



Annual Report 2007

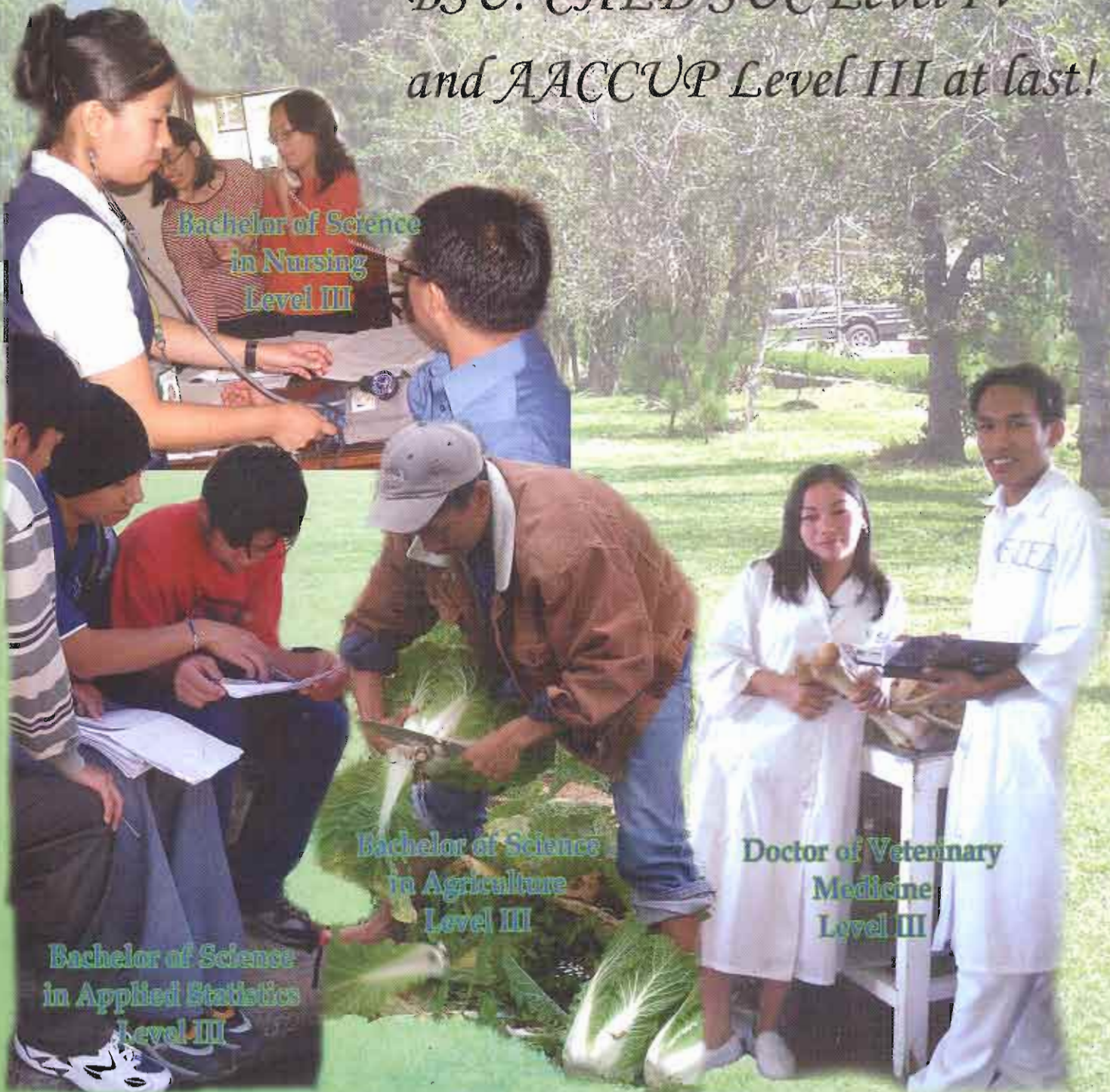
*BSU: CHED SVC Level IV
and AACCUP Level III at last!*

*Bachelor of Science
in Nursing
Level III*

*Bachelor of Science
in Agriculture
Level III*

*Doctor of Veterinary
Medicine
Level III*

*Bachelor of Science
in Applied Statistics
Level III*



University Board of Regents



HON. SATURNINO M. OCAMPO JR.
Chairman and Commissioner, CHED



HON. ROGELIO D. COLTING
Vice Chairman and President, BSU



HON. ALLAN PETER S. CAYETANO
Chair, Senate Committee
on Education



HON. CYNTHIA A. VILLAR
Chair, House Committee on
Higher and Technical Education



HON. JUAN B. NGALOB
Director, NEDA-CAR



HON. BEN D. LADILAD
Director, DOST-CAR



HON. CARLOS P. LUMA-ANG
President, Faculty Club Federation



HON. JESSON Y. DEL-AMEN
President, BSU Alumni
Association Inc.



HON. GABINO L. GAROY
Private Sector Representative



HON. GERRY T. LAB-OYAN
Private Sector Representative



HON. CESAR RODRIGUEZ
Director, DA-CAR



HON. ROLDAN P. COMPIPIS
President, Student Supreme
Government



MRS. GRACE T. BENGWAYAN
Board Secretary

THE COVER. The cover shows BSU students in Bachelor of Science in Agriculture, Bachelor of Science in Nursing, Bachelor of Science in Applied Statistics and Bachelor of Science in Veterinary Medicine as they explore worlds beyond the four corners of the classroom.



Republic of the Philippines
BENGUET STATE UNIVERSITY
La Trinidad, 2601 Benguet

OFFICE OF THE PRESIDENT

*"Center of
Excellence (COE)
in Agriculture
Education under
the Agriculture
Subsystem"*

February 29, 2008

HER EXCELLENCY GLORIA MACAPAGAL-ARROYO

President, Republic of the Philippines
Malacañang Palace, Manila

Thru: HON. ROMULO L. NERI
Chair, Commission on Higher Education

Madam President:

Respectfully submitting herewith the 2007 Annual Report of Benguet State University. The report summarizes the University's accomplishments in instruction, research, extension, production and general administration.

The year 2007 was very challenging yet productive for the University and the nation as a whole. Thank you for your unending support to Benguet State University and the clientele that it serves.

Very truly yours,



ROGELIO D. COLTING
President

TABLE OF CONTENTS

	Page
INSTRUCTION	
Degree Programs.....	1
Curricular programs.....	1
Curricular revisions/development.....	3
CHED Center of Excellence.....	4
Accreditation of programs.....	4
Enrolment and Graduation Trends.....	5
Enrolment.....	5
Graduates.....	6
Scholastic Performance of Students.....	7
Honor students.....	7
Student performance in professional licensure examinations.....	7
Non-graduating academic achievers.....	8
Student awards in competitions.....	8
Sports awards.....	15
Loyalty awardees.....	15
Student Welfare/Services.....	16
Scholarship grants and financial assistance.....	16
Extra-curricular Activities.....	17
Health services.....	17
Dormitories, classrooms and other facilities.....	18
Library collections.....	18
ICT facilities.....	20
Faculty profile.....	20
Faculty grants and development.....	21
Faculty academic awards.....	31
RESEARCH AND EXTENSION	
Highlights of Technologies/Research Results Generated.....	33
Updates of On-going R and D Programs/Projects/Activities.....	37
Extension Services.....	45
Training Services.....	56
Capability Building.....	56
Seminar Services.....	62
Publications.....	62
Copyrighted Publications.....	64
Technologies Fitted for Patenting.....	65
Research Awards.....	65
Database Management Services.....	68
Linkages.....	68
Upgrading of R and E Facilities.....	72
PRODUCTION	
Business Affairs.....	73
Highlight of Accomplishment of IGPs.....	74
IGP Contribution to Fund Generation.....	75
GENERAL ADMINISTRATION	
The BSU Board of Regents (BOR).....	76
Highlight of Board Actions.....	76
Policies, Procedures and Systems.....	79
Administrative issuance.....	79
Policy implementation.....	82
ICT system.....	82
Administrative services.....	82
Compensation and benefits.....	82
Other benefits.....	83
“Salamat-Paalam” program for retirees.....	83
Other personnel action.....	84
Total Human Resource Profile.....	84

	Page
Staff Development.....	84
In-house trainings/seminars.....	85
On Security and Safety Services.....	86
On Public Affairs.....	87
On Planning and Development.....	88
On Land Reservation.....	88
Special Projects.....	89
Philippines Institutional University Cooperation Program.....	89
International Language Center.....	90
Biodiversity Program.....	90
Organic Agriculture Program.....	91
Geographic Information System (GIS).....	91
International Relations Office.....	92

LIST OF TABLES

Table 1. Curricular revisions or development in the various degree programs.....	3
Table 2. Level of accreditation of degree programs as of December 2007.....	4
Table 3. Foreign enrollees as of June 2007.....	5
Table 4. Awards in various specializations and skills garnered by students in 2007.....	9
Table 5. Sports awards received by students in 2007.....	12
Table 6. Loyalty awardees 2007.....	15
Table 7. Activities undertaken by the medical-dental staff in 2007.....	18
Table 8. Library materials acquired in 2007.....	18
Table 9. Number of computers distributed to concerned colleges in 2007.....	20
Table 10. Faculty members and staff who completed their graduate studies in 2007.....	22
Table 11. Faculty members and librarians who were on scholarship in 2007.....	23
Table 12. Faculty members on sabbatical leave in 2007.....	24
Table 13. Personnel on faculty exchange program in 2007.....	24
Table 14. Trainings, seminars, conferences attended by faculty members in 2007.....	25
Table 15. Academic and loyalty awards granted to faculty members in 2007.....	32
Table 16. Highlights of technologies/research results generated in 2007.....	33
Table 17. On-going programs, projects and activities in 2007.....	38
Table 18. Extension projects in 2007.....	46
Table 19. Trainings conducted in 2007.....	56
Table 20. Capacity building activities participated in by faculty researches in 2007.....	57
Table 21. Public lectures given by PARRFI professorial chair holders and an invited lecturer in 2007.....	62
Table 22. List of publications written by researchers in 2007.....	62
Table 23. Copyrighted publications produced in 2007.....	65
Table 24. Technologies filed for patenting by IPO in 2007.....	65
Table 25. Research awards garnered by faculty members and researchers in 2007.....	66
Table 26. Database prepared by the MISO of the OVPRE for 2007.....	68
Table 27. Linkages made with funding agencies for the conduct of RDE projects.....	69
Table 28. Income-generating projects of the University in 2007.....	73
Table 29. Income-generating projects under commercial space use.....	74
Table 30. Profit and returns on sales (ROS) generated by the IGP's for 2007.....	75
Table 31. Personnel-related matters approved by BOR in 2007.....	77
Table 32. Memoranda of agreement approved by BOR in 2007.....	78
Table 33. Important administrative issuances in 2007.....	79
Table 34. Distribution of academic ranks by college of faculty members given salary differentials due to NBC 461 in 2007.....	83
Table 35. 2007 retirees who were honored during "Salamat-Paalam" programs.....	83
Table 36. Total human resource profile for 2007.....	84
Table 37. In-house trainings conducted in 2007.....	85
Table 38. Construction and renovation works done in 2007.....	85
Table 39. Articles released in national and local newspapers in 2007 re. University activities.....	87

LIST OF FIGURES

Figure 1. Number of students enrolled by degree program for CY 2007	5
Figure 2. Number of graduates by college and satellite campus for SY 2007.....	7
Figure 3. Graduating honor students in the main campus by college for CY 2007.....	7
Figure 4. Performance of 2007 graduates in professional licensure examinations.....	8
Figure 5. Number of non-graduating academic achievers by college for CY 2007.....	8
Figure 6. Number of awards garnered by students in 2007 competitions.....	8
Figure 7. Number of sports awards garnered by students in 2007.....	15
Figure 8. Number of graduates in the different colleges as loyalty awardees in 2007.....	16
Figure 9. Number of students who were granted scholarships for SY 2007-2008	16
Figure 10. Accomplishment of the University Health Services in CY 2007.....	17
Figure 11. Circulation statistics of library collections by subject.....	19
Figure 12. Registered users of library collections by college in 2007.....	19
Figure 13. Faculty profile by rank.....	21
Figure 14. Faculty profile by highest degree attained.....	21
Figure 15. Number of trainings/conferences attended by faculty members in 2007.....	21
Figure 16. Number of scientific conferences, symposia and fora attended by R & E personnel.....	61
Figure 17. Number of beneficiaries of 2007 STEP increments.....	83
Figure 18. BSU Visitors in 2007 by place of origin.....	88
Figure 19. Korean Universities which sent their students to learn English at ILC in 2007.....	90

EXECUTIVE SUMMARY

The University continues to pursue its vision of becoming a premier state university in Southeast Asia. Among the milestones of year 2007 are: attainment of SUC Level IV of the University; sustained status as Center of Excellence (COE) in Agriculture Education by the College of Agriculture (CA); approval of the second term reappointment of the University President, Dr. Rogelio D. Colting (2007-2011).

During the year, a special mid-year commencement exercises was conducted for the first time in the University with the conferment of Doctor of Resource Management *honoris causa* to Dr. William D. Dar, Director General of the International Crops Research Institute for the Semi-Arid Tropics (ICRISAT) in addition BSU attained Level III accreditation status in the Bachelor of Science in Agriculture (BSA) of CA, Bachelor of Science in Nursing of the College of Nursing (CN) and Doctor of Veterinary Medicine of the College of Veterinary Medicine (CVM) under the Accrediting Agency for Chartered Colleges and Universities in the Philippines (AACCCUP). A university wide planning workshop to review the University Strategic Plan (2003-2011) as guide in the implementation of programs towards the attainment of the vision, mission, goals and objectives of the institution was conducted. The year likewise records the creation and operation of the Office of the Vice-President for Finance to underscore the role of effective financial management and revenue generation to augment University subsidy from the government.

Along instruction, the University offers 17 BS degrees in the main campus and 5 and 3, respectively, at Bokod and Buguias. The Graduate School (GS) offers 7 PhD, 11 MS, 12 MA and 2 Masters programs while the Open University (OU) offers 6 Masters programs and 2 Diploma courses. Three colleges: College of Teacher Education (CTE), CN and CVM applied for Center of Development. A new curricular program was developed for Organic Agriculture (OA) as additional major course in BSA. Curricular reviews were done on BS Nutrition and Dietetics, BS Home Economics, B Elementary Education, B Secondary Education (BSE) and BS Agricultural Education. A proposed BS Natural Resource Management and a Certificate in Urban Forestry were proposed. Curricular revisions were made on MS and Diploma courses at the OU and PhD Language Education at the GS.

Enrolment reached 8143 and 8246 for the first and second semesters, respectively, at the main campus with 1476 and 1484 for Bokod and Buguias campuses, respectively. Enrolment in BSA is consistently high at 1066 as compared to other SUCs in the country. There were 22 foreign students in BSE major in English. Of 1534 graduates, 30 were *cum laude's* and 16 were loyalty awardees. From the non-graduating students, 34 were university scholars while 279 were college scholars dominated by CTE and CN students. Students garnered 6 national, 8 regional and 60 local awards in academic competitions. Along sports, students garnered one international silver, 8 national, 31 regional and 39 local awards.

In professional licensure examinations, students surpassed the national passing rates for Teachers: secondary home economics (45.88%), elementary education (46.18%), secondary education (39.27%) and elementary home economics (34%); Nurses (31%); Nutritionist-Dietitians (3%) and Foresters (1.50%).

Students were served by 316 faculty members composed of one College Professor, 36 Professors, 55 Associate Professors, 66 Assistant Professors and 158 Instructors. At least 18 faculty members completed graduate studies in the year, 21 were on scholarship, 3 on sabbatical leave, 2 on faculty exchange and 2 with professorial chairs. A remarkable increase in attendance of faculty members to international conferences was noted for the year. For faculty academic awards, there was one Best Teacher in CTE and two Outstanding Teachers in the COE of CA. Several loyalty awardees were likewise recognized in the different colleges.

Along research and development, 35 potential technologies and 14 significant information were generated along the production and processing of highland vegetables, Benguet lily, strawberry, Arabica coffee, and mushroom; and ideal attributes influencing consumer preferences, consumer perception of fresh vegetables, issues affecting BSU college students, tracer studies and teacher written examinations, among others.

There were 98 on-going research programs/projects with several studies. Research and development programs were geared towards sustainable commercial production and postharvest handling of high-value highland vegetables, cutflowers, strawberry and other highland fruits with special concerns on OA. The University maintains the Demo Organic Farm at the Balili Experiment Station, Healing Garden at CA, Organic Arabica Coffee R and D and Biodiversity Program at the Institute of Highland Farming Systems and Agroforestry, Organic Mushroom R and D and the Biological Control Agents (BCAs) R and D on various diseases and pests of selected vegetables, potato, cutflowers and strawberries.

Faculty researchers reaped one international, 7 national, 3 regional and 10 local R and D awards for the year. Researchers attended 7 international, 20 national, 18 regional and 13 local scientific conferences. Most Research and Extension programs were conducted in partnership with various funding agencies supplemented by the University budget for R and D.

In production, the income-generating projects under RF161 and RF 163 accounted for a total income of Php 4,688,724.20 which is 2.2% the 2007 University subsidy (Php 212,785,586.00).

Along general administration, the Board of Regents (BOR) held seven (7) meetings, presided by the Commissioner on Higher Education and Chair, University BOR, Hon. Saturnino M. Ocampo, Jr. Actions taken by the BOR included policy reforms and the creation of job orders for the implementation of R and D programs as well as general services urgently needed by all University sectors. A substantial budget was allocated to Human Resource Development programs to retool personnel towards effective delivery of services, and a restructuring of the University organization was done to improve efficiency and effectiveness in university operations.



The University has eight (8) colleges, two (2) institutes, two (2) external campuses, Open University, and a Graduate School. It offers 18 undergraduate degree programs with 35 major fields, 42 graduate degree programs (8 PhD and 34 MS/MA), five (5) diploma courses, and three (3) certificate courses. It has one ladderized course, the Bachelor of Science in Entrepreneurial Technology. The University also provides an Intensive English Language Training Course (IELC) thru its International Language Center (ILC).

In recognition of the strong leadership and exemplary performance of the University vis-à-vis other universities in the country that offer BS Agriculture, CHED continued to recognize the College of Agriculture as Center of Excellence (COE) in Agriculture Education since 2002. In addition, the Accrediting Agency of Chartered Colleges and Universities in the Philippines (AACUP) granted Level III to the BS in Agriculture, BS in Nursing and Doctor of Veterinary Medicine curricular programs.

Enrollment reached 9,770 inclusive of 22 foreign students producing 1534 graduates. There were 30 *cum laude*'s and several awardees among graduates. These were served by 316 faculty members of whom, 87 (27.53%) have PhD, 141 (44.62%) have MS/MA degrees and 88 (27.85%) have AB/BS degrees. Eighteen (18) completed their PhD and MS/MA degrees within the year while 21 were granted scholarship.

DEGREE PROGRAMS

Curricular Programs

The University offers 17, 5 and 3 baccalaureate degrees in the main, Bokod and Buguias campuses, respectively. The newest degree offering is the Bachelor of Library and Information Science in the main campus as per CHED Memo No. 8, s. 2005. The main campus offers 7 PhD, 11 MS, 12 MA, 2 Masters Program in the Graduate School and 6 Masters Program, 2 diploma courses in the Open University. In consortium with the St. Louis University and the University of the Cordillera, the MS in Mountain Engineering is offered. The main campus partners with the Buguias campus in offering PhD and MA programs.

