### In sustaining the Region as cradle of highland agriculture: BSU's potential as 'research hub' of CAR Multi-agency team of experts evaluate BSU researches

(CHED)-funded research projects presently conducted by Benguet State University (BSU) were presented for a rigorous monitoring and evaluation during a multi-agency and expert-packed review on February 27-28 at the BSU-Gladiola Center.

The said research projects are under the Research and Development (R and D) Program "To sustain the Cordilleras: Cradle of Highland Agriculture" of BSU-Higher Education Regional Research Center (HERRC).

In a pre-recorded video message by Dr. Napoleon K. Juanillo, director of CHED Office of Planning, Research and Knowledge Management, he assured that with these continued collective efforts, his office is committed to support BSU as the 'regional hub of research in the Cordilleras.'

"We are fully appreciative of your R&D efforts to have meaningful exchanges among BSU scientists, researchers and scholars as you review a range of researches and studies in agriculture,

Fourteen Commission on Higher Education forestry, education and the social sciences", Juanillo said. He also avowed that he joins BSU in its "common pursuit to produce new knowledge, generate collective enthusiasm for new information and exploration that can eventually be beneficial to the country's development."

#### Social, Education, and Health Researches

Acknowledging that community people have the concern and the power to sustain the Cordilleras, six research projects are dedicated to social, education, and health researches. These include: Influence of State Universities and Colleges (SUC) Accreditation to the Educational Management of the Institution; Contextualizing Teaching Practices in a Diversified Classroom: An assessment; Models of Successful School-based Management by School Heads: An Impact Analysis; Physical and Environmental Dimension of Wellness of SUC Employees in CAR; Socio- cultural Studies: Reworking Gender, Reclaiming Culture, and Communicating Development; and, Factors Affecting Lifestyle and Health Status of Pocket Miners of Benguet.

Dr. Erlinda C. Palaganas of the University of the Philippines-Baguio and one of the evaluators for the social, education, and health researches, emphasized that the researches are very helpful in policy- making especially in education and governance. Dr. Palaganas mentioned the research project "Reworking Gender, Reclaiming Culture, and Communicating Development Multi-agency...page 5

### Faculty Club President is Gurong Patnubay Awardee

Dr. Dominador Garin receiveing his award during the 6th PASSAGE Biennial Conference and International Research Symposium on

Dr. Dominador S. Garin, of the College of Teacher Education was recognized by the Philippine Association of

February 7, 2014 at the Cebu Business Hotel,

Agri-vironment Educators and Entrepreneurs (PASSAGE), Inc. as the 2014 Outstanding Teacher Awardee (Gurong Patnubay Awardee).

Dr. Garin received the award during the closing program of the 16th PASSAGE Biennial Conference and International Research Symposium on February 7, 2014 at the Cebu Business Hotel, Cebu City.

The award citation reads, "For his exemplary performance and accomplishments as an educator and a government servant. He is an effective molder of young minds exemplifying creativity and innovativeness in discovering and developing the great potentials of his students in the pursuit of better lives. He has achieved the noble goal of shaping young minds through the trilogy of function of an educator: teaching, research, and extension."

In the same event, Dr. Garin presented a tracer study he co-authored with Dr. Salvacion Beligan titled, "Bachelor Graduates of the Benguet State University, Philippines: Study and Work Transition." He was also elected as the PASSAGE Vice President for Luzon from 2014-2016.

Dr. Garin is currently the president of the BSU Faculty Club Federation.//

#### **VISION**

A Premier State University in Asia

#### **MISSION**

Development of people imbued with academic excellence, social conscience and productivity; and actively generating and promoting environment-friendly, useful technologies to improve the quality of life.

#### **GOALS**

- 1. Strengthen and sustain a working environment conducive for excellence;
- 2. Provide quality education that will produce globally competitive and well-rounded graduates;
- 3. Provide quality and client-responsive research and extension services;
- 4. Strengthen, and enhance institutional capability in generating revenues towards self-reliance;
- 5. Develop and strengthen quality management systems towards economy; and
- 6. Strengthen and expand public-private partnerships.

