. Esguerra bagged the PARRFI Research and Development Award (for research) given by the Los Baños Science Community Foundation, Inc. (LBSCFI) last July 20, 2007. Dr. Opina received the award at the SEARCA Umali Auditorium in Los Baños, Laguna during the celebration of the LBSCFI-National Science and Technology Week.

Drs. Opina and Esguerra were cited for their project titled "Pre- and Postharvest Disease Management of Mango (*Mangifera indica* L. Carabao) Fruits for Controlled Atmosphere Storage for Global Market Access". The disease management program that they developed for 'Carabao' mango fruits stored under controlled atmosphere (CA) condition has significantly reduced disease incidence and severity during 29 days of storage and a 6-day holding period in air (post-CA). This has resulted in high quality mangoes that are acceptable for eating and marketable for a longer period after CA storage. The research results could help the Philippines reach lucrative but distant markets that require at least three weeks of shipment.

It has been a productive year for Dr. Esguerra, the newly appointed head of the CSC's Postharvest and Seed Sciences Division. Just a month earlier, she won the 2007 Crop Science Society of the Philippines (CSSP) Achievement Award in Crop Science Research given by the CSSP during the 19th FCSSP Scientific Conference at the Development Academy of the Philippines, Tagaytay City. She was recognized for her exemplary contribution to the advancement of the postharvest physiology and handling of tropical fruits and vegetables in the country. She was cited for the development of postharvest technologies not only for mango but also for banana, tomato and onion that have contributed to the competitiveness of these commodities in the world market. (MV Maunahan)

Unit Activities

Unit	Title of Training/Seminar/ Short Course	Date	Number of Participants
ADSC	Basic Training Course for Dairy Farm Workers	July 2 to Sept. 28, '07	145



Personnel News

NEW APPOINTEES

Ara Fatima C. Algar, (FSC) Instructor, effective August 16, 2007 to May 31, 2008.

Lovely Femous H. Vergara, (FSC) Instructor, effective August 16, 2007 to May 31, 2008.

Cesar C. Sevilla, Prof. (ADSC), Central Experiment Station Manager from July 1, 2007 to June 30, 2008.

Nenita L. de Castro, Researcher (ADSC), Public Information Associate effective July 1, 2007 to June 30, 2008.

AWARDEES

29th National Academy of Science and Technology Annual Scientific Meeting July 11-12, 2007

Best Poster

Bonifacio F. Cayabyab, Univ. Researcher (CPC), Edwin P. Alcantara, **Augusto C. Sumalde**, Prof. (CPC), Wilma R. Cuaterno, Blair D. Siegfried and Ma. Charisma Malenab. "Post-Commercialization Monitoring of Asia Corn Borer *Ostrinia furnacalis* (Guenee) Resistance to Bt Corn in the Philippines and the Impact of Pollen Dispersal on Non-Target Lepidoptera".

Professorial Chair Awards covering July 1, 2007 to June 30, 2008

Avelino D. Raymundo, Prof., **Pio A. Javier**, Res. Assoc. Prof. (CPC) and **Calixto M. Protacio**, Assoc. Prof. (CSC), **David H. Murdock/DOLE Asia**

Renato SA. Vega, Asst. Prof. (ADSC), **Elpidio Quirino**

Alberto Y. Robles, Prof. (ADSC), **UP System**

Orville L. Bondoc, Prof. (ADSC), **UP Foundation Inc.**

Teresita U. Dalisay, Asst. Prof. (ADSC), **Pilipinas Shell**

Francisco F. Peñalba, Prof. (ADSC), **Central Bank**

ANNOUNCEMENT

LEAFLETS ABOUT MASTITIS

1. "What you should know about mastitis?"
2. "Mga dapat malaman tungkol sa mastitis" (Tagalog Version)

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ACADEMICIANS, ET. AL. TOUR AGRIPARK

Since its launching last year, the AgriPark (CA's one-stop-shop facility for technology, products, publications and services), is slowly taking its own place as one of UPLB's most visited spots.



During the third quarter of 2007, there was a heavy influx of local and foreign visitors at the park. To name a few, three academicians from Indonesia in the persons of Drs. Syarifuddin Achmad (Vice Rector of Partnership and Development Affairs) Welly Pangayow (Dean of Depatemen Pendidikan Nasional, Fakultas Llumusosia), both from the Universitas Negeri Gorontalo, Kota Gorontalo, Indonesia, and Ani N. Hasan of Gorontalo University, Gorontalo, Indonesia toured the theme gardens even amidst mud and rain showers. After visit, they suggested that the still open spaces should be maximized for vegetable production.