Curricular programs offered in 2007

COLLEGE OF AGRICULTURE (CA)

BS in Agriculture

- Majors: Agronomy
- Agroforestry
- Agricultural Economics
- Animal Science
- Entomology
- Extension Education
- Horticulture
- Plant Pathology
- Sericulture
- Soil Science

BS in Agribusiness

- Majors: Cooperative Management



The BSU-Bokod Campus/UPAO



Enterprise Management
 BS in Development Communication
 Majors: Community Broadcasting
 Development Journalism
 Educational Communication
 Science Communication

COLLEGE OF ARTS AND SCIENCES (CAS)

BS Environmental Science
 BS Information Technology
 BS Applied Statistics

COLLEGE OF ENGINEERING AND APPLIED TECHNOLOGY (CEAT)

BS Agricultural Engineering
 Certificate in Automotive Technology

COLLEGE OF FORESTRY (CF)

BS Forestry
 Majors: Agroforestry
 General Forestry

COLLEGE OF NURSING (CN)

BS in Nursing

COLLEGE OF TEACHER EDUCATION (CTE)

Bachelor in Elementary Education
 Majors : General Elementary Education
 Early Childhood Education

Bachelor in Secondary Education

Majors : Biology
 Physics
 English
 Social Studies
 Filipino
 Values Education
 Mathematics
 Physical Education, Health,
 Music and Arts (PEHMA)

BS Agricultural Education
 Secondary Education as laboratory school
 Elementary Education as laboratory school
 Kindergarten as laboratory school
 Nursery as laboratory school

COLLEGE OF VETERINARY MEDICINE(CVM)

Doctor of Veterinary Medicine

INSTITUTE OF PHYSICAL EDUCATION AND SPORTS (IPES)

Diploma in Physical Education

INTERNATIONAL LANGUAGE CENTER(ILC)

One-month Intensive English Language Course

OTHER SHORT COURSE

Aerial/Crop Production
 Mushroom Production
 Artificial Insemination
 Tissue Culture
 Beekeeping
 Cutflower Production
 Food Processing

*Other short courses as requested

COLLEGE OF HOME ECONOMICS AND TECHNOLOGY (CHET)

BS Home Economics
 Majors: Technology and
 Home Economics
 Home Economics
 and Livelihood Education

BS Nutrition and Dietetics
 BS Entrepreneurial Technology
 Major: Food Service Management

GRADUATE SCHOOL (GS)

PhD in Agricultural Education
 PhD in Agronomy
 PhD in Educational Management
 PhD in Horticulture
 PhD in Language Education
 PhD in Rural Development
 PhD in Science Education (Biology)
 MS in Agricultural Economics
 MS in Biology
 MS in Entomology
 MS in Forestry
 MS in Horticulture
 MS in Plant Pathology
 MS in Rural Development
 MS in Soil Science
 MA in Applied Statistics
 MA in Chemistry
 MA in English as Second Language
 MA in Filipino
 MA in General Science
 MA in Home Economics
 MA in Mathematics
 MA in Physics
 MA in Physical Education
 MA in Social Studies
 MA in Technology and Home Economics
 MA in Education

Majors: Educational Administration
 and Supervision
 Elementary Education
 Guidance and Counseling

Master in Resource System
 Management Agribusiness
 Master in Public Administration
 MS in Mountain Engineering
 (BSU-SLU-UC consortium)

OPEN UNIVERSITY

Master in Urban Management
 Master in Human Resource Development
 Master in Non-formal Education
 Master in Community Development
 Master in Development Communication
 Master in Cooperative Management
 Diploma in Urban Management
 Diploma in Training Management



BUGUIAS CAMPUS

PhD Educational Management
 MA Education
 Professional Education
 Bachelor in Elementary Education
 Bachelor in Secondary Education
 BS Agricultural Education
 Bachelor in Agricultural
 Technology
 Secondary Education as laboratory
 school



The BSU-Buguias Campus//UPAO

BOKOD CAMPUS

BS Industrial Education
 BS Industrial Technology
 Bachelor in Elementary Education
 Two-Year Trade Technical Course
 Secondary Education as laboratory
 school

Curricular Revisions/Development

Curricular programs were revised in 2007 with the view of improving the quality of education that the University offers. The curricular revisions were made based on the requirements of the Commission on Higher Education and the Technological Panel for Agriculture Education. All the other colleges are actively reviewing their programs (Table 1).

Table 1. Curricular revisions or development in the various degree programs

College/ Institute	Curriculum/Program	Activity
College of Agriculture	BS Agriculture	Review of proposed two additional courses in organic agriculture
College of Home Eco- nomics and Technology	BS Nutrition & Dietetics	Revision of curriculum approved by the University Curriculum Committee and University Academic Council; implementation during 1 st Semester, SY 2007-2008
	BS Home Economics	Review of curriculum, consultation with the College Dean re. professional subjects to be Included, ready for submission to University Curriculum Committee
College of Teacher Education	Bachelor in Elementary Edu- cation/Bachelor in Secondary Education/BS Agricultural Education (all based on CMO # 30 s. 2004)	Curricular reviews with students, faculty, and Dep-ed principals
College of Forestry	BS Natural Resources Management Majors: GIS Urban Forestry Two-year ladderized program in Certificate in Urban Forestry (CUF)	Proposed curricula on BSNRM & CUF presented and approved by the College Academic Council. Feasibility study and crafting of the subject contents of both curricula are underway prior for presentation to University Curriculum Committee
All Undergradu- ate Courses	NSTP	Revision of 2006 course syllabus of NSTP 11 and 12 for CWTG and LTS with NSTP coordinator, component head and lecturers; conduct of meeting with stakeholders of the province (DILG, LGU and other agencies concerned) for linking in the implementation of NSTP projects.



Table 1. continued...

College/Institute	Curriculum/Program	Activity
All Undergraduate Courses	NSTP	Revision of 2006 course syllabus of NSTP 11 and 12 for CWTS and LTS with NSTP coordinator, component head and lecturers; conduct of meeting with stakeholders of the province (DILG, LGU and other agencies concerned) for linking in the implementation of NSTP projects.
Open University	MS Community Development	Workshop in Curriculum Development by the faculty and staff; submission of revised curricula to University Curriculum Committee for review and endorsement to University Academic Council and BOR for approval.
	Master in Human Resources Development	
	MS Development Communication	
	MS Cooperative Management	
	Diploma in Urban Management	
Graduate School	MS Urban Management	Change in nomenclature and revision of the curricula; submission of revised curricula to University Curriculum Committee for review and endorsement to University Academic Council and BOR for approval.
	PhD Language Education (MC No.12, s. 2006)	Review and Enhancement as per MC No.12, s. 2006 effective first semester 2006-2007 to include : reduction of 12 educational units to addition of 6 units foreign language, Chinese Mandarin started 1 st sem, 2006-2007, Nihongo started 2 nd sem, 2006-2007

CHED Center of Excellence

The College of Agriculture maintained its status since 2002 as Center of Excellence in Agriculture Education with an aggregate funding of PhP 6 million.

The College of Teacher Education, College of Nursing and the College of Veterinary Medicine applied for Center of Development this year.

Accreditation of Programs

The granting of Level III re-accredited status to BS Agriculture, BS Nursing and Doctor of Veterinary Medicine in 2007 is a major milestone. Challenges are ahead of BS Agribusiness Management, BS Agricultural Education, B Elementary Education and B Secondary Education for Level III. Meanwhile, BS Forestry, BS Home Economics, BS Nutrition and Dietetics and MS programs in agriculture are granted Level II (Table 2).

Table 2. Level of accreditation of degree programs as of December 2007

Program by College/Institute	Level	Last Date of Visit	Remarks
BS Agriculture	Level III Status	November 28, 2007	Level III Status awarded
BS Agribusiness Management	Level III Assessment	December 2006	Scheduled for revisit in February 2008
BS Development Communication	Level I	December 2006	Appeal for Level I Accreditation in process
BS Applied Statistics	Level III Status	December 2006	First in the country to be accredited this level
BS Agricultural Engineering	Level II Assessment		Scheduled for revisit in February 2008
BSHE	Level II Re-accredited	March 2003	Self-Survey finished; Applying for Level III Accreditation
BSND	Level II Re-accredited	March 2003	Self-Survey finished; Applying for Level III Accreditation
College of Nursing	Level III Status	Nov. 28, 2007	Level III Status awarded



Table 2. Continued.

Program and by College	Level	Last Date of Visit	Remarks
Bachelor of Science in Agricultural Education	Level III Assessment	Dec 2006	For revisit on 3 Feb 11-16, 2008
Bachelor In Elementary Education	Level III Assessment	Dec 2006	For revisit on Feb 11-16, 2008
Bachelor In Secondary Education	Level III Assessment	Dec 2006	For revisit on Feb 11-16, 2008
Doctor in Veterinary Medicine	Level III Status	November 28, 2007	Award still yet to be given
Bachelor of Science in Forestry	Level II Re-Accredited	December 4-7, 2006	Effective Dec. 16, 2006 to December 15, 2010

ENROLMENT AND GRADUATION TRENDS

Enrolment

In 2007, the main campus had 8143 and 8286 enrollees for the first and second semesters, respectively with the satellite campuses having 1476 and 1484 respective enrollees from Bokod and Buguias making 9430 and 9770 total enrollees (Figure 1). Topping the list is B Secondary Education (1282) of CTE followed by BS Agriculture (1066) of CA and B Elementary Education (822) of CTE. The high enrolment in BS Agriculture is a milestone in comparison to enrolment in other SUC's in the country.

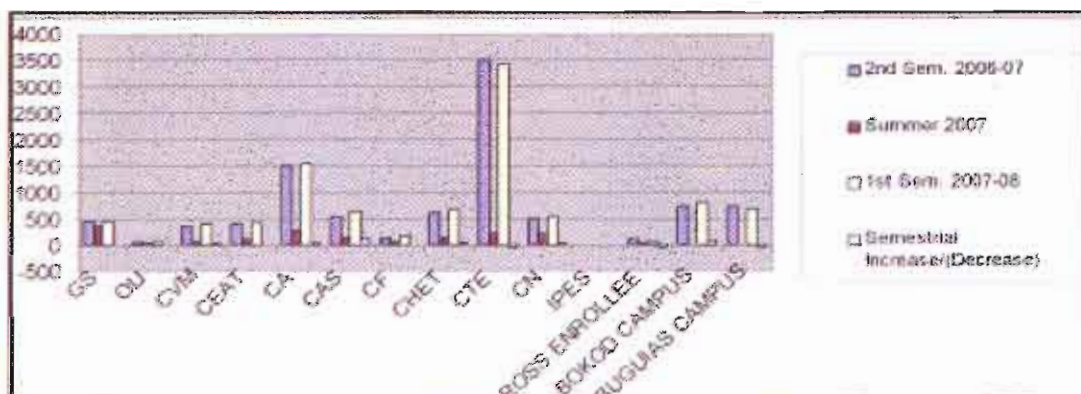


Figure 1. Number of students enrolled by degree program for CY 2007

There were 22 foreign students from Korea, Libya, Nepal and Ghana enrolled in 2007 taking up B Secondary Education, major in English (Table 3).

Table 3. Foreign enrollees as of June 2007

Name	Degree	Country
Almabruk, Aduallati A.	Doctor of Philosophy-Rural Development	Libya
Alsonusi, Aeman H.	Doctor of Philosophy-Rural Development	Libya
Appiah-Kubi, Justice C.N.	Doctor of Philosophy-Rural Development	Ghana
Back, Eun Sook	Bachelor in Secondary Education	Korea
Choi, Jin Ju	Bachelor of Science in Nutrition & Dietetics	Korea
Im, Dong Hoon	Doctor of Philosophy-Educational Management	Korea
Jo, Young Sook	Bachelor of Secondary Education	Korea
Kang, Young Hun	Bachelor of Secondary Education	Korea
Karatsu, Shohei K.	Bachelor of Science in Agriculture	Korea
Kim, Dae Myoung	Bachelor of Secondary Education	Korea
Kim, Young-Rok	Bachelor of Secondary Education	Korea
Lee, Eun Joo	Bachelor of Secondary Education	Korea

Table 3. Continued...

Name	Degree	Country
Lee, Hyung Woog	Bachelor of Secondary Education	Korea
Lee, Jung Min	Special Student	Korea
Lee, Sungkeun	Bachelor of Secondary Education	Korea
Lim, Cho Long	Bachelor of Secondary Education	Korea
Lim, Sea Mee	Bachelor of Secondary Education	Korea
Owusu Bempah, Abegail	Bachelor of Science in Nutrition & Dietetics	Ghana
Park, Hee Doo	Bachelor of Secondary Education	Korea
Shretsa, Ruju	Bachelor of Science in Agriculture	Nepal
Sim, Hyung Sun	Bachelor of Science in Agriculture	Korea
Thapa, Sudhir	Master of Science-Rural Development	Nepal

Graduates

There were 1534 graduates in 2007. Of these, 1400 graduated from the main campus while 38 and 70 graduated from the Buguias and Bokod campuses, respectively (Figure 2). There were 26 who graduated from the Gov. Bado Dangwa Agri-industrial School in consortium with the University.

In the Graduate School, 20 finished PhD degrees and 143 completed masteral degrees. Additional 10 completed their masteral degrees at the Open University.

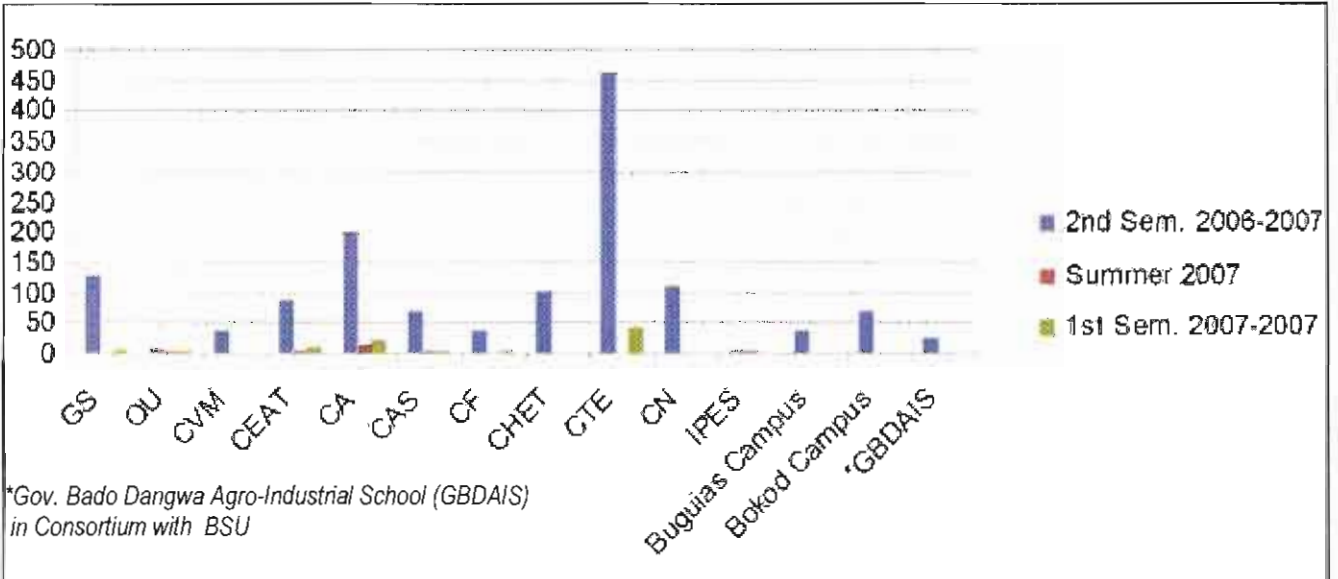
The first ever and special midyear commencement exercises was held in November 7, 2007 with 116 graduates and a Doctor of Resource Management *honoris causa* given to Dr. William D. Dar, the concurrent Director General of the International Crops Research Institute for Semi-Arid Tropics (ICRISAT) and the renowned Most Outstanding BSU alumnus. The event was graced by then CHED Commissioner, Hon. Saturnino M. Ocampo, Jr., the Chair of the University Board of Regents.



← Congressman Juan Pablo Bondoc represented Senate President Manny Villar during the 82nd Commencement Exercises of the University. With him are University President Rogelio D. Colting and VP for Academic Affairs Feliciano G. Calora, Jr.//UPAO

ICRISAT Director General William D. Dar with CHED Commissioner and BSU Board of Regents Chair, Dr. Saturnino M. Ocampo, Jr. during the Special Mid Year Graduation in November 2007, where Dr. Dar received a honorary degree.//UPAO

GUEST OF HONOR & SPEAKER: Dr. WILLIAM D. DAR, DIRECTOR GENERAL, ICRISAT



*Gov. Bado Dangwa Agro-Industrial School (GBDAIS) in Consortium with BSU

Figure 2. Number of graduates by college and satellite campus for SY 2007

SCHOLASTIC PERFORMANCE OF STUDENTS

Honor Students

There were 30 *cum laude's* in 2007 distributed as 9 in B Secondary Education of CTE, 7 in B Elementary Education of CTE, 8 in BS Nursing of CN, 1 in BS Nutrition and Dietetics of CHET, 1 in BS Home Economics of CHET, 1 in BS Entrepreneurial Technology of CHET, 2 in BS Agriculture of CA and 1 in BS Applied Statistics of CAS (Figure 3).

Student Performance in Professional Licensure Examinations

BSU graduates surpassed national passing rates for licensure examinations for Teachers: secondary home economics (75% vs 29.12%), elementary education (73.72% vs 27.54%), secondary education (68.39% vs 29.12%) and elementary home economics (61.54% vs 27.54%); Nurses (79% vs 48%), Nutritionist-Dietitians (59% vs 56%) and Foresters (41% vs 39.48%). The Agriculturists, Agricultural Engineers and Librarians were short of 14.00, 2.00 and 4.33% to meet the respective national passing rates (Figure 4).

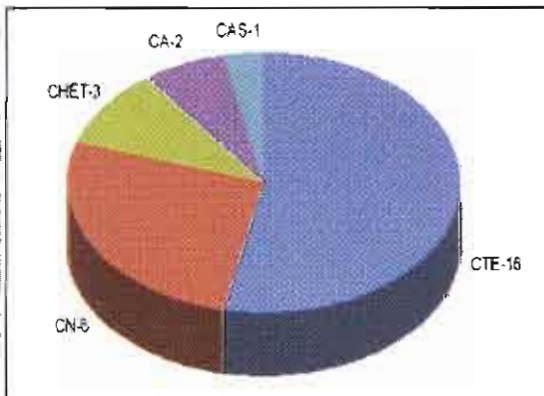


Figure 3. Graduating honor students in the main campus by college for CY 2007



BSND students in one of their laboratory classes//CHET

Non-graduating Academic Achievers

Of 279 academic achievers, 34 are University Scholars while 245 are College Scholars (Figure 5). Topping the list are students in Teacher Education (113) closely followed by Nursing (105) then Arts and Sciences (19), Agriculture (17) and Home Economics and Technology (14). Few achievers came from Veterinary Medicine (6), Forestry (3) and Engineering (2).