-Board Res. No. 2222, s.2013



Shamag, an Ibaloi term that means news, is the official publication of Benguet State University. It functions as the University's mouthpiece for its accomplishments and is likewise a communication tool among BSU constituents. It started as the MSAC Newsletter in the 1970s to meet one of the requirements of then, the Department of Education, for a college to be elevated into a university. Hence, Shamag came out as the University newsletter in 1996.

#### EDITORIAL BOARD EDITOR

Gilda Victoria B. Jacalan

#### **PROOFREADER** Sheryl I. Fernando

**LAY-OUT AND PHOTOGRAPHER**Jennyline L. Sabado-Tabangcura

#### WRITERS

Jasmin Pe Kiaso Rhe-ann Ngayaan Joefrence Yangyang

#### PHOTO CONTRIBUTOR

Sheryl I. Fernando

#### CIRCULATION STAFF

Emily P. Salazar Alejandro D. Nono Records Office

EXECUTIVE CONSULTANT Ben D. Ladilad Articles, pictures, comments, suggestions, reactions, and letters to the Editor may be submitted to: the Editor/Associate Editor, Shamag, BSU-Public Affairs Office, La Trinidad, 2601 Benguet.

Contributions will be acknowledged but the editors reserve the right to determine articles to be published based on adherence to topic guideline, time, and space limitations. Anonymous contributions will not be considered.

### Phone Numbers: (6374) 422-2127, 422-2402 loc. 69

E-mails may be sent to: gvjacalan@yahoo.com.ph jstabangcura@gmail.com publicaffairs@bsu.edu.ph

# ICT Division gears up for worldwide knowledge sharing

The ICT Division is taking initial steps to equip University personnel with technical skills in sharing knowledge products with the local and global community through ICT.

One of these initial steps is the conduct of a seminar workshop on February 24. The lecturers are Stephen B. Alayon, Data Bank Senior Information Assistant of the Southeast Asian Fisheries Development Center (SEAFDEC) based in Iloilo; Rosanna P. Mula, Special Project Scientist of the International Crops Research Institute for the Semi-Arid Tropics (ICRISAT); and Lauren P. Kipaan, College Librarian of BSU and proponent of the CARIANA.

The seminar-workshop titled, "Knowledge Sharing Through Information and Communications Technology," focused on the management of a digital repository using DSpace and online courses.

Mr. Kipaan introduced the participants to DSpace and to the BSU Digital Library (http://digilib.bsu.edu.ph:8283/greenstone/cgi-bin/library.cgi). DSpace is free and open source software that preserves and enables easy and open access to all types of digital content including text, images, moving images, mpegs, and data sets. Later on, Mr. Alayon described DSpace as a tool to capture, describe, disseminate, and preserve digital research materials.

Dr. Mula of ICRISAT introduced the participants to ICRISAT's AgEd Open Courseware and facilitated their real time enrollment to some of the online courses.

There were 32 participants coming from the Office of the VP for Research and Extension, College of Agriculture, Buguias Campus, Benguet Vegetable Processing Center, HORTI, University Public Affairs Office, College of Veterinary Medicine, NPRCRTC, ULIS, Bokod Campus, Institute of Social Research and Development, NOARDC, IPB-BSU, HERRC, and IPRO.//



Stephen B. Alayon, Data Bank Senior Information Assistant of the SEAFDEC based at Tigbauan, Iloilo with ICT Division Director Paul Garcia and CA Faculty Ma. Luz Fang-asan during the Knowledge Sharing seminar held on February 21, 2014, BSU Main Campus//

# CA turns 28

The College of Agriculture (CA) celebrated its 28th Anniversary from February 17-21 with the theme, "Getting Stronger Towards Globalization".

During the Closing Program held on February 21 at the CA lawn, BSU President Dr. Ben D. Ladilad emphasized positive attitude, commitment, and working as key elements towards achieving globalization. These traits are pertinent to realize the goals of cross border education and international accreditation.

Dr. Ladilad lauded CA's achievements as presented by CA Dean, Dr. Leoncia L. Tandang. Among these achievements are the accreditation of the degree of BS in Agriculture as level IV qualifier by the Accrediting Agency for Chartered Colleges and Universities in the Philippines (AACUP)and the declaration of CA as the National University/College of Agriculture NUCA for CAR )by the Commission on Higher Education (CHED).