On the other hand, a group of Sangguniang Kabataan (SK) members from Alaminos, Pangasinan also visited the AgriPark as part of their 'lakbay- aral' activities. The youths, who were mostly college students, commented that had they been given enough time, they would have loved to tour the place more. They also remarked that they would share this beautiful experience at the AgriPark to the other SKs in Pangasinan.

Meanwhile, 17 members of the Agri-Aqua Development Coalition (AADC) – Mindanao, a thirteen year old and region-wide coalition of farmers and fisherfolk organizations that envisions to create sustainable rural communities, also visited the AgriPark. No less than CA Dean Candida B. Adalla welcomed them and explained about 'Insekta Filipiniana' (butterfly park), with the butterflies of different colors gracefully flying inside the cage. She also discussed the transgenic garden (another feature of the butterfly park) that showcases Bt corn and honeybee as they co-exist in harmony.

The integrated crop production garden of safe foods also caught the interest of the visitors. Again, the dean explained that the garden showcases the use of compost, bio-fertilizers and biocides including



Student Corner

PASIKLABAN 2007 and 14TH ANNIVERSARY PAFT β CHAPTER

Sportsfest—August 17, 2007

**Quiz contest, Lamon at Lagok, Reloaded,
Symposium, Thanksgiving Mass, Outreach
Community Extension, Open Tambayan and Annual
Exhibit**

BSA...from page 2

hour laboratory. It introduces the students to a range of participatory methodologies in research and extension that address issues on: equitable distribution of benefits from agricultural production; strengthening capacity of farming communities to improve indigenous knowledge systems and learn new ways of improving productivity; systems approach to understanding the synergy between technological change and the socio-cultural, economic and political dimensions of agricultural innovation; and sustainable productivity through proper management of natural resources. This course is designed to equip students with necessary skills and insights in integrating technical and social concepts in improving rural livelihoods through participatory methodologies in agricultural systems research and extension. Among its prerequisites are AEC 1 and AGRI 111 or consent of instructor (COI).

BSA (Agricultural Systems) graduates could work as researcher, teacher, training coordinator/facilitator, rural development planner, extension officer, agri-entrepreneur, agricultural manager/ consultant and a lot more.

Availing of this course as early at its maiden offering this 2nd semester will open new doors for your bright and challenging future. Come, visit and inquire about this new course at the ASC-CA, UPLB from Dr. Lutgarda L. Tolentino (ASC Deputy Director) at tel. no. (049) 536-2548 and from Dr. Blesilda M. Calub (University Researcher) at tel. No. (049) 536-2459/3229 (SC *Seminiano*).

Agripark.....from page 3

'earwig cum trichogramma'-based management of common insect pests of vegetables.

Most women members of AADC were interested about the 'livestock royale'. Hence, they asked many questions about goat production and management to Elizabeth Beltran, one of the study leaders of this particular component of the AgriPark.

Over at 'Herba Hortikultura', it was the first time for the visitors to see a variety of herbs and spices, medicinal plants and source of essential oils located in just one place.

The Edible Landscaping, on the other hand, gave the visitors an idea that landscaping with the use of vegetables, instead of ornamentals, is worth replicating in their own homes.

Lastly, there was also a demonstration on the grafting of plants using EG 203 eggplant variety as the rootstock and casino variety as the scion. The EG 203 variety is resistant to wilting; thus, the plant would also be resistant to wilting once it bears fruit. Grafting 'solanaceous' vegetables like eggplant and tomato was also shown to the visitors.

As a general comment, the AADC members said that visiting the CA's showcase of agricultural technologies was a great opportunity for them to gain more knowledge on agricultural production, which they could share with their respective communities.

Other agencies/institutions/offices whose constituents had visited the AgriPark include:

Asian Association of Agricultural Colleges and Universities (which is based in SEARCA), Apayao State College, Nestle Makati, Camarines Sur State Agricultural College, and duck raisers from Siniloan, Laguna.

Meanwhile, as part of the services being offered by the AgriPark, two techno demos on meat and fish processing were already conducted for housewives from Brgy. Bambang, Los Baños, Laguna and for members of the Gender and Development Council of the Office of the Mayor of Los Baños. This activity was held in collaboration with the Agricultural Systems Cluster and Food Science Cluster, both from CA, UPLB. (*IM Gesmundo*).

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We welcome donations for AGG.
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