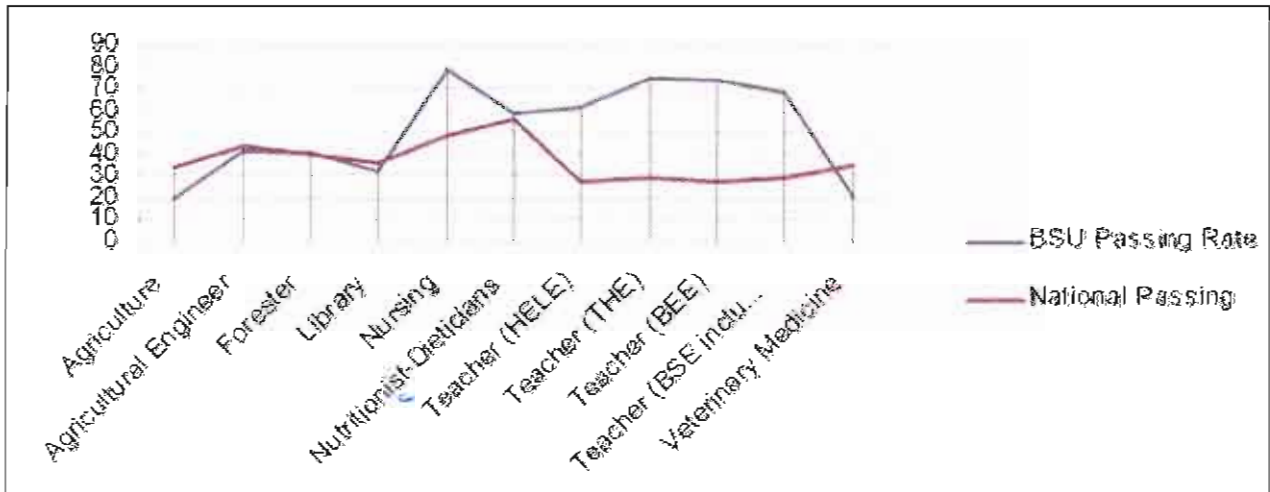


Figure 4. Performance of 2007 graduates in professional licensure examinations

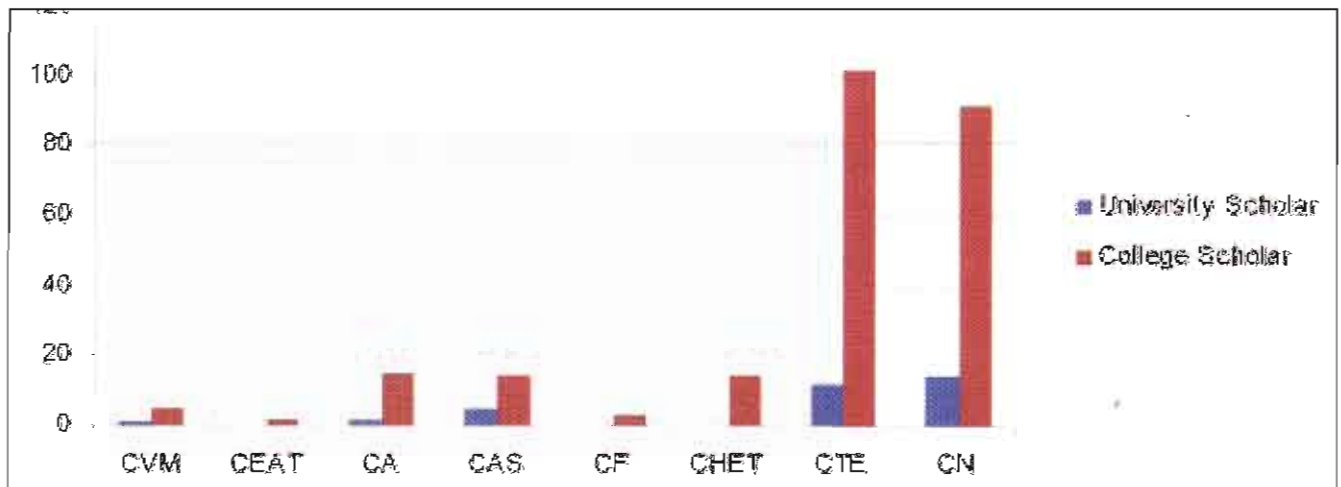


Figure 5. Number of non-graduating academic achievers by college for CY 2007

Student Awards in Competitions

Students participated and landed as winners in national(6), regional(8) and local(60) competitions. In the national level, one landed as national finalist to the Ten Outstanding Students of the Philippines (TOSP), one as finalist to Kwentong Starfish Writing and one as qualifier to Ayala Young Leaders Congress. The Outstanding Nutrition Student of the Philippines was garnered by Mr. J.P. Pol-as of the College of Home Economics and

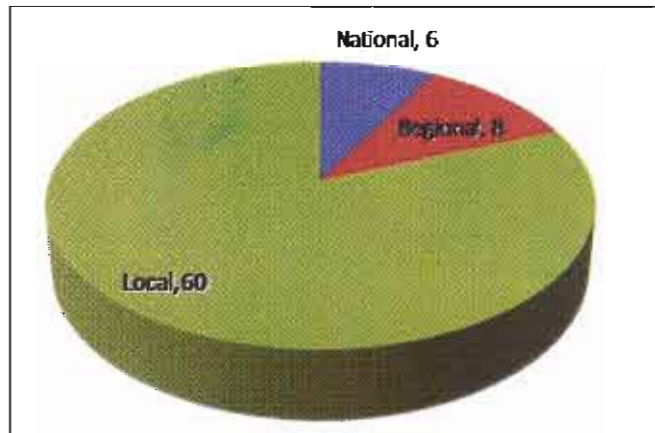


Figure 6. Number of awards garnered by students in 2007 competitions

Technology and First Place, Math-Science Techno Fair by Mr. A.C. Padios of the College of Teacher Education (Table 4).



Table 4. Awards in various specializations and skills garnered by students in 2007

Award	Awardee	Collegial Degree	Awarding Agency	Date/Venue Given
A. National				
1. Ten Outstanding Students of the Philippines (TOSP), National finalist	DAYOG, E.D.	CTE/BSE	Commission on Higher Education	June 2007/ Malacañang
2. Kwentong Starfish Writing, finalist	BOLINTO, R.D.	CTE/BSE	Ayala Foundation, Inc.	July 2007/ Intercontinental Hotel, Makati
3. Ayala Young Leaders Congress, qualifier	TUMLAYEN, E.M.	CTE/BSE	Ayala Foundation, Inc.	November 2007/ Manila
4. Math- Science Techno Fair, 1 st place	MADINNO, C.	CV/MDVM	Department of Science and Technology	December 2007/ Bocola, Pampanga
5. Math-Science Techno Fair, 3 rd Place	PADIOS, A.C.	CTE/BSE	Department of Science and Technology	December 2007/ Bocola, Pampanga
6. Outstanding Nutrition Student of the Philippines	POL-AS, J.P.	CHET/BSND	Philippine Association of Nutrition	July 2007/ Puertp Princesa Palawan
B. Regional				
1. TOSP-CAR Winner	DAYOG, E.D.	CTE/BSE	CHED-CAR	March 2007/ BSU
2. TOSP-CAR finalist	CAPUYAN, M.B.	CM/BSN	CHED-CAR	March 2007/ BSU
3. English Poetry Writing, champion	REBOLLEDO, R.B.	CA/BSA	6 th Luzonwide Higher Education Press Conference	February 2007/ Tagaytay City
4. Editorial Writing, 1 st Place	BOLINTO, R.D.	CTE/BSE	Regional Press Conference	December 2007/ Baguio City
5. Feature Writing, 1 st Place	BOLINTO, R.D.	CTE/BSE	Regional Press Conference	December 2007/ Baguio City
6. Poetry Writing, 5 th Place	BOLINTO, R.D.	CTE/BSE	Regional Press Conference	December 2007/ Baguio City
7. Entrepreneur Speech, 3 rd Place	LORENZO, J.P.	CTE/BSE	Solid Math Conference	January 2007/ Isabela
8. Literacy Musical Competitions, 1 st Place	ANDAYA, H.B.	CM/BSN	Solid Math SCUJAM	February 2007
Sports Writing	DOYAYAG, U.S.	CV/MDVM	8 th Regional Tertiary Press	
C. Local				
1. Impromptu Speech, 1 st Place	CATTI, J.B.	CTE/BSE	FFP Local Consortium	February 2007/ BSU
2. Integrated Science Quiz	MADINNO, C. PADIOS, A.C.	CM/BSN CTE/BSE	BSU	February 2007/ BSU
3. Outstanding Student leader, graduating	CAPUYAN, M.B.	CN (BSN)	OSALAMAT-BSU	March 2007
4. Outstanding Student leader, non-graduating	ALAWAS, J.C.	CN (BSN)	OSALAMAT-BSU	March 2007
5. Best Dissertation	TIBANGAY, N.M.	GS/PhD Educ. Mgt.	BSU	April 2007/ BSU
6. Best Research Paper	BOGNADON, D.L.	OUM Coop Mgt.	BSU	April 2007/ BSU
7. Athlete of the Year	SALBINO, R.B.	IPES (BSAE)	BSU	April 2007



Table 4. Continued...

Award	Awardee	College/Degree	Awarding Agency	Date/Venue Given
8. Veterinarian of the Year	DELIGEN, L.C.	CVM (DVM)	BSU	April 2007
9. Clinicians of the Year	ABIASEN, A.T.	CVM (DVM)	BSU	April 2007
10. Best in Underchassis Mechanics	WALSLEN, M.L.	CEAT (BSAEng)	BSU	April 2007
11. Best in Welding and Iron Works	PANDOWEN, L.P.	CEAT (BSAEng)	BSU	April 2007
12. Best in Auto Electricity	AGUMDANG, R.P.	CEAT (BSAEng)	BSU	April 2007
13. Agronomy Student of the Year	LOQUE, W.T.	CA (BSA)	BSU	April 2007
14. Animal Science Student of the Year	KIAT-ONG, C.A.	CA (BSA)	BSU	April 2007
15. Agricultural Economics Student of the Year	BOCALES, T.B.	CA (BSA)	BSU	April 2007
16. Enterprise Mgt. Student of the Year	PAREDES, H.S.	CA (BSA)	BSU	April 2007
17. Extension Education Student of the Year	SUGOT, H.P.	CA (BSA)	BSU	April 2007
18. Cooperative Mgt. Student of the Year	LAWAGUEY, M.L.	CA (BSA)	BSU	April 2007
19. Entomology Student of the Year	DELIAS, E.C.	CA (BSA)	BSU	April 2007
20. Horticulture Student of the Year	SELEC, M. A.	CA (BSA)	BSU	April 2007
21. Plant Pathology Student of the Year	ALIBUYOG, H.C.	CA (BSA)	BSU	April 2007
22. Development Journalism Student of the Year	BUSTAMANTE, B.N.	CA (BSA)	BSU	April 2007
23. Educational Communication Student of the Year	BANSAN, V.C.	CA (BSA)	BSU	April 2007
24. Diploma in Agroforestry Student of the Year	SAO-ANG, M.C.	CA (BSA)	BSU	April 2007
25. Forestry Student of the Year	CALIG-A, Q.C.	CF (BSF)	BSU	April 2007
26. Entrepreneurial Technology Student of the Year	BOCALES, T.B.	CHET (AET)	BSU	April 2007
27. BSHE Student Teacher of the Year	UMAYAT, L.G.	CHET (HELE Major)	BSU	April 2007
28. BSHE Student Teacher of the Year	ALIMAN, J.G.	CHET (THE Major)	BSU	April 2007
29. Home Economics Student of the Year	RIVERA, Y.B.	CHET (BSHE)	BSU	April 2007
30. Nutrition and Dietetics student of the Year	POLAS, J.P.	CHET (BSND)	BSU	April 2007
31. Best Systems Analyst	LECKIAS, J.B.	CAS (BSIT)	BSU	April 2007
32. Best Programmer	DIONESIO, R.G.	CAS (BSIT)	BSU	April 2007
33. Best in Statistics	DAMOSLOG, F.T.	CAS (BSAS)	BSU	April 2007
34. Best Environmentalist	SALLY, J.L.	CAS (BSES)	BSU	April 2007
35. Best in Community Health Nursing	BUNGULAN, G.C.	CN (BSN)	BSU	April 2007
36. Best in Clinical Practice	MALLAGAY, M.L.	CN (BSN)	BSU	April 2007
37. Best in Clinical Practice	DEL PRADO, S.M.	CN (BSN)	BSU	April 2007
38. Outstanding Student of the Philippines (CAR)	DAYOG, E.D.	CTE (BSE)	BSU	April 2007
39. Best Student Teacher in Filipino	BATNAG, A.C.	CTE (BSE)	BSU	April 2007
40. Best Student Teacher in PEHMA	YADNO, M.B.	CTE (BSE)	BSU	April 2007
41. Best Student Teacher in Mathematics	LEE, H.P.	CTE (BSE)	BSU	April 2007



Table 4. Continued...

Award	Awardee	College/Degree	Awarding Agency	Date/Venue Given
42. Best Student Teacher in Biology	BANGCADO, A.T.	CTE (BSE)	BSU	April 2007
43. Best Student Teacher in Physics	DAYOG, E.D.	CTE (BSE)	BSU	April 2007
44. Best Student Teacher in English	DAO-ANIS, I.B.	CTE (BSE)	BSU	April 2007
45. Best Student Librarian	NABUSAN, R.W.	CTE (BSE)	BSU	April 2007
46. Best Student Teacher	BANWA, N.C.	CTE (BSAE)	BSU	April 2007
47. Best Student Teacher in Mathematics	BUELTA, I.B.	CTE (BEE)	BSU	April 2007
48. Best Student Teacher in PEMA	AGIWAS, D.B.	CTE (BEE)	BSU	April 2007
49. Best Student Teacher in Science	CAYSO, J.V.	CTE (BEE)	BSU	April 2007
50. Best Student Teacher in Filipino	MISLANG, I.T.	CTE (BEE)	BSU	April 2007
51. Best Student Teacher in English	DELA CRUZ, C.T.	CTE (BEE)	BSU	April 2007
52. Best Student Teacher in ECEd	BOLONA, V.L.	CTE (BEE)	BSU	April 2007
53. Quiz Bee, 3 rd Place	DOYOG, N.D.	CF/BSF	DevCom Week	August 2007/ BSU
54. Essay writing, 1 st Place	BOLINTO, R.D.	CTE/BSE	BSU	September 2007/BSU
55. Extemporaneous Speech, 1 st Place	LORENZO, J.P.	CTE/BSE	FESS Festival	September 2007/ BSU
56. Interclass Debate, best speaker	LORENZO, J.P.	CTE/BSE	FESS Festival	March 2007/BSU
57. Charcoal Rendering, 1 st Place	WESLEY, J.F.	CF/BSF	FESS Festival	September 2007/BSU
58. Spelling Bee, 2 nd Place	BALAS, L.M.	CF/BSF	FESS Festival	September 2007/BSU
59. Poetry Writing, 3 rd Place	ALODA, M.		FESS Festival	September 2007/BSU
60. Statistics Wizard	BAYACSAN, F. BANOS, N.	CHET/BSET	BSU	October 2007/ BSU
Doctor of Resource Management <i>honoris causa</i>	DAR, W.D.	GS	BSU	November 2007/ BSU

Regional awards include the TOSP-CAR winner Mr. Dayog and the finalist, Mr. Capuyan. The others are on writing competitions.

Local awards is topped by the Doctor of Resource Management *honoris causa* given to Dr. William D. Dar, followed by best papers, best students in various specializations and skills, and winners of the integrated science quiz, statistics wizard and quiz bee.



Efrain D. Dayog who majored in Physics and graduated Cum laude in April 2007 made it to the Ten Outstanding Students of the Philippines Top 30./CAS



Table 5. Sports awards received by students in 2007

Level/Award	Event	Awardee	Date/Venue	Colleges/ Dept.
A. International				
1. Silver	Muay Thai 24 th Sea Games	Subang, Maricel	Thailand	CA/BSA
B. National				
1. Gold	National Muay Thai 45-48 Kgm	Subang, Maricel	Manila	CA/BSA
2. Silver	Muay thai Phil. Olympic Festival	Subang, Maricel	Manila	
3. Gold	National Milo Marathon 10 km.	Lindawan, Jerry	Manila	CTE/BSE
4. Bronze	Muay thai National Olympic Festival	Anawe, Clint	Manila	
5. Bronze	Wushu National Competition	Olod, Bryan	Manila	
6. 4 th Place	Wushu National Competition	Berto, Alvin	Manila	
7. 2 nd Place	Rodeo Masbateño	BSU Highland	April 9-23, 2007 Masbate	CVM
8. Overall Champion	Incorporated Student Category	Cowboys and Cowgirls	April 9-23, 2007 Masbate	CVM
C. Regional				
1. Silver	Muay thai Regional Sports for Peace	Subang, Maricel	Sept 22-23, 2007 / Baguio City	
2. 1 st Place	Baguio Marathon	Lindawan, Jerry	Baguio	
3. 1 st Place	Baguio Footrace	Lindawan, Jerry	Baguio	
4. 1 st Runner Up	Baguio Regional Marathon	Lindawan, Jerry	Baguio	
5. Silver	Regional Taekwondo	Lindawan, Jerry	Nueva Viscaya	
6. Gold	Muay thai Northern Luzon Olympic Festival	Anawe, Clint	Ilocos Sur	
7. Gold	Muay thai Mindanao Olympic Festival	Anawe, Clint	Cagayan De Oro	
8. Silver	Muay thai Southern Olympic Festival	Anawe, Clint	Iloilo City	
9. Gold	1 st Gov. Louisa Lioren Cuaresma Taekwondo Luzon Cup Championship	Guindayan, Ronelyn	August 26, 2007 Nueva Viscaya	
10. Gold	48-51 kg. Muay thai Regional Sports for Peace Championship	Tacio, Juvina	Sept. 22-23, 2007 Baguio	
11. Gold	45-48 kg. Muay thai Regional Sports for Peace Championship	Dulnuan, Paul	Sept. 22-23, 2007 Baguio	
12. Champion	Taekwondo Regional SCUAM	Turnlayan, Elton John	February 19-21, 2007 Isabela	
13. Bronze	Taekwondo Regional CJP Competition	Turnlayan, Elton John	August 26, 2007 La Union	
14. Champion	Dancesport Regional Competition	Sacla, Jonifer	August 30, 2007 Baguio	
15. Champion	Dance Sport Regional Sports Council	Digal, Virchel Joy	August 30, 2007 Baguio	
16. 7 th Place	Muay thai Regional Sports Council	Vigar, Abegail	August 30, 2007 Baguio	
17. Silver	Taekwondo Gov. Louisa Lioren Cuaresma	Pedro, Cherry Ann	August 26, 2007 Nueva Viscaya	
18. Silver	Taekwondo CARASUC	Asiong, Janice	January 29-31, 2007 Ifugao	



Table 5. Continued...