Dr. Nancy Bantog, who graduated Magna Cum Laude with the degree of BS in Agriculture in 1987 graced the occasion as the Guest Speaker. Currently the Assistant Regional Director for Field Operations at DOST-CAR, Dr. Bantog was introduced by her college mentor, Prof. Alexander Fagyan, as one of the family members of CA.

In her message, Dr. Bantog raised three major concerns for the CA family to analyze towards globalization. These are the declining number of enrollment for BS in Agriculture and other agriculture related courses, the low productivity of the agriculture industry, and how to meet the standards of the global market.

She mentioned figures in relation to the issues. In the 2013 Licensure Exam for Agriculturists, there are only 1,712 who passed out of 4,861 examinees. Likewise, the agriculture industry contributes only 11% to the Gross Domestic Product (GNP) of CAR. She further related that the factors attributed to these figures are the out





**Thai Vice Governor visits BSU.** BSU officials led by President Ben D. Ladilad welcomed Phichit, Thailand Vice Governor Wachara Tippilar and Party accompanied by La Trinidad Mayor Edna C. Tabanda during a courtesy visit to the University on February 24, 2014. Gov. Tippilar is in La Trinidad for diplomatic talks with the Local Government Unit.//SIFernando



## **BSU Vets celebrated Vet Med week**

The College of Veterinary Medicine (CVM) joined the rest of the Philippines in celebrating the National Veterinary Medicine Week on the third week of February.

The Vet Med Week is an annual national celebration per Proclamation No. 1941 signed by President Ferdinand E. Marcos in 1980.

But even if the national celebration is only for a week, CVM decided to celebrate it for the whole month of February with the theme, "Globally-Competitive Veterinarians Amidst Global Opportunities".

Activities conducted for the celebration included different training activities on: layer production; basic laboratory animal handling and restraint techniques; and blood collection

#### Recent CVM student achievements...

NATIONAL VETERINARY QUIZ 2013

Ariane Danglose, Jessica Eugenio, and Rachel Linomta-2nd Runner Up NATIONAL VETERINARY QUIZ 2014

Ariane Danglose and Janica Mapalo

-4th Runner Up

"ANO" PHOTO QUIZ 2013

Ariane Danglose, Jessica Eugenio, and Rachel Linomta -1st Place

"ANO" PHOTO QUIZ 2014

Ariane Danglose, Harmon L. Nicer -3rd place

POULTRY QUIZ BEE 2013

Ariane Danglose, Janica Mapalo, and Jay Cariño -1 st Place

1st TOTAL RECALL QUIZ 2013

Ariane Danglose, Jessica Eugenio, and Markee Angelo Micu

-2nd Runner Up

KANNAWIDAN FESTIVAL 2014, ILOCOS SUR

Aveline Lacaden-Rodeo Queen
CVM Rodeo Team led by Capt. Meller Nabus
-1st Runner Up, Rodeo Competition

CHET-HRM PHOTOGRAPHY CONTEST 2013

Syeda Hussain -1st Place

Grace Camdas -2nd Place

CHET-HRM ON-THE-SPOT-

**ESSAY-WRITING CONTEST 2013** 

Samantha Aquino -1st Place 15TH REGIONAL HIGHER EDUCATION PRESS CONFERENCE 2014

Harmon L. Nicer

-Champion, Literary Graphics Illustration in English

-1st Runner Up Editorial Cartooning in English

techniques in mice, rat, guinea pig, and rabbit. CVM students also spearheaded a parade, dog fun run, games, the Search for Mr. and Ms. CVM 2014, and several quiz bees.

Shamag

According to CVM Dean, Dr. Ruth Diego, these activities aimed to promote veterinary medicine, animal health, and the curricular programs of the college. She added that CVM had an increase in enrollment because of the increasing local and international demand for veterinarians.

#### A general look at the CVM

Aside from being the only school for vets in the Cordillera, the CVM is also home to student achievers. For the year 2013, CVM listed a passing rate of 40.38% in the licensure exams surpassing the national passing rate of 39.61% with one of the examinees, Dr. Jessica Eugenio, making it to the Top 6. The CVM Rodeo Team was also 1st Runner Up during the 1st Rodeo Competition of the Kanawidan Festival at Vigan, Ilocos Sur. Another student, Harmon L. Nicer was champion in Literary Graphics Illustration and 1st Runner Up in Editorial Cartooning during the 15th Regional Higher Education Press Conference.