Level/Award	Event	Awardee	Date/Venue	College/ Dept.
19. Miss CARASUC	CARASUC Pageant	Rivera, Yumiko Claire	January 29-31, 2007 ISCAF Ifugao	CHET/THE
20. Bronze	Regional Taekwondo 44 kgm	Dulnuan, Joyce	January 2007	CTE/BSE
21. Gold	Arnis Invitational Tournament Challenge Philippine Team	Valdez, Florentino		
22. Silver	Arnis Invitational Tournament Challenge Philippine Team	Chaokas, Jovy	July 15, 2007 Baguio	
23. 2 ND Place	Taekwondo Regional Carlos Palanca	Benito, Lerma	September 2007	
24. Silver	1 ST Gov. Louisa Loren Cuaresma Luzon Cup Taekwondo 44 kgm	Benito, Lerma	August 26, 2007 Nueva Viscaya	
25. Silver	1 ST Gov. Louisa Loren Cuaresma Luzon Cup Taekwondo 43 kgm	Trinipac, Herchelle	August 26, 2007 Nueva Viscaya	
26. Bronze	Arnis Invitational Tournament Challenge Philippine Team	Gellermo, Bea Marie	July 15, 2007 Baguio	
D. Local				
1. 1 st Place	Baguio GMA Takbuhan	Lindawan, Jerry	Baguio	
2. 1 st Place	Baguio UP Marathon	Lindawan, Jerry	Baguio	
3. 1 st Place	Baguio 10 KM. Run	Lindawan, Jerry	Baguio	
4. 1 st Place	Baguio 10 KM. Footrace	Lindawan, Jerry	Baguio	
5. Bronze	Provincial Taekwondo	Lindawan, Jerry	Baguio	
6. Gold	Wushu BBEAL Competition	Olod, Bryan	Baguio	
7. Silver	Wushu BBEAL	Olod, Bryan	Baguio	
8. Champion	Kickboxing Invitational	Berto, Alvin	La Trinidad	
9. 1 st Place	Baguio GMA-3 KM Footrace	Salbino, Roman	April 2007 Baguio	CTE/BSE
10. 1 st Place	Baguio 3 KM. Run	Salbino, Roman	June 10, 2007 Baguio	
11. 3 rd Place	Baguio 10 KM. Footrace	Salbino, Roman	April 22, 2007 Baguio	
12. 4 th Place	Baguio Takbuhan	Salbino, Roman	April 5, 2007 Baguio	
13. Gold	Taekwondo CHESAA	Asiong, Janice	March 27, 2007 Baguio	
14. Silver	YMCA Armistournament 65 kgm.	Napeek, Allen	November 25, 2007 Baguio	
15. Silver	1 ST Benguet Day Junior Karate Tournament 65 KGM.	Napeek, Allen	November 30, 2007 Benguet	
16. Bronze	YMCA Armistournament 65 kgm.	Udocion, Donje	November 25, 2007 Baguio	
17. Bronze	1 ST Benguet Day Junior Karate Tournament 65 KGM.	Udocion, Donje	November 30, 2007 Benguet	
18. Miss CHESAA	CHESAA Pageant	Rivera, Yumiko Claire	March 27, 2007 Baguio	
19. 2 nd Place	First Run	Duyongan, Ghona	August 2007	CTE/BSE
20. 3 rd Place	First Run	Laus, Christine	August 2007	CTE/BSE
21. Bronze	YMCA Karatedo-Arnis Tournament	Beniasan, Efren	November 25, 2007 Baguio	CA/BSA
22. Silver	1 ST Benguet Day Junior Karate Tournament	Beniasan, Eiren	November 30, 2007 Benguet	
23. Bronze	YMCA Karatedo-Arnis Tournament	Valdez, Florentino	November 25, 2007 Baguio	

Table 5. Continued
Level/Award

Level/Award	Event	Awardee	Date/Venue	College/ Dept.
24. Silver	1 st Benguet Day Junior Karate Tournament	Valdez, Florentino	November 30, 2007 Benguet	
25. Bronze	YMCA Karatedo-Arnis Tournament	Alejandro, Jane	November 30, 2007 Benguet	
26. Silver	1 st Benguet Day Junior Karate Tournament	Alejandro, Jane	November 25, 2007 Baguio	
27. Bronze	YMCA Karatedo-Arnis Tournament	Wakat, Monaliza	November 25, 2007 Baguio	
28. Silver	YMCA Karatedo-Arnis Tournament	Dengay, Maphy		
29. Medalist	1 st Benguet Day Junior Karate Tournament	Dengay, Maphy	November 30, 2007 Benguet	
30. Gold	YMCA Karatedo-Arnis Women's Division	Chaokas, Jovy	November 25, 2007 Baguio	
31. Bronze	1 st Benguet Day Junior Karate Tournament White/Green Belt (WD)	Chaokas, Jovy	November 30, 2007 Benguet	
32. 1 st Place	First Run	Agang-ang, Rowena	August 2007	
33. Bronze	1 st Benguet Day Junior Karate Tournament 55 KGM	Alejo, Kevin	November 30, 2007 Benguet	
34. Silver	1 st Benguet Day Junior Karate Tournament 55 KGM	Guidaocan, Marchial	November 30, 2007 Benguet	
35. Gold	1 st Benguet Day Junior Karate Tournament 65 KGM	Kudan, Jason	November 30, 2007 Benguet	
36. Bronze	Wushu BBEAL Competition	Langawit, Lorna	Baguio	
37. Bronze	YMCA Karatedo-Arnis Tournament	Wakat, Monaliza	November 25, 2007 Baguio	
38. Silver	YMCA Karatedo-Arnis Tournament	Dengay, Maphy		
37. Bronze	YMCA Karatedo-Arnis Tournament	Wakat, Monaliza	November 25, 2007 Baguio	
38. Silver	YMCA Karatedo-Arnis Tournament	Dengay, Maphy		
39. Medalist	1 st Benguet Day Junior Karate Tournament	Dengay, Maphy	November 30, 2007 Benguet	
40. Gold	YMCA Karatedo-Arnis Women's Division	Chaokas, Jovy	November 25, 2007 Baguio	
41. Bronze	1 st Benguet Day Junior Karate Tournament White/Green Belt (WD)	Chaokas, Jovy	November 30, 2007 Benguet	
42. 1 st Place	First Run	Agang-ang, Rowena	August 2007	
43. Bronze	1 st Benguet Day Junior Karate Tournament 55 KGM	Alejo, Kevin	November 30, 2007 Benguet	
44. Silver	1 st Benguet Day Junior Karate Tournament 55 KGM	Guidaocan, Marchial	November 30, 2007 Benguet	
45. Gold	1 st Benguet Day Junior Karate Tournament 65 KGM	Kudan, Jason	November 30, 2007 Benguet	
46. Bronze	Wushu BBEAL Competition	Langawit, Lorna	Baguio	
47. Bronze	Wushu BBEAL Competition	Catnas, Elcid	Baguio	
48. Champion	Kickboxing Invitational	Morgan, Philip	November 2007 Benguet	
49. Champion	Kickboxing Invitational	Sacpa, Clyde	November 2007 Benguet	
TOTAL	79			



Sports Awards

Table 5 and Figure 7 show 79 sports awards garnered by students in 2007 broken down as one (1) international, eight (8) national, 31 regional and 39 local awards. The international award is a silver in muay thai SEA games. The national awards include three (3) golds in muay thai 45-48 kg, marathon 10 km and incorporated student category plus one (1) silver in muay thai, km and incorporated student category plus one (1) silver in muay thai, two (2) bronze in muay thai and wushu, one (1) fourth place wushu and one (1) second place rodeo. The regional awards include 10 golds in muay thai, taekwondo, dancesport and marathon, 10 silver in taekwondo and arnis, seven (7) bronze in taekwondo and marathon and four (4) other awards. There were 38 local awards ranging from gold to bronze medals in takbuan, arnis, junior karate, karatedo-arnis, wushu and kickboxing.



A Veterinary Medicine student at the Rodeo Masbateño 2007//CVM

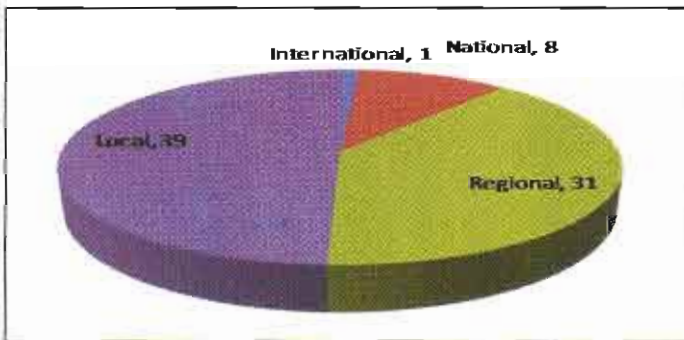


Figure 7. Number of sports awards garnered by students in 2007 competitions



Famed BSU athlete Jerry Lindawan leads the lighting of the torch at the 2007 CARASUC meet.//IPES

Loyalty Awardees

Sixteen graduates from CTE, CN, CHET, CA and CVM were recognized as loyalty awardees for having completed their education in the University from elementary to college (Table 6 and Figure 8).

Table 6. Loyalty awardees 2007

	Name	College	Degree
1.	BANGCADO, Andrew T.	CTE	BSE
2.	BOLINTO, Henna Lyn B.	CN	BSN
3.	BUMACAS, Joyce P.	CHET	AET
4.	CABEDO, Pamela Blanca	CN	BSN
5.	CUADRA, Ilene C.	CA	BSA
6.	DELIGEN, Leisley C.	CVM	DVM
7.	ESLAVA, Elane Louie F.	CHET	BSET
8.	GAOYEN, Bao-idan Omar, F.	CN	BSN
9.	GONZALES, Fennilyn C.	CHET	AET
10.	KUDAN, Still B.	CA	BSA
11.	MAGALGALIT, Daryl C.	CTE	BSE
12.	MALIONES, Charmaine S.	CN	BSN
13.	POL-AS, Jean P.	CHET	BSND
14.	SAGORSOR, Haidee Lyn M.	CN	BSN
15.	YADNO, Mayfour B.	CTE	BSE
16.	YUBOS, Leonor P.	CN	BSN

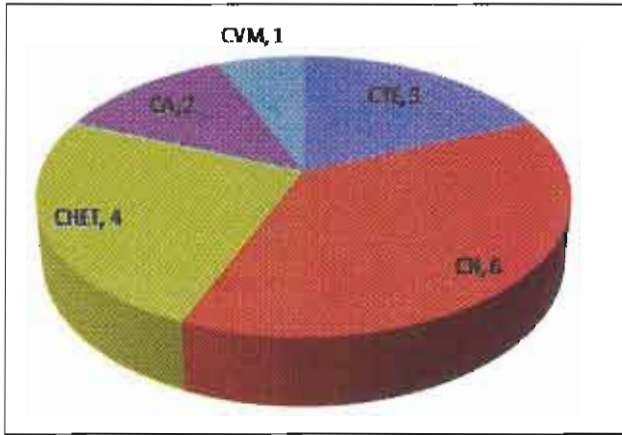


Figure 8. Number of graduates in the different colleges as loyalty awardees in 2007

STUDENT WELFARE/ SERVICES

The University lives up to its "Student First" policy. This is expressed in the provision of the scholarship grants, extra-curricular activities, health services, library services and access to research, ICT and sports facilities which all contribute in shaping a graduate to be globally competitive in his chosen field of specialization.

Scholarship Grants and Financial Assistance

For the SY 2007-2008, 590 students availed of scholarships and financial assistance by the University (Figure 9). Academic scholars included 33 entrance scholars as valedictorians and salutatorians from high

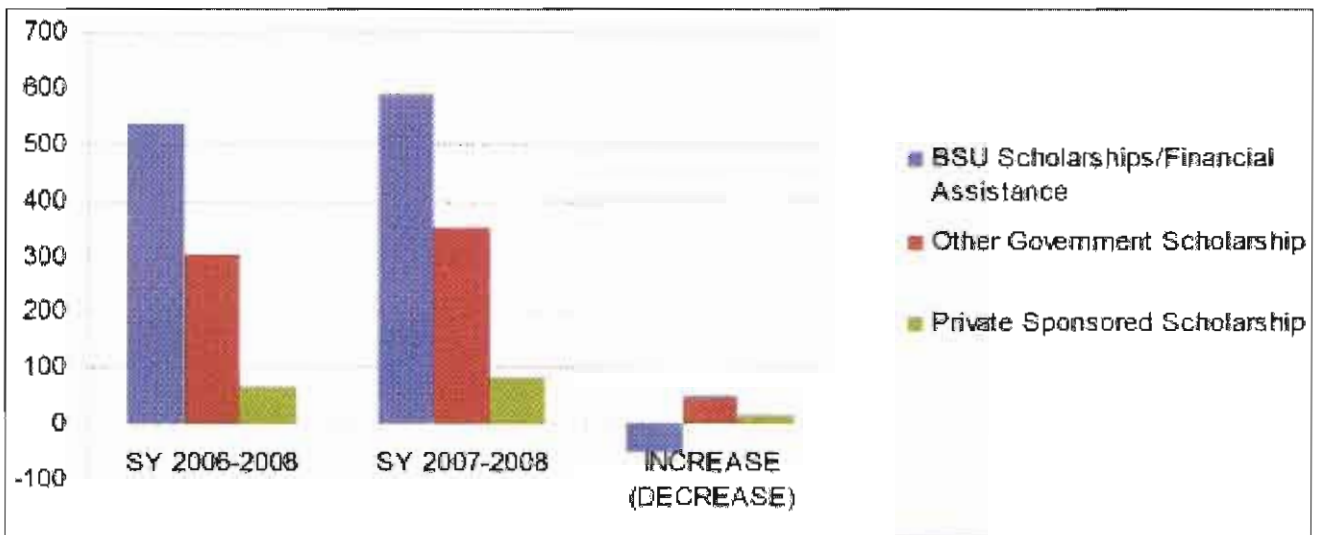


Figure 9. Number of students who were granted scholarship for SY 2007-2008

schools they graduated from, 34 University scholars for students who maintain GWA of 1.00-1.50 and 279 college scholars (GWA of 1.51-1.75). There were 231 non-academic grantees inclusive of dependents of employees, athletes and members of student organizations. Eighty students served as student assistants and 35 students availed of the special program for employment of students.

There were 350 scholars of several government institutions and 83 scholars of private groups.



The University medical clinic//JPAO



BSU students after a happy visit to the Saint Luke's Medical Center//CHET



Mr. and Ms. BSU 2007//CAS



IRRI Assistant Scientist Rhodesia Celay-Manzano, a Bachelor of Science in Agriculture graduate of BSU and is currently connected to the International Rice Research Institute, was the guest speaker during the CA Day on February 28, 2007.//CA

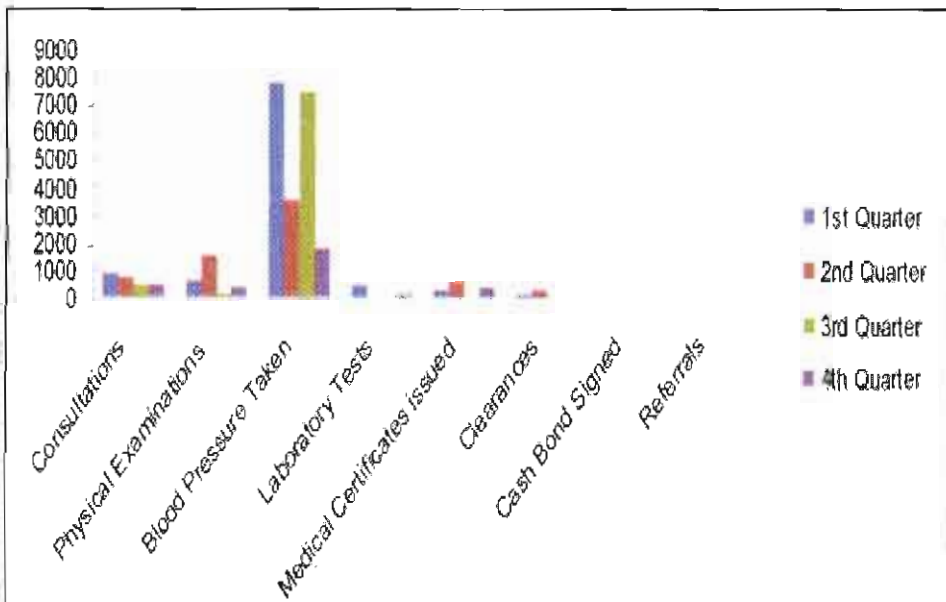
Extra-Curricular Activities

All colleges were given opportunities to sponsor week/month long activities to encourage students to develop their capabilities in their chosen fields of specialization and to provide teambuilding opportunities among themselves. The activities include the celebration of the IT Week, Environmental Week, Buwan ng Wika, Nutrition Month, Forestry Week, College of Agriculture Day, Development Communication Week, Entrepreneurship Month, and Student Day during University Charter Day Celebration. Students were given opportunities to participate in competitions, exhibits, fora and conferences.

The conduct of outreach programs in depressed barangays of the province and the region provided learning/analytical opportunities for students as well. Likewise, opportunities for lakbay-aral gave students actual exposure to real business operations as were achieved by the College of Agriculture students who went to the University of the Philippines at Los Baños, International Rice Research Institute and BIOTECH and the College of Home Economics and Technology students who went to St. Luke's Medical Center.

Health Services

The University Health Services caters to both students and employees. As shown in Figure 10, several



consultations, physical examinations, blood pressure readings, laboratory tests and issuances of medical certificates, clearances and referrals were in 2007. In addition, Table 7 shows activities done on dental-related needs of students plus concerns for osteoporosis and medical executive examination of personnel.

The continuing equipmentation of the medical and dental clinics greatly improved the quality of services given to students and employees which is indicated in almost daily 8-hour accommodation of clients.

Figure 10. Accomplishment of the University Health Services in CY 2007



Table 7. Activities undertaken by the medical-dental staff in 2007

Date	Activity	Staff Involved
January 11-12, 2007	Clinic Open House (Charter Day Celebration) Free laboratory tests Free Slide Show (Oral Health)	All UHS Staff Volunteer Med techs
January 25-26, 2007	Medical Dental Outreach, BSU - Bokod (Health lecture ,tooth extraction ,dental check – up, laboratory tests)	Jane Baliag Manolita Alvaro Milanita Lucas Pedro Dayao
March 1-2, 2007	Medical-Dental Outreach BSU-Buguias Campus	Manolita Alvaro Milanita Lucas Pedro Dayao
June 29, 2007	Launching of "Araw-araw Magsipilyo" BSU - ELS	Milanita Lucas Pedro Dayao Jane Baliag
June 30, 2007	Together with Dr.F.Comila visited the diff. Lab Clinics in Baguio and La Trinidad for the proposed Executive Check up of BSU Personnel	Dr. Villa Formaran
July 6, 2007	Toothbrushing Drill - Grade IV-VI pupils BSU - ELS	UHS Staff
July 20, 2007	Launching of Weekly Fluoride Rinsing BSU - ELS	UHS Staff
September 26, 2007	Medical Dental Outreach - BSU Bokod Campus	UHS Staff Manolita Alvaro
November 12, 2007	Commencement of Executive Exams of BSU	Personnel
November 26, 2007	Bone Scan Test for Osteoporosis	BSU Employees
December 3- 21, 2007	Continuation of Executive exams	Personnel
December 18-31, 2007	Appraisal of Diagnostic tests results of BSU personnel	Personnel

Dormitories, Classrooms and Other Facilities

The existing dormitories for undergraduate ladies, undergraduate gentlemen, local graduate students and foreign graduate students were regularly maintained and repaired to provide quality accommodation.

Classrooms, laboratories and screenhouses were continually maintained to provide for instructional and research needs of students. Likewise, the multipurpose hall commonly called Anthurium Hall, the enclosed gymnasium, main library cabinets and the canteens were maintained for the needs of students.

Library Collections

A total of 919 book titles and 51 journals/magazines were acquired in 2007 as based on the selection by faculty members during the book fair held in the University in February 2007 (Table 8). The total collection by subject vis-à-vis the circulation statistics is shown in Figure 11. As proof of library usage, Figure 12 shows the registered users of library collections by college. The list disregards those who use library references only inside the library.

Table 8. Library materials acquired in 2007

Library Material	No. of Titles	Budget (Php)	Fund Source
A. Books	142	433,813.25	General Fund
	605	1,642,537.80	PIJC
	<u>172</u>		Donations
Sub-total	919	2,076,351.05	
B. Journals/Magazines	11	59,618.19	General Fund
	9	60,583.00	PIJC
	<u>31</u>		Donations
Sub-total	51	120,201.19	
TOTAL	970	2,196,552.10	

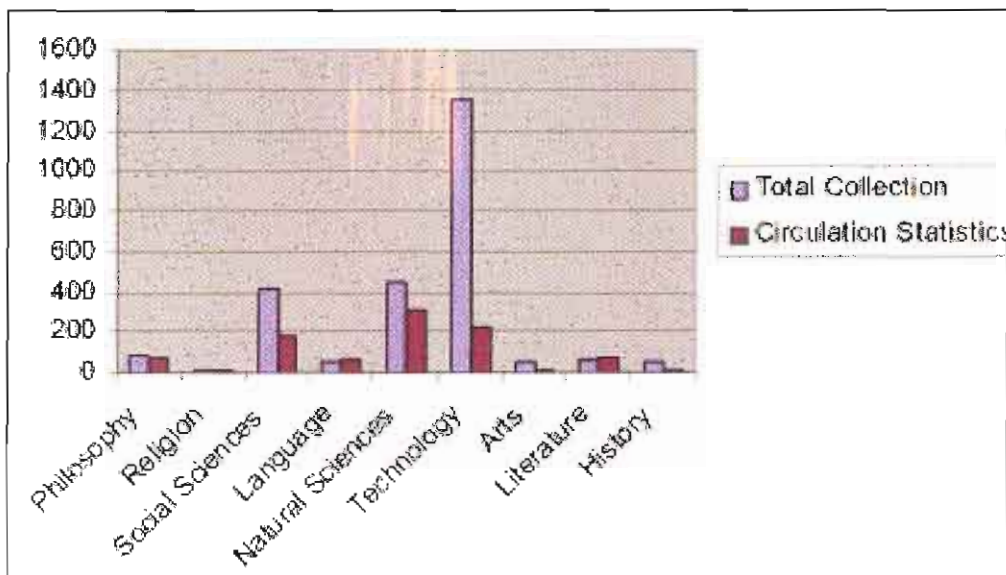


Figure 11. Circulation statistics of library collections by subject

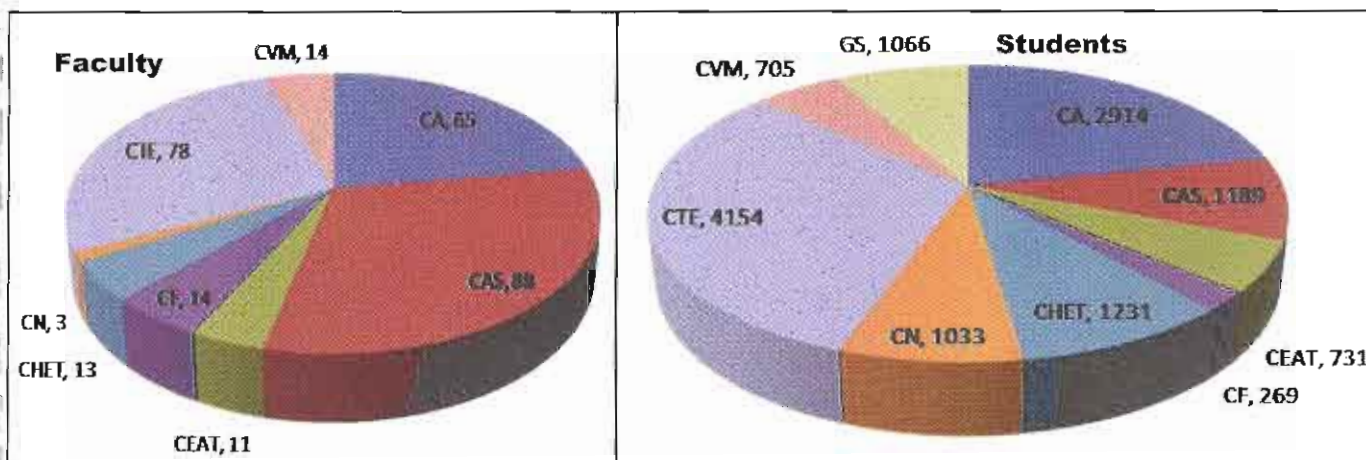
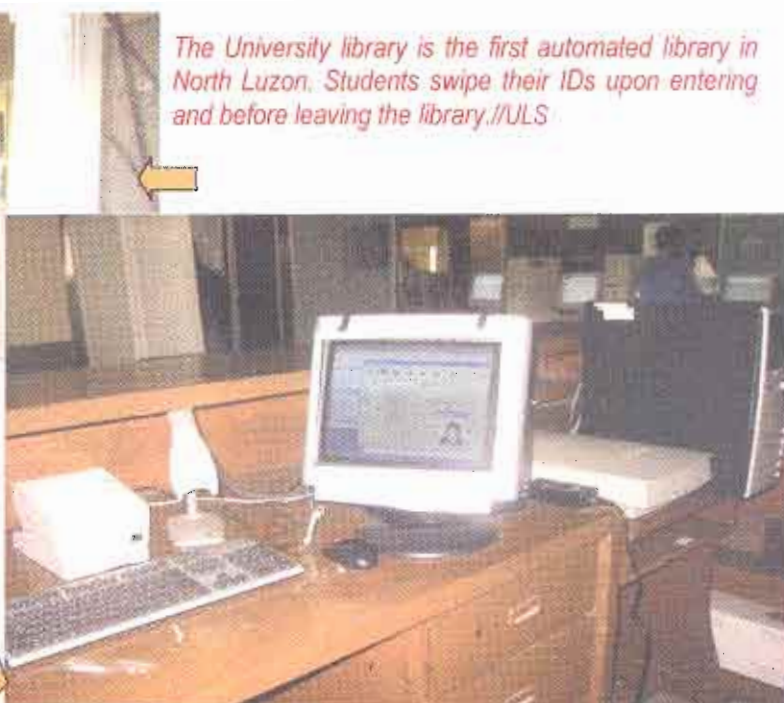


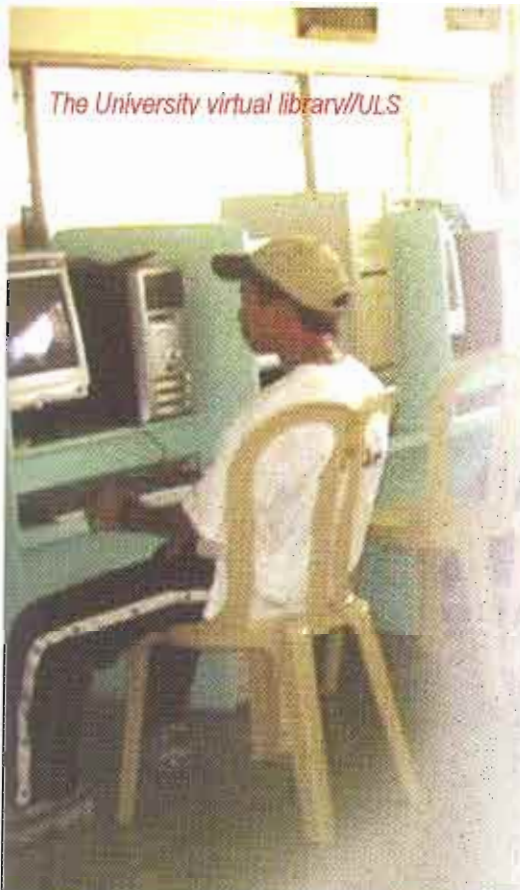
Figure 12. Registered users of library collections by college in 2007



The University library is the first automated library in North Luzon. Students swipe their IDs upon entering and before leaving the library.//JLS

Books in the library are barcoded so that registered users will only need to have them scanned in the circulation desk to borrow them, no need to sign forms.//JLS





ICT Facilities

The University has been maximizing services towards computerized instruction-related services. In 2007, limited resources provided for 17 units of computers installed at the College of Nursing to serve for surfing and encoding needs of Nursing and Veterinary Medicine students. Thirty (30) units had been purchased to be installed at the College of Engineering and Applied Technology for students of that college, other departments of College of Arts and Sciences, the Institute of Physical Education and Sports and students residing in the Ladies' Dormitories and nearby boarding houses.

On the other hand, 10 units of computers were added to the existing facility for BS Information Technology laboratory and another 10 units for BS Applied Statistics laboratory (Table 9).

Faculty Profile

The University has 316 faculty members, of whom 1 (0.32%) is a college professor, 36 (11.39%) are professors, 55 (17.41%) are associate professors, 66 (20.89%) are assistant professors and 158 (50.10%) are instructors (Figure 13). A total of 87 (27.53%) are PhD/EdD holders, 141 (44.62%) with MS/MA degrees and 88 (27.85%) with BS Degrees (Figure 14). Majority of the faculty members (25.63%) are in the College of Arts and Sciences, followed by the College of Teacher Education (23.73%) and College of Agriculture (21.20%).

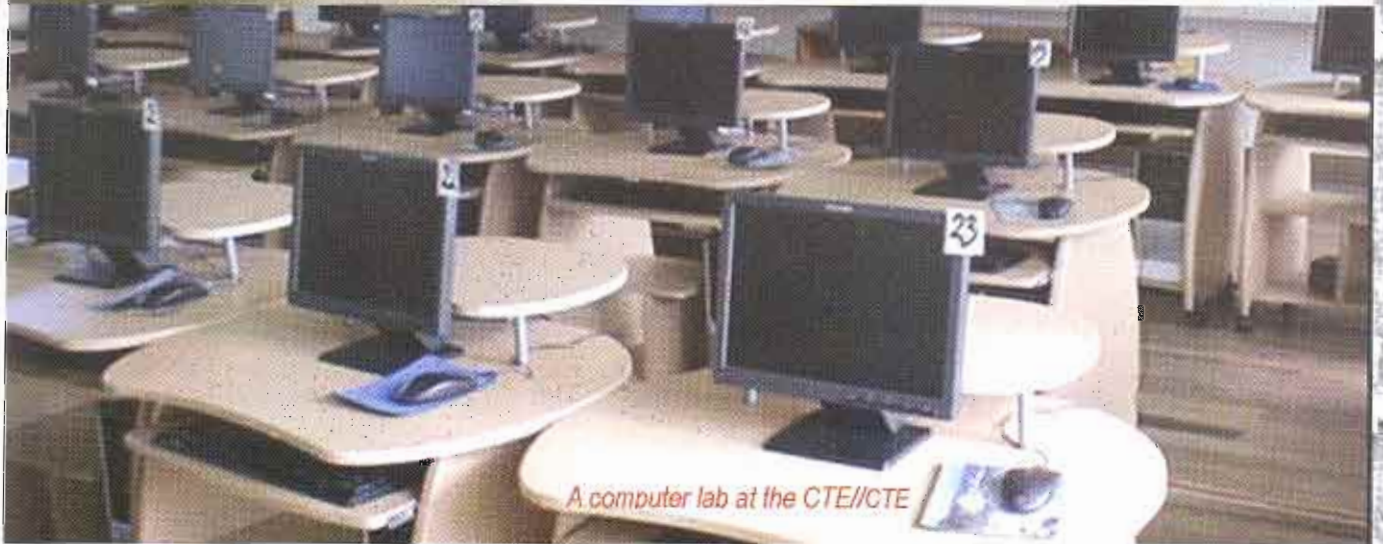


Table 9. Number of computers distributed to concerned colleges in 2007

No. of Computers Purchased	Place of Installation	Purpose
17 units	College of Nursing (CN)	Surfing and encoding by students of CN and College of Veterinary Medicine
30 units	College of Engineering and Applied Technology (CEAT)	Surfing and encoding by students of CEAT, departments of College of Arts and Sciences and Institute of Physical Education and Sports
10 units	College of Arts and Sciences (CAS)	Laboratory classes for BS Information Technology
10 units	CAS	Laboratory classes for BS Applied Statistics

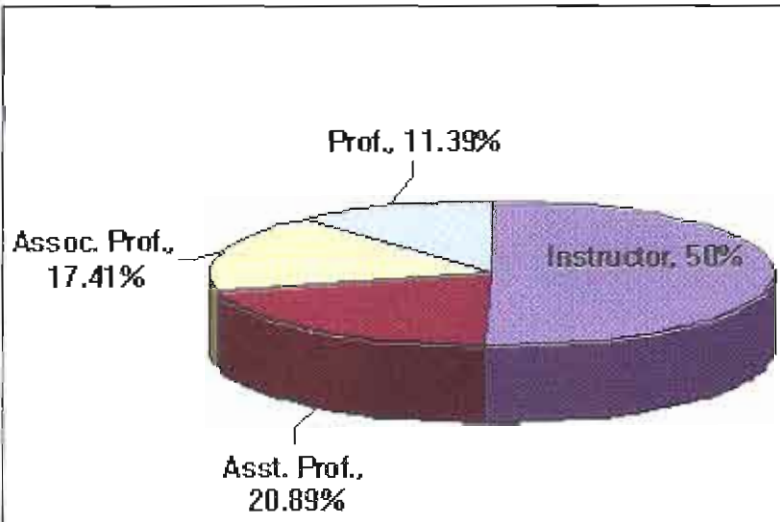


Figure 13. Faculty profile by rank

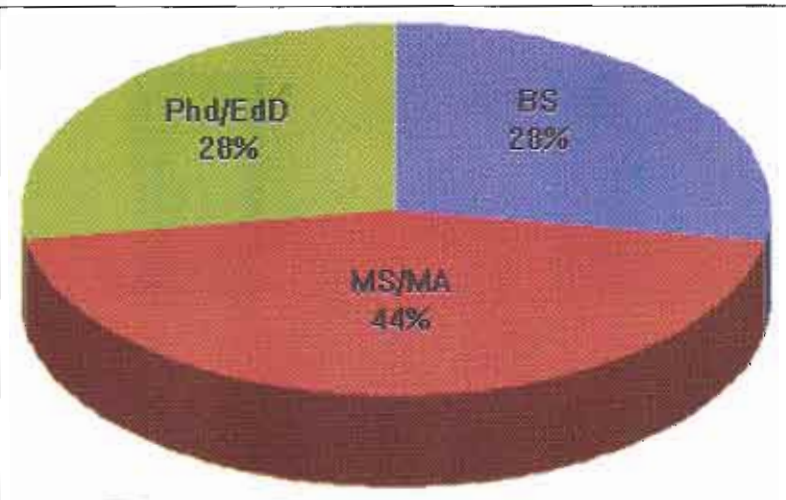


Figure 14. Faculty profile by highest degree attained

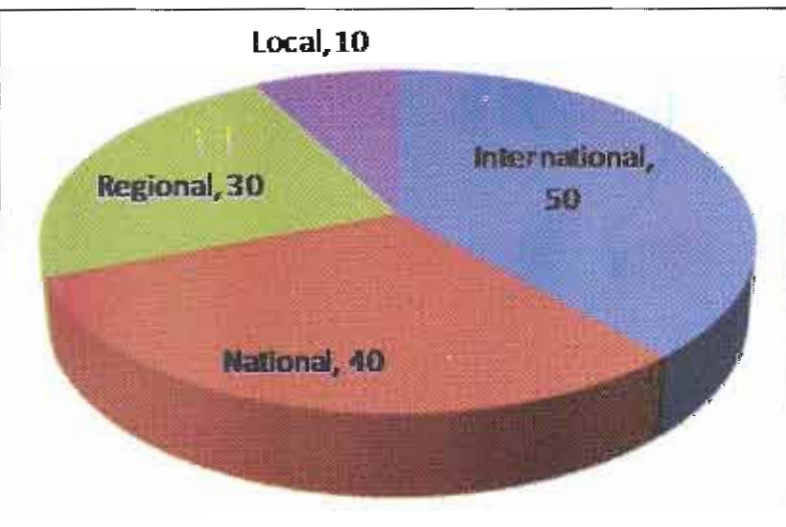


Figure 15. Number of trainings/conferences attended by faculty members in 2007

Faculty Grants and Development

To improve the capability of faculty members to serve students, the University supports scholarships for degree programs, sabbatical leave, faculty exchange and retooling activities.

In 2007, 18 faculty members and staff completed their PhD and masters' degrees in various fields: forestry, physics, music, nursing, library and information technology, biology, philosophy and agronomy (Table 11). On the other hand, 21 faculty and librarians were sent for advance studies in history, anthropology, human nutrition, library science, forestry, psychology, information technology, development communication, environment and natural resources management and social science (Table 11).

Three faculty members are on sabbatical leave (Table 12). Two personnel are on faculty exchange in South Korea for English instructors (Table 13). Two faculty members were awarded separate professorial chairs by the Philippine Agriculture and Resources Research Foundation, Inc. (PARRFI) and the Center of Excellence in Agriculture Education.

This year marked the increase of international trainings/seminars/conferences attended i.e. 50 faculty members attended international conferences in the Philippines, USA, South Korea, Indonesia, Malaysia, India, Taiwan, Japan, Germany, Italy, Belgium, and Iran (Table 14). There were 40 national, 30 regional and 10 local events attended by faculty members and staff (Figure 15).