Likewise, the BSU Animal Hospital serves as a student laboratory as well as the research and extension arm of the college. According to University Veterinarian, Dr. Melie Ann Salic-o, a BSU graduate, most of the cases they receive in the Animal Hospital are on the treatment, vaccination, and deworming of dogs followed by services for fighter cocks and broilers. Consultation services for large animals such as swine and cattle are done in the field and are already part of the hospital's consultation services.

In a way, the hospital has become a sanctuary for stray animals. Aside from the stray cats and dogs, the hospital also received three Scoop's Owl from January to February retrieved from Barangay Balili. Dr. Salic-o said that the cold weather or a threat to their environment must have forced the owls to stray into the residential areas. Out of the three owls, one was already released to the DENR, one is under observation at the hospital, and the other one did not survive as it was already very weak when it arrived at the hospital. After treatments, the stray cats and dogs are released to interested pet owners.

The Animal Hospital can accommodate a maximum of 20 inpatients for infectious and non-infectious cases. It has an infectious area, information area, pharmacy, surgery room, x-ray



## BSU-SLS bags 6 silvers, 3 bronzes in CARAA

BSU high school students started the year with various awards received from athletic and academic competitions.

During the recently concluded Cordillera Administrative Region Athletic Association Meet, 26 athletes from the BSU Secondary Laboratory School contributed six silvers and three bronzes to the Benguet team.

The silver medal earners are: Aren and Airei Mei Alingawad (Lawn Tennis Doubles); Reginal Lorenzo and Mae Ann Abellera (Wushu); Carl Dave Aquino, Joshua Collado, and Allen Flores (Football); Krisoline Carantes (Softball); and Jevie Alingay, Kyla Gervaise Balacwid, Destiny Bantila, Mylene Bulsao, Layden De Jesus, Ronalyn Fianza, Jaquiline Gonzaga, Sheena Maguide, Nova Ogas, Lovejoy Raguro, Phoebe Wacnag, and Hanna Tayab (Futsal). And the bronze medal baggers are: Gilian Clave, Praise Mendoza, and Cherelline Sabado (Volleyball); Ezer

#### Multi-agency...from page 1

consisting of five studies, namely: Timeuse Analysis: An Indigenous Household as Site for Negotiation in Shaping Community Life; Artifact Speaks: Validating Cultural Meanings of Artifact: Parenting Too Soon: Child Care and Academic Concerns of Student-mothers in CAR; Priority Health Concerns and Gender Discussions of Health Policies and Programs in the Municipality of La Trinidad; and Communication Strategies of Pesticide Companies and their Effect to Habits, Practices, and Attitude of Farmers in Benguet Farming communities" as a very straight- forward project that elucidates present endeavors while providing framework and solutions for its stakeholders. The evaluator even mentioned one of the five studies of the projects dealing with time-use analysis that should be recommended to be mainstreamed as educational publication.

Moreover, Noemi A. Isidro of the CHED monitoring team articulated that the researches are relevant in addressing social issues given that the methodology is carefully planned and executed. She specified the study titled "Factors Affecting Lifestyle and Health Status of Pocket Miners of Benguet," which can be a basis to help address a present need but requires

Langcayas Hugh (Wushu); and Espino Tiwan (Chess).

In summary, Benguet had a total medal count of 30 golds, 62 silvers, and 81 bronzes positioning itself next to Baguio City, the overall CARAA 2014 champion.

Showcasing academic prowess are Joy Armela Bautista, Emiliano Casi Jr., Johnson Diego, Raymart Paul Lando, and Samsi Wanli Nahial are 5th Placer in the Math-Physics Quiz Bee during the 10th Inter-Highschool Brain Collission at St. Louis University last January 18; Nahial, Lando, Renelyn Tambic, Jocylyn Saley, and Daniel Dolipas, 10th Placer in Lay-outing (Mt. Breeze), 9th Placers in Pahinang Pampalakasan as well as 6th Placer in Pahinang Editorial during the Regional School Press Conference in Bucay, Abra.