Table 10. Faculty members and staff who completed their graduate studies in 2007

Name	Position	Unit Assignment	Degree and Specialization	School Attended	Date of Graduation	Sponsor
1. ACWADEY, Freddie L.	Forest ranger	CF	MS Forestry	BSU	April 2007	None
2. BALAKI, Yvonne C.	Instructor 1	CTE	MAT & Music	DMMMSU		Personal
3. BAWANG, Ederson G.	Faculty	CAS	M.A. Physics	BSU	Summer 2007	None
4. CARANTO, Lawrence C.	Faculty	CN	Master of Arts in Nursing	Phil College of Health Sciences, Manila		Personal
5. ESCO, Jonalyn S.	Faculty	CN	Master of Arts in Nursing	Lyceum of North-western Luzon		Personal
6. ESIONG, JennyV.	Faculty	IPES	Master of Arts	BSU	April 2007	None
7. GONZALES, Ines C.	Associate Professor II	R & E	Ph. D. Agronomy	BSU		Personal
8. LASCANO, Elizabeth A.	Administrative Aide	ULS	MA Library & Information Technology	Saint Louis University	November 2007	PIUC-BSU (Thesis assistance)
9. LEYGO, Sarah B.	Instructor 1	CN	MA Nursing	PCHS		Personal
10. MANG-OY, Lucille B.	Administrative Aide IV	CAS	MS Entomology	BSU		Personal
11. NATIVIDAD, Doris S.	Faculty	CN	Master of Arts in Nursing	Phil Col of Health Sciences, Manila		Personal
12. NGIWAS, Sano L.	Forest Ranger	LRO	MSF Watershed Management	BSU		Personal
13. OGBINAR, Lowell L.	University Veterinarian	CVM	MS Biology	BSU	November 2007	None
14. PANAGAN, Vicente Jr. G.	Faculty	CN	Master of Arts in Nursing	Phil Col of Health Sciences, Manila		Personal
15. PARCASIO, Aurora P.	Guidance Counselor	OSA	MAE Guidance and Counseling	BSU		Personal
16. PARINAS, Noel S.	Faculty	CAS	Masters in Philosophy	Saint Louis University	November 2007	None
17. SAGALLA, Esther Josephine	Faculty	CA	MS Agronomy	BSU	March 2007	COE
18. SIMONGO, Donita K.	Instructor I	R & E	PhD Agronomy	BSU		Personal



MS and Ph.D. graduates take their oath of loyalty during the special mid-year graduation on November 2007 //R&E



Table 11. Faculty members and librarians who were on scholarship in 2007

Name	Position	Unit Assignment	Degree and Specialization	School Attended	Sponsor/Type of Scholarship	Duration of Scholarship
1. ANONGOS, Stanley F.	Instructor I	CAS	Ph.D. History	UP Diliman	PIUC	June 2001-1st sem 2007-08
2. BATANI, Ruth S.	Asst. Prof. II	CAS	Ph.D. Anthropology	UP Diliman	De-loading	2nd sem, 2007-08
3. BELINO, Pelin B.	Asst. Prof. II	CHET	PhD in Human Nutrition	UP Los Baños	DOST-PCHRD	June 2007-June 2010
4. CALIAS, Florida D.	College Librarian II	CVM	MA Library Science	SLC/San Fernando City	PIUC & BSU	Three years
5. CALIAS, Florida D.	College Librarian II	CVM	MAED major in Library Science	St. Louis College-San Fernando, La Union	PIUC-BSU	Three semesters
6. JALON, Lea M.	College Librarian I	ULS	MA in Library and Information Technology	St. Louis University, Baguio City	PIUC-BSU	Five semesters
7. KIPAAN, Lauren P.	College Librarian II	ULS	MA in Library & Information Technology	St. Louis University, Baguio City	PIUC-BSU	Five semesters
8. LARUAN, Kenneth A.	Instructor II	CF	PhD Forestry	UP Los Baños	CHED	Three years
9. MULA, Rosanna P.	Assoc. Prof. V	CA	Post PhD-Post Doctorate Fellowship	ICRISAT, India	ICRISAT	October 2005 – Sept. 30, 2007, Oct 2007- April 2008 (earned leaves)
10. PARAO, Marissa R.	Instructor II	CF	PhD Forestry	UP Los Baños	SEARCA	Three years
11. QUINDARA, Hilda L.	Asst. Prof. IV	CA	PhD-Post Harvest	UPLB, Laguna	PIUC-VLIR-BSU	June 2005 – May 2008
12. RICARDO, Marjorie C.	College Librarian I	ULS	MA in Library & Information Technology	St. Louis University, Baguio City	PIUC-BSU	Five semesters
13. SAMONTE, Leonardo L.	Asst. Prof. IV	CAS	NA	NA	De-loading	1st sem, AY 2007-08
14. SIBAYAN, Jean Jeannette D.	Instructor II	OSA/CTE	PhD Psychology	DLSU	Local	June 2006-May 2009
15. SICMAT, Merdale B.	Administrative Aide VI	Admin	Diploma – Tourism & Hospitality Management	Shakespeare College, United Kingdom	BSU	October 1, 2007 – January 31, 2009
16. TAGARINO Leopoldo N.	Assoc. Prof. II	CS	PhD. Agricultural Economics & Agribusiness Mgmt.	University of Ghent	BSU-PIUC	November 4, 2005 – November 2008
17. TANDANG, Leoncia L.	Prof. IV	CAS	Post PhD-Physiology & Breeding of Pasture & Forage Crops Project	SU-Tropical Agriculture (NISA), Korea	BSU	July 1, 2006 – June 2008
18. TEOFILO, Frey	Instructor I	CAS	MS IT	SLU	De-loading	2nd sem, AY 2007-08

Table 11. Continued...

Name	Position	Unit Assignment	Degree and Specialization	School Attended	Sponsor/Type of Scholarship	Duration of Scholarship
19. WAKAT, Anna Liza	Instructor I	CA	MS DevCom	UP-Open University	CHED-COE	
20. WAKAT, Jimmy	Instructor I	CA	MS Env't & Natural Resources Mgmt	UP-Open University	CHED-COE	
21. WALSIYEN, Myrna	Assoc. Prof. I	CA	PhD Animal Science	DLSU	CHED-COE	

Table 12. Faculty members on sabbatical leave in 2007

No.	Name	Position	Unit/ Assignment	Field Specialization	Duration
1	CALORA, Feliciano G. Jr.	Assoc. Prof II	CF	To write a book on Urban Forestry	November 2007 – October 31, 2008
2	LADILAD, Araceli	Prof. II	CA	To finish manuals on Statice and Gladiolus Production and to improve manuals on Chrysanthemum Production and Rose Production and possibly start with Techno Guide on Benguet Lily Production	November 2007 – October 2008
3	TACLOY, John	Asst. Prof. IV	CF	To produce documentation of tree species within BSU Forest reservation as instructional materials in Dendrology	June 13, 2007 – June 12, 2008

Table 13. Personnel on faculty exchange program in 2007

No.	Name	Position	Unit/ Assignment	University	Duration
1.	BATACLAO, Ronda	Instructor 1	CAS	Kyungwoon, Univ of Korea	March 1, 2007 – Feb. 28, 2008
2.	JACALAN, Gilda Victoria	Information Officer IV	UPAO	Kyungwoon, Univ of Korea	March 1, 2007 – Feb. 28, 2008



Dr. Sonwright Maddul, Mrs. Loma Lino, Dr. Luciana Villarueva, Dr. Leopoldo Tagarino and Dr. Jane Avila at the Asian Vegetable Research and Development Center (AVRDC), Taiwan//STVRDC

Dr. Belinda Tad-awan presenting a paper during the 7th International Society of Southeast Asian Agricultural Sciences (ISSAAS) National Convention and Annual Meeting on October 25-26, 2007 at SEARCA, Los Baños, Laguna//CA



Faculty and staff of the Agronomy Department of the College of Agriculture at the ISSAAS Convention in Laguna //CA





Table 14. Trainings, seminars, conferences attended by faculty members in 2007

Training/Seminar/Conference		Faculty	Date/Venue	Sponsor
A. INTERNATIONAL				
1. International Conference on the Conservation and Popularization of the Pangalay and Related Asian Dance Cultures		Lenor, M.	February 8-21, 2007/ Marikina City	ICCP
2. International Conference on the Conservation and Popularization of the Pangalay and Related Asian Dance Cultures		ESIONG, J.	February 8-21, 2007/ Marikina City	ICCP
3. International Conference on the Conservation and Popularization of the Pangalay and Related Asian Dance Cultures		CORPUZ, E.	February 8-21, 2007/ Marikina City	ICCP
4. Present paper in the International Business Summit and Research Conference, INBUSH 2007 & exposure in ICRISAT		DAGUPEN, Klondy	Marie Noida, Delhi and ICRISAT Hyderabad, India	
5. Training on Embryo Transfer of Domestic Animals		MENDOZA, Ana	Feb. 20 - May 26, 2007/ Japan	
6. Japanese Language Course		MENDOZA, Ana	March 1-20, 2007/ Japan	NLBC
7. Visit the food processing links of AVRDC, NPUST and NCHU and discuss possible research collaboration		AVILA, Jane	March 12-17, 2007 / Taiwan	
8. Flesh out details of Memorandum of Agreement with the AVRDC and explore further collaboration with the universities		MADDUL, wright	March 12-17, 2007 / Taiwan	
9. Visit the food processing links of AVRDC, NPUST, and NCHU and discuss possible research collaboration		LINO, Lorna	March 12-17, 2007 / Taiwan	
10. Study the supply chain for vegetables looking at the roles of AVRDC and the universities		TAGARINO, Leo-poldo	March 12-17, 2007 / Taiwan	
11. Flesh out details of Memorandum of Agreement with the AVRDC and explore further collaboration with the universities		VILLANUEVA, Luciano	March 12-17, 2007 / Taiwan	
12. Present paper at the American Educational Research Association (AERA) 2007 annual Convention		LUBRICA, Joel	April 4-16, 2007 / Chicago, Illinois, USA	AERA
13. Present paper at the American Educational Research Association (AERA) 2007 annual Convention		LUBRICA, Maria Azucena	April 4-16, 2007 / Chicago, Illinois, USA	AERA
14. International Conference on Bridging Gaps in Agriculture R & D Toward Sustainable Development		TAD-AWAN, B.S.	April 10-12, 2007/ Nueva Ecija	CLSU
15. International Conference on Bridging Gaps in Agriculture R & D Toward Sustainable Development		TAD-AWAN, B.A.	April 10-12, 2007/ Nueva Ecija	CLSU
16. International Conference on Bridging Gaps in Agriculture R & D Toward Sustainable Development		LAUREAN, C.P.	April 10-12, 2007/ Nueva Ecija	CLSU
17. Recreating Research Culture and Leadership in a Knowledge-Based Society		NAGPALA, A.L.	April 13, 2007/ Baguio City	CLSU and Maejo University
18. Scientific and Technological Information Management in Universities and Libraries: an Academic Training Environment		JALON, L.	May-July 2007/ Belgium	

Training/Seminar/Conference	Faculty	Date/Venue	Sponsor
19. Participate in the University Staff Development Programme (UNISTAFF)	SITO, Leonila	May 1 – July 5, 2007 / University of Kassel, Witzenhausen, Germany	
20. 1 st International Conference of the Philippines Society for the Study of Nature	LIRIO, L.G. (presenter)	May 2-4, 2007/ Palawan	PSSN
21. UN Permanent Forum on Indigenous People	BATANI, Ruth S.	May 12-27, 2007 / New York, USA	UNIFIP
22. Attend and present paper and poster to the 59 th International Symposium on Crop Protection and Recycling Scholarship on Nematology at the Catholic University of Leuven	VILLANUEVA, Luciana	May 15 – June 2, 2007 / Belgium	
23. ICT Concluding Evaluation of the "The VLIR-IOUS Programme for Institutional University Cooperation (IUC) Evaluation of Selected ICT Related Projects/Feasibility Study Concerning a Traversal ICT Programme and to Discuss ICT Technical Matters with the Belgian Project Leaders	ABENOJA, Almario	May 20 – 27, 2007 / Belgium	
24. PCARRD's Continuing Education Program on Research and Technology Management of NARRDS Leader-Managers	MADDUL, Sonwright	May 28 – June 2, 2007 / Malaysia	
25. Share experiences in the PIUC to the Anton de Korn Universiteit van Suriname (ADEKUS) and to attend meetings with Flemish Professors.	TAGARINO, Darlyn	June 10-29, 2007 / Belgium and Suriname	
26. PAASA International Convention	MARQUEZ, E.	July-August 2007/ Baguio City	PAASA
27. International Workshop on Indigenous Women and the Convention on Biological Diversity Implementation	BATANI, R.S.	August 15-19, 2007/ Baguio City	IW/ WCBDI
28. North-South-South joint project workshop on research methodology	GUILLAO, Jo Ann	August 26-31, 2007 / Vietnam	
29. North-South-South joint project workshop on research methodology	LANDACAN, Florentino	August 26-31, 2007 / Vietnam	
30. North-South-South joint project workshop on research methodology	DEL-ONG, Andrew	August 26-31, 2007 / Vietnam	
31. North-South-South joint project workshop on research methodology	LLANES, Clifton	August 26-31, 2007 / Vietnam	
32. North-South-South joint project workshop on research methodology	CUANGEY, Luke	August 26-31, 2007 / Vietnam	
33. North-South-South joint project workshop on research methodology	SIM, Jovita	August 26-31, 2007 / Vietnam	
34. North-South-South joint project workshop on research methodology	TAGARINO, Leopoldo	August 26-31, 2007 / Vietnam	
35. North-South-South joint project workshop on research methodology	CUNGHAN, Evangeline	August 26-31, 2007 / Vietnam	
36. North-South-South joint project workshop on research methodology	TAGARINO, Darlyn	August 26-31, 2007 / Vietnam	
37. GIS Training on Open Source Geometrics for Land Use Evaluation	DAYAP, Emilia	August 27-Sept. 7, 2007 / Leuven, Belgium	
38. Erasmus Mundus and Asia Link: Avenues for International Networking	SITO, L.	September 6, 2007/Manila	



Table 14. Continued.

Training/Seminar/Conference	Faculty	Date/Venue	Sponsor
39. International Conference on Research in Higher Education Institution	MERESTELA, T.M.	October 24-27, 2007/ Cebu City	CHED
40. Present paper on Philippine GIS status at the ASIA GIS Workshop 2007 and 10 th Anniversary of the Korean Assoc of GIS	SALCEDO, Prescila	October 22-23, 2007 / Daegu Province, South Korea	
41. 3 rd Rizal Library International Conference	AQUINO, C.	October 22-23, 2007/ Manila	
42. 3 rd Rizal Library International Conference	LASCANO, E.	October 22-23, 2007/ Manila	
43. 3 rd Rizal Library International Conference	QUIJANO, G.	October 22-23, 2007/ Manila	
44. International Conference on Research in HEI		October 24-27, 2007/ Cebu City	CHED
45. 12 th WOCAT Annual International Workshop	BALAOING, J.G.	November 2007/ Bohol	WOCAT
46. 2 nd Water Turbine Manufacturing Training of the on-going Technical Cooperation Project (TCP) between DOE & JICA entitled "Sustainability Improvement of Renewable Energy (RE) Development in Village Electrification	MOLINTAS, Edgar	Nov. 3 - Dec 13, 2007 / Indonesia	JICA
47. 9 th Round APEC e-Learning Training Program	TEOFILO, F.P.	November 13-22, 2007/ South Korea	
48. Attend and present paper in the EROPA 21 st General Assembly and Conference on "Service Quality in Public Sector - An outcome-Based Approach" & 53 rd Executive Meeting	LEE, Gloria	Nov. 18-24, 2007 / Tehran, Islamic Republic of Iran	
49. Workshop on Rich-Media Webcasting Technologies for Science Dissemination	DUGAT, Julie Ann	Dec. 3-11, 2007 / Italy	
50. Benchmarking with Universities in Kuala Lumpur en route to Melaka and to present a Paper at ISSAAS Conference	ALUPIAS, Erlinda	Dec. 8-15, 2008 / Malaysia	
51. ISSAAS Congress	BOTANGEN, Esther	Dec. 12 - 14, 2007 / Malaysia	
52. ISSAAS Congress	GONZALES, Ines	Dec. 12 - 14, 2007 / Malaysia	
53. Indo-U.S. Workshop on Innovative E-technologies for Distance Education, Extension/ Outreach in Efficient Water Management	PADUA, Danilo	Mar. 5-9, 2007/ India	ICRISAT
54. Seminar on Choice and Use of ICTs in ODL	PADUA, Danilo	Mar. 29-30, 2007/ India	ICRISAT
55. Seminar-Workshop on Hybrid Pigeon Pea Seed Production	PADUA, Danilo	May 23-25, 2007/ India	ICRISAT
B. NATIONAL			
1. Philippine Global Trade e-Learning Program	LLANES, C.D.	August 2006-February 2007	DTI, USAID, SADC, ECG, IATP
2. 20 th AACCCUP Annual National Conference	NAGPALA, A.L. CADATAL, M.C.	February 26-27, 2007	AACCCUP
3. Forum on IT for Rural Development	FANG-ASAN, M.D.	February 2007/ UP-Diliman	
4. National Vegetable Congress	MARQUEZ, M.M. LUIS, J.	March 7-9, 2007/ Tagaytay City	Region IV
5. 7 th NRCF Annual Meeting	MERESTELA, T.M.	March 8, 2007/	NRCF

Training/Seminar/Conference	Faculty	Date/Venue	Sponsors
6. Conference on Indigenous Higher Education	CADATAL, M.D.	March 12-13, 2007/Davao City	
7. 38 th PMCP Scientific Convention	NAGPALA, A.L. LANDO, L.D.	March 20-23, 2007/Bohol	PMCP
8. 10 th PSSST Annual Meeting and Symposium	DAYAP, E.F. LAUREAN, C.P. MERESTELA, T.M. PANDOWEN, M.D.	May 24-25, 2007/SEARCA, Laguna	PSSST
9. 1 st National Coffee Forum and Trade Fair	MACANES, V.L.	May 24-26, 2007/Manila	STRAM
10. Trainers Training Course in Organic Agriculture Development in the Philippines	CADATAL, M.C. SIM, J.M.	May 21-25, 2007/ PCARRD	PCARRD
11. Seminar-Workshop on Organic Animal Production	WALSIYEN, M.B.	May 22, 2007/PCARRD	PCARRD
12. Training Workshop on Socio-Economic Research Methodologies in AFNR: Focus on Financial Analysis of S & T-Based Farms and Investment Package	SIM, J.M.	June 5-8, 2007/CLSU	PCARRD, CLSU, CLARRDEC
13. 19 th FCSSP Scientific Conference	MARQUEZ, M. TAD-AWAN, B.A. TAD-AWAN, B.S. SAGALLA, E.	June 13-15, 2007/ Tagaytay City	FCSSP
14. Technical Writing for Refereed Journal	PABLO, J.P. NAGPALA, A.L.	June 25-29, 2007/ PCARRD	PCARRD
15. National Consultation Workshop on Organic Agriculture S & T Framework and Specific RDE Program (2007-2010)	VILLANUEVA, L.M.	July 26-27, 2007/ PCARRD	PCARRD
16. Training Workshop on Scriptwriting-Storyboarding	WAKAT, A.	August 6-10, 2007/Palawan	CICT
17. In-Situ and Ex-Situ Biodiversity Conservation Techniques for Ecotourism Training cum Workshop	COLTING, L.	August 6-10, 2007/ PCARRD	PCARRD
18. Corporate Governance and Risk Management Seminar	LUIS, J.	August 28-29, 2007/DLSPS	DLSPS
19. Intellectual Property Management Training Course cum Writeshop for Technology Disclosures and Claim Drafting	NAGPALA, A.L.	August 29-31, 2007/PCARRD	PCARRD
20. Pre-testing Workshop for CIP Participatory Training and Research Manual for Integrated Management of Potato Late Blight and Bacterial Wilt	SIM, J.M. et.al.	September 10-11, 2007/HARRDEC	CIP-UPWARD
21. On-line Writing Techniques for the eMedia Group	CARPIO, M.	November 14-16, 2007/Puerto Princesa, Palawan	CICT
22. Instructional Design for Content Development	AWAS, F. SIDCHOGAN, C.	November 24-29, 2007/CavSU, Indang, Cavite	CICT
23. 4 th Quarterly Meeting of the Association of Colleges of Agriculture in the Philippines	FANG-ASAN, M.	November 27-29, 2007/Sultan Kudarat, Mindanao	ACAP



Table 14. Continued...

Training/Seminar/Conference	Faculty	Date/Venue	Sponsor
24. 26 th EENP National Conference and Scientific Meeting: Environmental Education Approaches for Sustainable Livelihood	CADELINA, M.	October 22-24, 2007/ Mindanao Polytechnic State College, Cagayan de Oro City	EENP
25. 7 th ISSAAS Philippine National Convention and Annual Meeting	SAGALLA, E. J. TAD-AWAN, B.	October 26, 2007/ SEARCA, UPLB	ISSAAS SEARCA NRCP
26. Making Waves: Emphasizing the Role of DevCom for a Sustainable Environment	CARPIO, M. BSDC students	December 13-15/ UP, Los Banos	PhilDev Com CDC- UPLBDevCom Society
27. 33 rd National Convention PICE	MACASIEB, G. Jr.	Nov. 21-24, 07/ Cebu City	PICE
28. 57 th Annual Convention of the Philippine Society of Agricultural Engineers	TEOFILO, A. MALAMUG, J.	April 15-18, 2007/ Central Luzon State University, Nueva Ecija	PSAE
29. Environmental Management Accounting Training of the Phil. Society of Agricultural Engineers.	MALAMUG, J.	April 19-21, 2007/ Central Luzon State University, Nueva Ecija	PSAE
30. 1 st National Conference on Transport Packaging	AVILA, J.	Nov. 13-14, 2007/ Iloilo City	
31. Seminar Workshop on Enhancing SUC's First Level Employees Effectiveness	NITRON, J.	Nov 5-10, 2007/ Davao City	
32. 35 th Annual Convention and Seminar Workshop of Council of Deans	BALAOING, L. AOAS, E. SOMYDEN, M.	October 25-29, 2007/ Manila	
33. 36 th PAFTE Annual National Convention	AOAS, E.	October 23-25, 2007/ Davao City	PAFTE
34. FNRI Seminar Services	DEGAY, I.	July 10-11, 2007/ Manila	FNRI
35. 2 nd Techno Commercialization Forum: Stages Technology Investment Linkages for Agriculture and Fisheries	ANILA, J. BALAOING, L.	June 27, 2007/ Baguio City	DA-BAR
36. 24 th CODHEND Annual Meeting and Workshop: Issues on CHED Memo no. 54	BALINO, P.	May 21-23, 2007/ Batangas	CODHEND
37. 11 th National Annual General Membership and SW of PAHESCU: Empowering Individuals and Families Then Home Economics	BANANIA, N.	April 25-27, 2007/ Iloilo	
38. 52 nd Annual Convention of NDAP: strengthening Partnership for Effective Nutrition-Dietetics Practice	BELINO, P. BALAURO, S. DEGAY, I.	February 19-20, 2007/ Manila	NDAP
39. Scriptwriting for Content Development	AWAS, F. SIDELYN, C.	December 12-14, 2007/ Iloilo City	ACT
C. REGIONAL			
1. Regional Workshop for R & D Stakeholders	CADATAL, M. et.al	January 21-26, 2007/ BSU	PCARRD and HARRDEC
2. Training on Competency-Based Assessor's Course	GONZALES, F.	February 13-17, 2007/ TESDA	TESDA



Table 14. Continued.

Training/Seminar/Conference	Faculty	Date/Venue	Sponsor
3. Basic Bookkeeping for Cooperatives	LAPDOCAN, F.	February 16-17, 2007/ BBCCC	BCPU
4. 2 nd Cordillera Organic Agriculture Congress	CADATAL, M. LUIS, J.	February 15-16, 2007/BSU	COADCI
5. Training Workshop on Research in	LANDACAN, F.	February 26-March 1, 2007/ BSU	NTC-ATI
6. Evaluating Poverty Impact of Development Programs in AFNR	TAD-AWAN, B.	February 21, 2007	DA-CAR
7. Northern Luzon Seminar on Economic Opportunities on Biotechnology	NAGPALA, A.	March 6, 2007/ FNRI	FNRI
8. Food Irradiation Seminar	LLANES, C.	March 7-10, 2007/ HARRDEC	PCARRD
9. Poverty Studies in Agriculture	LUIS, B.	March 14-16, 2007/ ISU	ISU
10. Sheep and Goat Expo Fair	DIANSO, J.		
11. Gearing up for Philippine Electricity Competitiveness	CUNGHAN, E.	May 1-5, 2007/ BSU	NAMREA
12. 2 nd PAGE-CAR General Assembly Cum Lecture Forum on the Art of Advising	MERESTELA, T.M. et.al.	May 26, 2007/BSU	PAGE-CAR
13. 2 nd Technology Commercialization Forum	TAD-AWAN, B.A. TAD-AWAN, B.S. MACANES, V.L.	June 27, 2007/ Baguio City	DA-CAR, DA-BAR
14. Appreciation Course on Rights-Based Approach cum Consultative Meeting on Business and Livelihood Session	AWAS, F. CARPIO, M.	July 20, 2007/ BSU	RCHREC
15. Regional Trainers for Vermicompost and Vermimeal Production	BALAOING, J.	August 1-3, 2007	
16. Bringing Organic Agriculture to our Regional Scientists and Extensionists	LUIS, J. VILLANUEVA, L. TAD-AWAN, B.A. TAD-AWAN, B.S.	August 3-4, 2007/ BSU	ISSAAS NRCP BSU
17. Regional Focal Person's Training on GAP and Organic Agriculture	BALAOING, J.	August 7-8, 2007/ BSU	BAFPS
18. 2007 Regional Highlights Symposium	TAD-AWAN, B. SOLIMEN, J. et.al.	May 16-17, 2007/BSU	HARRDEC
19. Advanced Business and Media Writing Seminar	AWAS, F. SIDCHOJAN, C.	September 7-8, 2007/ Baguio City	IABC, PBWC
20. Orientation Training on Fruits and Vegetable Organic Farming	BALAOING, J.	September 13-14, 2007/ BSU	BAFPS
21. Education and Management Development Master Plan Evaluation Workshop	NAGPALA, A. LUIS, J.	September 14 and 26, 2007/ Baguio City	CHED-CAR
22. Information Dissemination on DOST Funding Mechanisms and HRD Opportunities	COLTING, L.	November 20, 2007/ BSU	DOST-CAR
23. Responding to the Challenges of Social Research Directions through Enhancement of Research Capabilities Among Students	AWAS, F. CARPIO, M. SIDCHOJAN, C. WAKAT, A.	December 8, 2007/ BSU	DA-BAR BSU-OU

Table 14. Continued...

Training/Seminar/Conference	Faculty	Date/Venue	Sponsor
24. Capability Building on Project Development and Resource Generation for Soiled North SUC'S	PABLO, J. LUIS, J. MILO, V. PADUA, D.	December 10-14, 2007/ BSU	ICRISAT ISU BSU
25. Technical Orientation on Small Farm Machineries, Greenhouses, Drip Irrigation, Hydroponies and Alternative Form of Transport Facility	OVALAN, M.	April 27, 2007/BSU	ATI-NTC
26. Aquaculture Engineering and Water Resources Management	MALANY, J.	April 10-14, 2007/ CLSU	CLSU
27. Food Irradiation for Food Safety and Quality	BALAOING, L. BANANIA, N.	March 6, 2007/ BSU	ATI-NTC
28. Young Rsearcher's Involvement Seminar-Workshop	BELINO, P.	March 7-9, 2007/BSU	ATI-NTC
29. Zonal Workshop of ELC's	LARUAN, M. et.al	August 14-15, 2007/ Teacher's Camp	CHED
30. Standard Strategies on Abstracting, Cataloguing, and Indexing	KIPAAN, L. TALLAGO, L. QUIJANO, G.	February 22-24, 2007/ Baguio City	CHED
31. NSTP-CAR Regional Conference	CHICHIOCO, D. et.al.	February 7-9, 2007/ Baguio City	NSTP-CAR
33. Philippine-Jobnet System Orientation Meeting	PARCASIO, A.	May 10, 2007/ DOLE-CAR	DOLE-CAR
D. LOCAL			
79 local trainings/ seminars/ conferences attended	219 faculty participants	2007/ various venues	Several sponsors: CSC-CAR, BSU, ATI-NTE, DA, PIUC, SIU, et.al.

Dr. Ana B. Mendoza of the College of Veterinary Medicine delivers the group's farewell speech during the Closing Program of the Group Training Course on Embryo Transfer Technology for Domestic Animals while the co-participants looked on. //CVM



The first batch of the 10-day TESOL course during their graduation with Dr. Rogelio D. Colling, Dr. Keith W. Wright of the Australian International Language Academy and Dr. Carmel Thompson of the Southern Cross Learning Institute//UPAO

Faculty Academic Awards

One best teacher award, two (2) COE outstanding teachers and several loyalty awards were given to faculty members in 2007 (Table 15). Other awards of faculty related to research and extension are in the concerned sector.



Table 15. Academic and loyalty awards granted to faculty members in 2007

Award	Awardee
Best Teacher Award, CTE	LARUAN, Mary Jane L.
Center of Excellence in Agriculture Education (COE) Outstanding Teachers	SIM, Jovita PAYANGDO, Guerzon A.
Loyalty Award, Thirty-Five Years (35)	1. BANDA-AY, Philip P. 2. BESTRE, Erlinda C. 3. LAPICTO, Eladio O. 4. LUMA-ANG, Carlos P. 5. ZARATE, Freda O.
Loyalty Award, Thirty Years (30)	1. COLTING, Rogelio D. 2. LUIS, Ben B. 3. MADDUL, Sonwright B. 4. PARAN, Canuto S. 5. PARAN, Lorena D. 6. SOMYDEN, Ma. Corazon A. 7. VICTOR, Florencia C. 8. VILLANUEVA, Luciana M.
Loyalty Award, Twenty-Five Years (25)	1. BALANGEN, Melecio A. 2. BOTENGAN, John P., Jr. 3. CUNGHAN, Evangelin B. 4. DAGUPEN, Marie Klondy T. 5. DAYAP, Emilia F. 6. GONZALES, Fernando R. 7. KUDAN, Silvestre L. 8. LARUAN, Mary Jane L. 9. LAUREAN, Carlito P. 10. LUBRICA, Percyveranda A. 11. MACANES, Valentino L. 12. MACASIEB, Genaro W., Jr. 13. MILO, Victoria C. 14. NAGPALA, Asuncion L. 15. PANDOSEN, Magdalena D. 16. SANDOVAL, Aurea Marie M. 17. SITO, Leonila R. 18. UNTALAN, Pacquito P.



HIGHLIGHTS OF TECHNOLOGIES/RESEARCH RESULTS GENERATED

Table 16 enumerates 35 potential technologies and 14 significant information generated from the research projects of the R and E units and colleges of the University.

Technologies generated are on vegetables (pole and bush snap beans, tomato, garden pea, lettuce, pepper, cabbage and potato, Benguet lily, strawberry, Arabica coffee and mushroom. Technologies include promising entries; cropping schemes; stress, fertilizer and water management; integrated pest management; use of microbial antagonists, packaging materials for processed strawberry and jam, and formulations of several processed product lines.

The significant information generated include ideal strawberry and vegetable attributes influencing consumer preferences, consumer perception of fresh vegetables, the 'Bulul' in Ifugao agriculture, issues affecting BSU college students tracer studies and teachers' written examinations.

Table 16. Highlights of technologies/research results generated in 2007

Technology/Information Generated	Title of Project	Duration	Project Leader Involved
A. Potential Technology			
1. Violeta, B-21, Hav 71, CPV 69, Taichung, and N 2643 pole snapbean are promising entries as to yield, characteristics, and resistance to pod borer and leafminer.	Varietal Improvement of Semi-Temperate Vegetable Crops	1994-2010	LL Tandang AM Kimeu
2. Bush snapbean Green Crop, Hab 323, Contender Torrent, BBL- 274, Hab 63, and Hab 19 are promising entries.			M Reyes JO Narciso
3. Table type tomato entries 2006-41, 2006-42, 2006-40, 2006 76, 2006 - 77, 2006 - 78, 2006-79, 2006-80,2006-82, and 2006-51 are potential lines for late blight.			
4. CGP 34, CGP 13, CGP 18 A, 89-001, and CLG entries are promising in terms of yield, horticultural characteristics, and resistance to leaf spot and leafminer.	Development and Piloting of Improved Varieties of Garden Pea	1999-2010	LL Tandang AM Kimeu
5. The greatest net profit was derived from growing lettuce from March to April at PhP 203, 150/ha.	Development of Market-Oriented Cropping Schemes for Vegetable Crops	1996-2008	PB Alipit
6. Land productivity was highest in broccoli-lettuce succession cropping.			
7. Off(wet)-season (forcing) cultivation of bell pepper in June to November under greenhouse is very profitable at PhP 1,704,740/ha.			
8. Under water stress condition, use of boron using borax at 20kg/ha as foliar spray solution applied during head formation ensures a successful lettuce crop.	Stress Management in Temperate Vegetable Crop Cultivation	2003-2009	PB Alipit



Table 16. Continued...

Technology/Information Generated	Title of Project	Duration	Project Leader Involved
9. Application of 120-120-120 kg N-P ₂ O ₅ -K ₂ O/ha and irrigation whenever 50% of the available soil moisture is depleted are optimum levels in obtaining high yield and profit in cabbage cultivation.	Fertilizer and Water Management in Temperate Vegetable Crop Cultivation	2007-2010	PB Alipit
10. Syrphid predator consumes 75.33 + 41.03 aphids infesting cabbage.	Integrated Pest Management on Selected Vegetables	1998-2010	EV Cardona.
11. Use of <i>Flavobacterium</i> sp. and <i>Pseudomonas</i> sp. with calcium nitrate and mustard as bait crop could suppress clubroot infection and effects high yield.	The Use of Microbial Antagonists in the Control of Major Diseases in Crucifers	2001-2007	IM Villanueva
12. Application of Trigard 75 WP/Padan 50 SP reduces leafminer population and effects high yield of potato with high ROI.	Management of Leafminer of Selected Vegetables in the Cordillera	2001-2010	BS Ligat
13. Promising strawberry varieties for runner production.	Integrated Strawberry Research and Development Program	2006-2007	LM Colting, et al.
14. Mass rearing and field release techniques of mite predators			
15. Production and postharvest practices and quality, packaging materials			
16. Strawberry-based processed products and their marketability			
17. Database for strawberry			
18. Promotion of nursery and production technologies			
19. Strawberry cultivars Festival, Sweet Charlie, Whitney, Winter Dawn, Earlbrite, and Camarosa exhibited tolerance to root-lesion nematode.	Management of Major Soil-borne Diseases of Selected Highland Crops	2001-2007	LM Villanueva
20. Benguet lily bulbs exposed to calcium carbide for two weeks and cold stratified at 5°C for two weeks had better root development.	Development of Production Technologies for Benguet Lily	2005-2010	AG Ladlad
21. Application of multicoate (17-17-17) slow release fertilizer at 6 g/15 cm plastic bag is best for Benguet lily production.			
22-25. Formulation of mushroom-herbal tea, <i>Pleurotus</i> -enriched puto, mushroom-herbal coffee, and 'pakbet'.	Commercialization of Dehydrated Oyster and Shitake Mushroom for Rehydrated Utilization	2006-2008	JS Luis
26. Rejuvenation of old coffee trees and maintenance of 3-4 orthotropic shoots or branches increase green bean yield while reducing labor cost.	Production Technology Development and Generation Studies for Arabica Coffee		VL Macanes
27. Topping or capping newly planted or rejuvenated coffee trees at one meter height enhances high production of plagiotropic shoots or branches resulting to more green bean yield and easy harvesting.			
28. Prevalence of three coffee pathogens differ under different Arabica coffee-based cropping systems. <i>Cercospora coffeicola</i> is prevalent under coffee monocrop and coffee + citrus; <i>Colletotrichum coffeanum</i> under coffee + agoho/alnus; and <i>Hemelia vastatrix</i> under coffee + pine tree.	Crop Protection Studies on Arabica Coffee		AA Basalong

Table 16. Continued...

Technology/Information Generated

Title of Project	Duration	Project Leader Involved
29. Initial results of the study on organic fertilizers show that rabbit manure is the best organic fertilizer material.		MM Marquez, et al.
30. Strawberry Champoy	2006-2007	JK Avila LC Balaoing
31. Strawberry Pinwheel	2006-2007	JK Avila LC Balaoing
31. Strawberry Pinwheel	2006-2007	JK Avila LC Balaoing
32. Infused-Dried Strawberry	2006 - 2007	JK Avila LC Balaoing
33. Ube Wine	Nov 2006 - Oct 2008	JK Avila LC Balaoing
34. Alternative Packaging Materials for Strawberry Spread, Preserves and Syrup and Ube Jam	Nov 2006 - Oct 2008	JK Avila LC Balaoing
35. Low Sugar Strawberry Preserve, Spread and Toppings	2006-2007	JK Avila LC Balaoing
B. Significant Information		
1. The ideal strawberry attributes that influence consumer preferences include brand, packaging, color, etc.	July 2006- July 2007	MKT Dagupen MAB Lubrica BAB Gumihid
2. The ideal vegetable attributes that influence consumer preferences include product freshness, price, production method, and origin.	March 2005- July 2007	MKT Dagupen MAB Lubrica XGellynck BAB Gumihid
3. Consumers of fresh vegetable are found health-conscious as they strongly agree that vegetables are good sources of essential vitamins and minerals as well as dietary fiber and they prefer organically grown vegetables for they believe that organically produced vegetable is healthier. However, most markets have no specific place for organic vegetables.	March 2005- Oct 2007	MKT Dagupen XGellynck JM Siano



4. Almost all of the respondents are aware of the University policies on tardiness and absenteeism. Majority of the respondents answered that they are late because of location of classrooms.	Problems, Issues and Trends Affecting BSU College Students	Feb 2005- Dec 2007	BSU-ISRD Network Faculty Researcher and ISRD Staff
5. There are other names of the rice rituals depending on the tribe/subtribe. There are different numbers of steps in the "hongan de page". There are rituals done in the "hongan de page".	The Bulul in the Agricultural Life of the Ifugaos	Oct 2004- March 2008	MKT Dagupen
6. Presented RDE In-house Review and Regional RDE, with brochures.	Mathematical Patterns of Selected Cut-Flowers of La Trinidad, Benguet	AY 2006-2007	JS Borje BB Dolipas
7. Presented RDE in In-house Review and Regional RDE, with brochures.	Self-Description and Academic Performance relation	AY 2006-2007	JS Borje BB Dolipas JS Ramos
8. Presented RDE in In-house Review and Regional RDE, with brochures.	Tracer Study of BSAS Graduates (1987-2006)	AY 2006-2007	MAB Lubrica (Project leader), HK Bolinto
9. Curriculum Assessment	Need for BSAE graduates by School Administrators	Feb to Oct 2007	PA Lubrica
10. Application of ICT in learning & teaching	Benchmarking on the use of instructional media among TEI	Jan to May 2007	MJL Laruan
11. Teaching & Learning Competencies	Levels of Proficiency in English of Senior Students of CTE	Jan to May 2007	MJL Laruan
12. Curriculum Development	Administration and Supervision of CTE Student Teaching Program	Jan to May 2007	MJL Laruan
13. Teaching & Learning Competencies	Multiple Intelligences of BSE Students	Jan to May 2007	MJL Laruan
14. Teacher Evaluation	Teachers' Written Examination Assessed by Students (TWEAST)	Jan to March 2007	LR Sito



The Research and Development efforts of the University led to the enrollment of BSU Arabica Coffee for international organic certification. In Sept. 2007, IMO organic inspector M. Rajasingham and Figaro organic coffee consultant Dr. Roland A. Ferstl with BSU-IFHSA Director Val Macanes and Project-in-Charge Prof. Mark Marquez discuss after the inspection of IFHSA



Survey on vegetables, roots and tubers consumption among children in Paoay, Atok, Benguet/R&E

UPDATES OF ON--GOING R AND D PROGRAMS/ PROJECTS/ACTIVITIES

For 2007, there are 98 on-going programs/projects with several studies (Table 17). While few can be completed soon to come out with potential technology components, majority are long-term programs in response to prevailing concerns of sustainable agriculture vis-à-vis food security and socio-economic gains. Education-related projects are likewise undertaken in the Colleges.