Meanwhile, Jasmine Malit and Carlyle Malinias enjoyed triumphantly the 1st Place in Mathematics 8-Division Team competition and 2nd Place in Mathematics 3rd Year-Division Team competition

during the 2014 Metrobank-MTAP-DepEd Match Challenge held last January 31 at Wangal, La Trinidad; Johnson S. Diego, Vanessa Rose L. Meana, Jherlyn Q. Jaco, Natsuki Joy Alcos, Jimreen B. Coligman, Renelyne C. Tambic, and Wruchelle T. Wasit (SLS Team A) came out the overall champions in Group Quiz Bee, Spelling Bee, Poster Making, Painting, and Essay Writing both in Filipino and English during the Easter College Academic Festival held last February 4 at Baguio City. This team was followed by SLS Team B as overall 2nd Runner-up in the same event. SLS Team B members are Catherine G. Pias, Ruthlyn C. Tambic, Alister Domilies, Milliscent Lucio, Erica Joyce Sapalit, Cherry Shane S. Bao-in, Janille B. Aticao, and Christine A. Padon.

Alladin Banez, Raymart Paul Lando, and Catherine Pias also participated in the 25th Annual Math-Physics Interschool Quiz Show (Luzonwide) held on February 8 at the UP-Baguio, Baguio City.







BSU-SLS students who participated to the 2nd Regional Technolympics held at Pudtol, Apayao on February 20-22, 2014 and SLS OIC Principal Dante Miguel pose with VP for Academic Affairs, Dr. Percyveranda A. Lubrica with their certificates. The students are Charlene May Gonsoden - first place in Creative Nail Art and Hand Massage -coached by Prof. Letecia C. Tul-ing, Revale S. Heyres - first place in Pumkin Pie Making - coached by Prof. Emelda Villa, and Samsi Wanli Nahial - first place in Project proposal for Layer Production - coached by Prof. Diego Dumapis.

reconsideration of the methodology used in conducting the research.

Dr. Palaganas and Ms. Isidro were joined by Ms. Mayumi G. Belandres and Ms. Adelma C. Tercia both from CHED monitoring team as evaluators of the social, education, and health researches.

### Agriculture, Forestry and Natural Resources Researches

As the cradle of highland agriculture, eight research projects presently conducted are devoted to agriculture, forestry, and natural resources, as well as other related researches.

These projects include: Population Dynamics of Major Pathogens and Insect Pests of Selected Crops Grown in Three Agro-ecological Zones of the Cordillera Administrative Region; Local Antisera Production for Seeds and Planting Materials Certification of Selected High Value Crops in the Cordillera; Tissue Culture of Endemic Ornamental Plants; Addressing Bio-diversity Loss Through Conservation and Utilization of Indigenous Food Crops: Adaptation Strategy to Climate Change Effect in the Cordillera; Profiling, Propagation, and Utilization

Multi-agency...page 6

## BSU is fitted out to be a beekeeping hub in CAR

What used to be a supplemental source of income for most of small holder farmers and landless peasants, the beekeeping business can now be reversed. With the right weather condition prevailing at the Buguias Campus (BSU-BC) in Loo valley, the prospect of a lucrative business of breeding the queen bees is quite within reach. The Cordillera Region used to be one of the top sources of honey. But with reckless ways of farming like conventional farming, honey harvests had started to decline. It has been claimed also that honey bee population has been lost because of heavy use of pesticides and parasites. This is particularly worrisome since honey bees pollinate many of the flowering plants we eat, including broccoli, cucumbers, strawberries, and other high value crops.

To boost the beekeeping industry, Congress enacted RA No. 9151 in 2001 that led to the establishment of the National Apiculture Training and Development Institute (NARTDI) with primary mandate to educate and train beekeepers and apiculturists, conduct researches, and extend apiculture/beekeeping technologies. In carrying out these functions, NARTDI establishes Apiculture Satellite Centers in cooperation with SUCs, LGUs, and other GOs and NGOs.

The BSU-BC Apiculture Satellite Center now known as the Cordillera Regional Apiculture Research and Development Center (CRADC) is one of the Satellite Centers established in 2010. The queen bee rearing is at the Buguias Campus in Loo Valley. This development initiative has been made possible in cooperation with the DMMMSU-NARTDI of Bacnotan, La Union. As stipulated in the MOA inked by the two SUCs, the DMMSU-NARTDI, among others, shall help the BSU-CRARDC formulate an apiculture/beekeeping research and development program. With this engagement, the former included the BSU to join the

BSU gears up...page 8



President Ben D. Ladilad with VP for Research and Extension visiting a bee products processing facility in Canada last year.//

## Forestry Week gives focus to 'making peace with nature'

The College of Forestry through its dean, Dr. Vicente T. Wacangan, spearheaded the University celebration of the Forestry Week from February 17-21 themed "Man: Being the greenest force in making peace with nature".

The yearly celebration of the Forestry Week is led by the Future Foresters Society (FFS), a student organization of the college. The annual event has been celebrated as early as the 1980s to build camaraderie among students, faculty, and staff as well as provide a venue for students to showcase their skills and to promote forestry.

CF Dean, Dr. Vicente Wacangan, added that the different activities for the Forestry Week are in preparation for the National Forestry Olympiad and in support to the latest CHED Memorandum on student organizations.

The theme encourages environment conservation collective efforts among University constituents and the public. FFS treasurer, Virginia Sito, explained that by depleting natural resources which results to calamities, humanity is tantamount to being at war with

#### Multi-agency...from page 5

of Indigenous Trees Used as Teas (mountain teas) in Benguet; Agroforestry as a Strategy for Climate Change Adaptation and Mitigation; Field Trial of Rooted Deguai Cuttings; and Animal Clinic to Address Emerging Diseases due to Climate Change.

While the social and education researches proved to be very useful in policy recommendations, Randy S. Tubal, one of the evaluators remarked that the technical researches are very timely as these cater to the needs of the farmers and support the programs of line agencies like the National Regreening program of the government. He also commented that fund is important for

nature

Sano Ngiwas, head of CF's Social Forestry and Influence Department, said man should make peace with nature by putting a halt to destructive activities like logging and irresponsible waste disposal. Thus, activities for the Forestry Week included eco-walks where the participants picked garbage along the way. Similar activities featured during the celebration included exhibits, landscaping, wall painting, quiz bee, film viewing, and writingart contests. There were also seminars conducted about forestry opportunities, fire prevention and earthquake drill, climate change adaptation and mitigation strategies, forest mensuration and biometry, wood identification, surveying, and development policies and programs.

Lastly, Ngiwas included the important role of a forester: initiate a comprehensive information and technology campaign on environmental conservation, implement and obey forestry laws, and when licensed, can apprehend and file a case against illegal logging activities.//

the continuity of some of the studies as these require more than a year to generate accurate research results.

Tubal of the Department of Environment and Natural Resources joined the team of Dr. William C. Medrano, former CHED commissioner and now affiliated with the Isabela State University (ISU), Dr. Teresita K. Mangili of Bureau of Plant Industry, Dr. Romeo A. Gomez of BSU-Open University, Dr. Dante M. Aquino of ISU-HERRC, and Dr. Sonwright B. Maddul of HARRDEC.

Aside from reviewing the researches, these experts *Multi-agency...page 8* 

# Shamag

# The MC bags awards, improves ranking in CAR

The Benguet State University's The Mountain Collegian performed well in both group and individual contests bringing home six awards in the group category and another six in the individual during this year's 13th Luzonwide Higher Education Press Conference held at Batis Aramin Hotel & Resort, Lucban, Quezon on Feb. 12-14.

Contributing to the Team Cordillera Administrative Region (CAR), MC's papers complemented to the Regions' total points that made it to the 4th Place DevCom Page; 7th Place Feature-Literary Page (Broadsheet Category); 3rd Place Editorial Page and 7th Place Feature-Literary Page (newsletter); 5th Place News Page (Magazine); and 10th Place Feature- Literary Page (Tabloid).

On the other hand, the following MC staff won in their respective events: Juman Kevin Tindo captured 2nd Place in Feature Writing (English) and 8th Place in Copy Reading and Headline Writing (English); Arniel Dumigsi, 2nd Place DevCom Writing (Filipino); Cindy Juliet Esther Guerrero, 3rd Place Feature Writing (Filipino); Bobby Mc Gee Lee, 4th Place Editorial Writing (English); and Harmon Nicer, 10th Place Editorial Cartooning (English).

Group competition results show that Team CAR seized the following places: 1st Place (1), 3rd Place (3), 4th Place (4), 5th Place (2), 6th Place (1), 7th Place (3), and 10th Place (1) earning 83 points as compared with last year's 9 points.

For the individual category contest, out of around 739 delegates, CAR reaped the following: 1st Place (3), 2nd Place (4), 3rd Place (3), 4th Place (2), 5th Place (1), 6th Pace (3), 7th (8), 8th Place (1), 9th (1), and 10th (5) accumulating 180 points as compared with previous year's 75 points.

After bagging 31 awards in individual contest and 13 in group contest, Team CAR escalated in performance to emerge as the overall 4th Runner-up, a level higher than year's (5th).

#### CA...from page 3

migration from the rural areas and aging farmer communities, which become a threat to food and economic security.

"We should not be allowing this in our time," she said and then inspired the students to love their course because being an agriculturist is a noble and dignified profession.

Dr. Bantog ended her message by acknowledging the CA faculty, staff, students, and BSU as a whole for their efforts in trying to reverse these situations by working together.

A series of activities followed to commemorate the occasion. These activities include entrepreneurial activities by CA student organizations, lecture on Gender and Development, organic salad competition and horticultural arts and chicken dressing contests.//

Vets celebrated...from page 4 room, laboratory, confinement area, necropsy, and offices. For the last ten years, the improvements on infrastructure, equipment, and manpower plus updated veterinary stocks increased the number of clients that can be accommodated at one time. This situation means more cases and learning

Over 141 universities and colleges coming from Regions I (Ilocos), II (Cagayan Valley), III (Central Luzon), IV-A (CALABARZON), IV-B (MIMARO), V (Bicol), and CAR participate in the event that had VII (Cebu) as the guest delegate. This year, the team listed 263 total points from last year's 84 points.

The top 10 Placers received certificates of recognition in both categories, plus trophies for the first five in the group contest.

Team CAR was composed of Kalinga Apayao State University's Earthline, University of the Cordillera's The Alternative, Baguio College of Technology's The Atom, King's College of the Philippines-Benguet's The Loquitor, Benguet State University's The Mountain Collegian (MC), and Saint Louis University's White and Blue as well as the respective publications of Abra State Institute of Science and Technology -Main, Bangued and Lagangilang campuses, Divine Word College of Bangued, Ifugao State University, Keystone College, and Mountain Province State Polytechnic College.

Themed "Campus Press: Webbing Accountability and Influence to Nationalistic Fervor", the said conference was keynoted by Prof. Eros S. Atalia, faculty of Arts and Letters, University of Santo Tomas. Atalia is a recipient of Don Carlos Palanca Memorial Award 1st Prize for Literature in 2006.

According to Atalia, "Ang isang tunay na dyurnalist ay nakatatanto ng kaibhan ng pulitika sa pakikitungo sa administrasyon, ang tsismis sa balita; napag-hihiwalay niya ang usapin sa usapan, at napag-papasyahan niya kung kaylan bubulong at sisigaw". "Ang lahat ng pagsasanay na ito ay paghahanda sa mas malaking mundo, totoong mundo, hindi nagbibirong mundo," bigkas pangwakas ni Atalia.//Rhe-Ann B. Ngayaan, BEE '15

opportunities for the students. Ms. Laura Criselda Batterina, the X-Ray technologist, added that more veterinarians are already interested in becoming partners with the hospital.

The Animal Hospital is open from 08:00AM to 05:00PM from Monday to Saturday and as part of the Veterinary Week Celebration was a 50% discount on rabies vaccination fee availed of for the month of February.

With further increase in manpower, budget, and equipment such as ECG, Blood Chemistry Analyzer, Anesthesia Machine, Ultrasound, Endoscope, and other similar gadgets, hospital staff Ms. Baterina, Dr. Salic-o, and Dr. Gil Calderon are one in hoping that the the Animal Hospital will soon become the center diagnostic laboratory in the Cordilleras maintaining a 24-7 operation.

The hospital is listed as an Income Generating Project of BSU with Dr. Jocelyn M. Runas as the project manager. However, it also operates following the BSU mandates along instruction, extension, and research. One of its advocacy campaigns is the mass anti-rabies vaccination for dogs.//

#### BSU is fitted out...from page 6

Philippine Delegation in a Study Tour aimed at enhancing SUCs Administrators on beekeeping. The destination is at the heart of Canada, the Manitoba, where advance information and technology on beekeeping in general are acquired to try in places with similar climates.

During the visit of the Canadian Executive Service Organization (CESO), one of Canada's leading volunteer-based development organizations since 1967 and a development partner of NARTDI since the DA included apiculture as one of its national priority programs, Lead Volunteer Advisor (LVA), Dr. Peter Veldhuis, and CESO Country (Phils) Representative, Mr. Matt Navalta, at the Benguet State University on February 21, interesting interactions on beekeeping ensued that led to a promising and mutually beneficial working relationship between the two organizations.

To date, the following training activities are scheduled to take place from April to December 2014: 4-week course on Queen Bee Rearing (Apr/May), 2-week Entrepreneurship Development and Organizational Effectiveness (May/Jun), 2-week Quality Assurance (Jul/Aug), and a 3-week Project Proposal Writing and Finalization of Project Proposals.

Lastly, Mr. Navalta challenged BSU to consider establishing a Bee Interpretation Center that serves as a showroom among others for a variety of honeybee products and by-products and also to present videos of interesting aspects of the honeybees' life cycle and other related stories of the amazing insect!

Moreover, during the meeting, Dr. Peter Veldhuis, Mr. Matt Navalta, Dr. Pablo Masiong, coordinator of DMMSU-NARTDI, and BSU officials led by President Ben D. Ladilad explored and deliberated on areas of mutual concerns. Among these collaborative areas are on beekeeping (queen) culture and processing, quality assurance management, project proposal writing, and establishing a Center that will showcase beekeeping technology and information in a variety of channels. Mr. Navalta also shared the following interesting information about honey bees.

There are three types of honey bees: workers, drones, and queens each functioning a specific task that contributes to the success and survival of the hive.

The Workers---these bees are sexually immature female honey bees

with stingers. They are responsible for the construction of the hive and its maintenance, a task they perform by generating currents of fresh air with their wings. Honey bee workers are also responsible for protecting, cleaning and feeding the hive's queen and larvae. They roam the skies searching for pollen, which they extract and bring to the hive to store as food. After discovering a new source of food, a worker will return to the hive and perform a dance to let others know of its location. Workers produce honey by combining the nectar they collect from flowers with certain enzymes and taking out the moisture. And finally, workers produce beeswax through glands in their abdomens and use to store honey. Worker, indeed!

The Queens---every honey bee colony has a queen, the largest bee in a hive. She is a sexually mature whose sole purpose is to reproduce. Honey bee

workers designate their queen while she still in the larval stage by encasing the larva in a special cell that is larger and more vertically oriented than others. They feed the queen larva royal jelly, a substance they extract from glands on their heads. This substance causes the larva to become sexually mature. Queen honey bees can lay up to 2,000 eggs a day. When a hive's queen dies, workers merely select a successor.

The Drones---these bees are the stingless male honey bees that are slightly larger than worker bees with eyes twice the size of those of other honey bees, giving them enhanced vision. Their main task is to mate with and fertilize the queen. When she is ready, up to 18 drones will mate with the queen in flight. In spring and summer, hundreds of drones inhabit a hive. In the winter, when food becomes scarce, worker bees often throw the drones out of the hive.//

#### Multi-agency...from page 6

together with the CHED monitoring team along with faculty researchers and support staff visited experiment sites in Tublay, Benguet and in various experiment stations within BSU Main Campus compound.

Meanwhile, the subsidy for these research projects is part of the CHED's effort to advance technology production and knowledge generation through the establishment of HERRCs across the nation. In Cordillera, two HERRCs were established each in BSU and SLU.

In BSU, the fund utilization is dedicated to both social researches dealing on gender, health, and education, and technical researches on agriculture, forestry and natural resources. The research projects are being spearheaded by different faculty researchers of BSU through the leadership of HERRC Director, Dr. Belinda A. Tadawan.// Jasmin Pe Kiaso with reports from Joefrence S. Yangyang



**RAATI Season.** President Ben D. Ladilad with RAATI 2014 Chairman Col. Pedro C. Dulos, BSU NSTP Coordinator, Angel Cawat with BSU-ROTC Unit Commandant marched past ROTC Cadets last February 27, 2014. Results are still to be released.//