Initial results of on-going programs/projects range from micropropagation techniques in ornamental crop *A. stromeria*, germplasm evaluation of vegetables and strawberry, cultural management in vegetables and coffee, use of natural enemies and biological control agents in managing pests and diseases of vegetables, formulation of potential mushroom product lines, phytochemical analysis of IV's of the Cordillera, multiplication of planting materials for further field trials, construction of farmers' greenhouses for quality seed potato commercial production, participatory seed production technology improvement with farmers, maintenance of potato rooted cuttings, promotions of root crop processing technologies, commercialization of new products, tracer studies

Table 17. On-going programs, projects and activities in 2007

Program/Project/Activity	Duration	Updates/Stage (Brief Narrative)	College/Institute/Center	Researcher/Project Leader
1. Tissue Culture Research and Development Program for Highland Crops	1995-2010	Initial studies on micropropagation of ornamental crop <i>Alstromeria</i>	HORTI	VID Alejandro
2. Varietal Improvement of Semi-temperate Vegetable Crops	1994-2010	Initial studies on evaluation of snapbean lines/cultivars and tomato entries for the Philippine highlands	HORTI HCRS	LL Tandang AM Kimeu
3. Development and Piloing of Improved Varieties of Garden Pea	1999-2010	On-farm yield trials and seed increase of garden pea varieties	HORTI	LL Tandang AM Kimeu
4. Strawberry Varietal Improvement	1999-2009	Germplasm evaluation	HORTI	DP Padua SL Kudan
5. Development of Market-Oriented Cropping Schemes for Vegetable Crops	1996-2008	Profitable vegetable succession cropping schemes and off-season vegetable cultivation identified	HORTI	PB Alipit
6. Stress Management in Temperate Vegetable Crop Cultivation	2003-2009	Crop response to stress condition determined and stress resistance induction techniques developed	HORTI	PB Alipit
7. Fertilizer and Water Management in Temperate Vegetable Crop Cultivation	2006-2010	Interaction effects of fertilizer and water on the performance of major temperate vegetables determined	HORTI	PB Alipit
8. Development of Production Technologies for Benguet Lily	2005-2010	Fertilizer management and suitable growing media identified	HORTI	AG Ladlad
9. Integrated Pest Management on Selected Vegetables	1998-2010	Efficacy assessment and mass production of biological control agents against major insect pests of vegetables	HORTI	EV Cardona, Jr.
10. Biological Control of Phytophagous Mites in Selected Crops in the Cordillera	1999-2010	Monitoring of population of mite and its predators and evaluation of predators in controlling mites	HORTI	LM Colting MC Tanyag
11. The Use of Microbial Antagonists in the Control of Major Diseases in Crucifers	2001-2007	Management of clubroot and black rot using bacterial antagonists	HORTI	LM Villanueva
12. Postharvest Handling, Processing, and Product Development of Temperate Vegetables	2001-2010	Quality grading and packaging of vegetables	HORTI	VB Saida
13. Commercialization of Dehydrated Oyster and Shitake Mushroom for Rehydrated Utilization and Tea, and Powder Production for Flour, Soup, Sauce, Coffee, and Mushroom Mix	2006-2008	Formulation and evaluation of more mushroom processed products	HORTI	JS Luis
14. Arabica Coffee Research and Development Program in CAR	2000-2010	Preparation for more studies	IHFSA	VL Macanes AA Basalong



Table 17. Continued.

Program/Project/Activity	Duration	Updates/Stage (Brief Narrative)	College/ Institute/ Center	Researcher/ Project Leader
15. Towards Sustainable Vegetable Production in the Cordilleras: Participatory Strategy Through Home-Gardenin	Nov 2004- March 2008	Preparation for pilot screenhouse for IV's in Sagada and BSU, phytochemical analysis of IV's and cookfest	STVRDC	MM Marquez BA Tad-awan LG Lirio MA Balcita LO Ayyokad JN Paing
16. Nutrient and Fertilizer Management of Greenhouse Crops	July 2007 – Dec 2007	Evaluation of the growth and yield of lettuce in soil-less media (rice hull and coco coir dust) with the original treatments of fertigation, and nutrient uptake (first trial). Evaluation of the growth and yield of lettuce in soil-less media (rice hull plus coco coir dust and volcanic cinder plus coco coir dust with the new treatments of fertigation, and the nutrient uptake of lettuce (second and third trials). Evaluation of the growth and yield of lettuce in an alternative soil-less media as substitute of volcanic cinder and coco coir dust with the new treatments of fertigation and nutrient uptake of plants (fourth trial). Evaluation of growth, yield and nutrient uptake of bell pepper with the new treatments (first and second trials).	STVRDC	MM Marquez EK Mamaril AW Fagyan MMD Pandosen GB Soyon CM Padillo
17. Participatory Evaluation and Selection of Novel Potato Varieties for Organic Production in the Northern Philippines Highlands	Sept- Dec 2007	Late blight resistance trials at Loo, Buguias and La Trinidad and preliminary trial of novel accessions done.	STVRDC	BA Tad-awan DK Simongo CG Kiswa ED Sagalla JP Pablo AT Botangen DK Familan CC Shagol
18. Sustainable Management of Plant Parasitic Nematodes Associated With Semi-temperate Vegetables in the Cordillera		Response of celery cultivars to root-knot nematode <i>Meloidogyne incognita</i> determined. Effect of six organic amendments on <i>M. incognita</i> in resistant and susceptible cultivars of lettuce evaluated.	STVRDC	LM Villanueva DDe Waele NB Pedroche CD Dugui-es

Table 17. Continued.

Program/Project/Activity	Duration	Updates/Stage (Brief Narrative)	College/ Instituted/ Center	Researcher/ Project Leader
		<p>(This was presented during the International Conference on Cordillera Studies held on February 7-9, 2007 at the University of the Philippines Baguio, Baguio City, Philippines.)</p> <p>Response of newly introduced lettuce cultivars to the root-knot nematode <i>M. incognita</i> evaluated.</p> <p>Response of tomato cultivars to the root-knot nematode <i>M. incognita</i> evaluated.</p> <p>Response of celery cultivars to the root-knot nematode <i>M. incognita</i> (2nd trial) evaluated.</p> <p>Effect of organic amendments on <i>M. incognita</i> in resistant and susceptible cultivars of lettuce (2nd trial – modified microplot experiment determined).</p>		
19. Mass Production and Efficacy Evaluation of <i>Spodoptera litura</i> Nuclear Polyhedrosis Virus for the Control of Common Cutworm in Cabbage	July 2006	Mass production and efficacy of <i>Spodoptera litura</i> Nuclear Polyhedrosis Virus for the control of common cutworm in cabbage evaluated.	STVRDC	EV Cardona, Jr. CS Ligat
20. Towards Organic Production of Cabbage and Garden Pea Using Earlier Reported Biological Control Agents (BCA's)		From 20 treatment combinations of BCA's tested under greenhouse (pot) evaluation for the control of clubroot (<i>Plasmodiophora brassicae</i>), 6 treatment combinations were initially selected.	STVRDC	JS Luis CD Ba-a
21. In-vitro Activities and Greenhouse Maintenance of the Different Potato Germplasm	Built-in activities	Produced 3,060, 800, 50, 20 and 10 pcs of plantlets of Igorota, Granola, 676089, 96-06 and new potato clones respectively, multiplied stem cuttings of the different potato germplasm and planted for G0 production at Ampasit for field evaluation.	NPRCRTC	CG Kiswa
22. Evaluation of Potato Clones for Processing and Table Type in the Philippine Highlands		Presented results of regional trial to Root Crop Technical Working Group at LSU on July 12, 2007, six voted for yes and two for no; potato clones 13.1.1 and 13.8.1 to be released as varieties and other 5 clones were selected.	NPRCRTC	IC Gonzales, et al.
23. Participatory Evaluation and Selection of Novel Potato Varieties for Organic Production in the Northern Philippine Highlands		10 clones being multiplied	NPRCRTC	BA Tad-awan, et al.



Table 17. Continued

Program/Project/Activity	Duration	Updates/Stage (Brief Narrative)	College/ Institute/ Center	Researcher/Project Leader
24. Enhancing the Availability of Quality Potato Seed Through Community Participation (DA-BAR)		Greenhouses constructed at NPRCRCTC and in farmers' locations (Sinipsip and Baculongan Norte of Buguias); beneficiary cooperatives planted seeds and field inspection was started; farmer beneficiaries trained on basic computer, internet surfing and e-business access.	DA-BAR-NPRCRCTC	JC Perez, et al.
25. Potato Seed Production Project		<i>In vitro</i> propagation of top five varieties ; monitoring of the use of the newly-constructed greenhouse; on-farm study was set-up; monitoring and harvesting of tubers in the greenhouses in Atok and Bakun and sale of harvests from seed farm to DA-HVCC for distribution to seed production beneficiaries.	DA-HVCC-NPRCRCTC	JC Perez, et al.
26. Improving Seed Potato Production Technology		Laid-out experiments on the different planting materials, tuber size comparison and desprouting; data gathering on validation of greenhouse seed production techniques in Atok; preparation for the validation management strategies for bacterial wilt management and multiplication of stem cutting for sale.	DA-BAR-NPRCRCTC	JC Perez, et al.
27. Integrated Pest Management		Multiplication of the biological control agents and submission of proposal to PCARRD on organic vegetable production for potato.	NPRCRCTC	JC Perez, et al.
28. Digitalization and Animation of Potato Production Technology		Training on video editing and coloring completed; collected pictures and video to be used; and animation of the potato mascot and the potato plant finished.		JC Perez GT Tabdi, Jr.
29. Development of Sustainable Yam Seed Production		Care and maintenance of cuttings; 3 sets of yam cuttings set-up.	NPRCRCTC	PA Dalang, et al.
30. Evaluation of Sweetpotato Cultivars for the Philippine Highlands		Results of previous trial being tabulated and land preparation for GYT trial underway.	NPRCRCTC	IC Gonzales, et al.
31. Community-Based Promotional Initiatives of Selected Root Crops Processing Technologies		Promotion of root crop processing technologies	DA-BAR, Farmer Cooperatives NPRCRCTC	IC Gonzales, et al.
32. Comparative evaluation of Nutrition interventions to promote the consumption of vegetables, roots and tubers among children in the Cordillera Region promotion		Post-evaluation/data gathering in Besao , Ifugao and Abra; baseline data gathering and training-workshop in Atok and encoding of the post evaluation survey data gathered.	NPRCRCTC-CIP	BT Gayao et al.



Table 17. Continued...

Program/Project/Activity	Duration	Updates/Stage (Brief Narrative)	College/ Institute/ Center	Researcher/ Project Leader
33. Highland Pig Development and Conservation Project	2003-continuing		BSU	SB Maddul
34. Indigenous Animal Health Practices in the Cordillera	2005 - 2008		BSU	NE Pillayan, et al CS Battad, et al
35. Use of Pesticides and Fertilizers in Agriculture and Their Effects on Human Health and the Environment	2005 - 2009		PIUC-VLIR	CP Laurean, et al
36. Crop Protection studies in Arabica Coffee	2001 - 2007		BSU DA-CAR	AA Basalong BS Ligat VL Macanes JS Ligat
37. Soil Management and Fertilizer Studies for Arabica Coffee Production	2001 - 2009		BSU	MIM Marquez RD Colting HS Bernard
38. Development of Simplified Key to Soil Series Identification as a Tool to the Establishment of Sustainable Crops/Agricultural Production Systems				
39. Use of Pesticides and Fertilizers in Agriculture and Their Effects on Human Health and the Environment	2005 - 2009		PIUC-VLIR	CP Laurean, et al
40. University Organic Agriculture Program **w/ projects, sub-projects, studies and activities under it	2005 - 2015		BSU	MD Cadatal, et al
41. Biodiversity Program	2003 continuing		BSU	SB Maddul, et al
42. PROJECT: Soil and Water Management in Agroforestry Areas: A Component of the BSU Nature Park	July 01, 2004		BSU	CP Laurean RB Garcia
43. The Animal Genetic Resources (TANGERE) Conservancy	2003 continuing		BSU	SB Maddul M Abad, Jr. GR Tabon
44. The Insectarium	2005 continuing		BSU	LM Colting JF Corcha Jr.



Table 17. Continued...

Program/Project/Activity	Duration	Updates/Stage (Brief Narrative)	College/ Institute/ Center	Researcher/ Project Leader
45. Agroforestry	2005 continuing		BSU	AA Basalob, et al
46. Medicinal Plant	2004 continuing		BSU	LG Lirio AG Pengosro
47. Natural Museum	2006		BSU	JS Ligat
48. Waste Silkworm Cocoons By-Products Utilization and Processing Project	2005 - 2010		BSU	VM Macanes, et al
49. Tree-Bamboo-Rattan Garden	2004 continuing		BSU	JG Tacloy AG Pengosro
50. Organic Farming Cum Research	2005-2015		BSU	JG Balaloing FR Gonzales
51. Chickpea Introduction and Promotion in the Highlands of Cordillera Administrative Region				
52. Joint Research on Supply Chain Management for the Cutflower Industry in the Philippines and Vietnam			IRO	Jovita M. Sim et al
53. Insect Pest and Their Influence to the Productivity of Yacon (<i>Polyamia sanchifolia</i>) Plants Grown with Different Soil Amendments			CA-BSU	BS Ligat GP Sabas
54. Establishment of BSU History Archive				AB Wakat
55. Development of Production Management Tech in Benguet Lily			BSU	AG Ladliad
56. Postharvest Handling Project in Benguet Lily			BSU	FR Gonzales
57. Study on Virus-like Diseases of Coffee			BSU	JS Ligat
58. Organic Mushroom Nutriceutical Research and Development Project			BSU	BS Tad-awan
59. Participatory Research on Shiitake (<i>Lentinula</i>) Cultivation in Logs cum Technology Commercialization			CDF-Dangwa	JS Luis
60. Towards <i>Pleurotus</i> Commercial Products Production for Export			PACAP	JS Luis
61. Potato Livelihood Project for the Lowland Tropics			UPWARD	JC Perez
62. National Co-operative Test (NCT) on Cool Elevated areas of CAR			PhilRice	MD Cadatal
63. Crop Zoning of Kapangan			VLIR-PIUC	EF Dayap
64. Organic Seed Production on Beans (<i>Phaseolus vulgaris</i> L.) and Garden Pea				JG Balaloing
65. Tracer Study of CA Graduates			BSU	MD Fang-asan JM Sim ALB Wakat



Table 17. Continued...

Program/Project/Activity	Duration	Updates/Stage (Brief Narrative)	College/Institute/Center	Researcher/Project Leader
67. Effects of Class Size to the MPS Faculty Evaluation	2007-2008	Data gathering	MPS	BB Dolipas
68. Effects of the Number of Preparations to the MPS Faculty Evaluation	2007-2008	Data gathering	MPS	MB Toledo
69. Effect of Faculty Load to the MPS Faculty Evaluation	2007-2008	Data gathering	MPS	JV Lubrica
70. Effect of Class Size to Student Performance in Math/Physics/IT/Statistics	2007-2008	Data gathering	MPS	MAAB Lubrica
71. Effects of the Number of Preparations to Student Performance in Math/Physics/IT/Statistics	2007-2008	Data gathering	MPS	EG Bawang
72. Effect of Faculty Load to Student Performance in Math/Physics/IT/Statistics	2007-2008	Data gathering	MPS	SZ Beligan
73. Assessment of the Class Size, Number of Preparations, and Number of Units of Faculty at BSU	2007-2008	Data gathering	MPS	CB Ooden
74. 5 kW Lusod Micro-hydro Project	2006 - 2007	On-going	ANEC	EM Molintas
75. Commercialization of Enhanced Strawberry and Ube Processed Products Through Participation of Community-Based Enterprises	2007-2008	Phase 2, On-going	CHET	JK Avila LC Balaog
76. Vegetable Processing Incubation Center Program	2007-2008	Selection of incubatees finished; training will start Jan 2008	CHET	JK Avila and LC Balaog
77. Educational Technology Competencies of CTE Students	2007-2008	Data Gathering	CTE	MJL Laruan
78. Training Needs of Teachers of CTE Cooperating Schools	2007-2008	Data Gathering	CTE	MN Alvaro IG Parcasio
79. Utilization of Technology Based Instructional Materials Among BSU Faculty	2007-2008	Data Gathering	DSE-CTE	JLS Montemayor
80. ITPO Model in Evaluating TEI Curricula in CAR	2007-2008	Data Gathering	CTE	PA Lubrica
81. Graduate Tracer Studies	2007-2008	Data Gathering	CTE	LR Sito/CTE Dept Chairs
82. ICT Competencies of CTE Student Teachers	2007-2008	Data gathering	CTE	CTE Dept Chairs
83. Learning Styles of BSU Elementary Pupils	2007-2008	Data Gathering	ELS-CTE	ED Lapido
84. School Management Skills among Secondary Principals	2007-2008	Data Gathering	DSE-CTE	PA Lubrica
85. Common Problems in Classroom Management	2007-2008	Data Gathering	CTE SLS	ET Fianza
86. Survey on Teacher Educators and Teacher Training Institutions Who Are Teaching Our Teachers Tomorrow	2007-2008	Data Gathering	CTE	PA Lubrica
87. Learning Preference of DVM Students	2007-2008	On-going	CVM	CS Battad ADM Magloto
88. Animal Welfare -- Farm Animals	2007-2008	On-going	CVM	MQ Amatorio



Table 17. Continued...

Program/Project/Activity	Duration	Updates/Stage (Brief Narrative)	College/Institute/Center	Researcher/Project Leader
89. Animal Welfare – Companion Animals	2007-2008	On-going	CVM	AV Castrence EMN Ciano JA Dianso
90. Salmonella DAS Evaluation	2007-2008	On-going	CVM BIOTECH	CS Battad
91. Graduate Tracer Studies	2007-2008	On-going	CVM	Research Coordinator
92. Performance of Graduates in PRC Board Examination	2007-2008	On-going	CVM	Research Coordinator
93. Biodiversity Assessment and Spatial Modeling at Alno and Aiapang Communal Forests	2007-2008	Terminal Stage	FRM-FBS	JA Palaganas
94. Preservative Treatment of Rono Poles for Vegetable Props/Trellis	2006-2008	Terminal Stage	FBS-WST	DS Chichioco
95. Growth and Survival of Ginseng in Buguias, Benguet	2007-2008	Terminal Stage	FRM-SFI-FBS	KA Laruan BB Pablito
96. GIS Mapping, Ground Truthing at Brgy. Pudong, Kapangan, Benguet	2007-2009	On-going	FRM	RIC Lumbres
97. Crop Zonification of Kapangan Using GIS	2006-2008	On-going	FRM	RIC Lumbres
98. Research Skills Enhancement	2007-2008	First Phase seminar	OU	Dr. Marlowe Aquino (Adjunct Professor)



Dr. Belinda Tad-awan involves a farmer in selecting a potential potato variety for organic production.//CA



EXTENSION SERVICES

The year 2007 concentrated on the piloting, demonstration and commercialization of technologies on tissue culture of strawberry, banana, colored callas, carnation and sayote; production of planting materials from tissue culture; greenhouse production of fancy lettuce varieties and salad crops specifically bell peppers and tomatoes (Table 18). There were thousands of farmers, students, researchers, businessmen and policy-makers who visited the projects to prove to themselves the adaptability and profitability of such technologies.

For technology publication, IEC materials on organic agriculture procured from OPTA; production guidelines written by BSU researchers; an agroforestry book; sayote production technoguide and the Rangtay magazine were produced. The BSU on-the-air radio program continued to disseminate information/technologies generated in the University.

For priority technologies as requested by stakeholders, trainings (on station or onsite) and outreach were conducted. Outreach trainings served the beneficiaries of the Philex Mining Corporation on

Participants try their hands on mushroom growing bags during the Training on Oyster Mushroom production held on November 28- 29, 2007 at the BSU Mushroom Project.//R&E

coffee production, goat and cattle raising; Kibungan farmers on the production of carnation and landscaping; Itogon farmers on rose production, Bauko farmers on shiitake cultivation in logs and Tublay stakeholders on the cooking of sayote. In-house trainings included seminar series on soil fertility and management for strawberry farmers, NFS, egg production and oyster mushroom production.



Participants of the Trainer's Training for Cordillera Bamboo Development Program at the Forestry Nursery having hands-on on bamboo propagation using cutting method//CF

The colleges did 34 extension services in terms of adopting a cooperative, service as judge to national competition, giving of lectures, share-a-book programs, free consultation services for animals, seedling dispersal and reading material distribution. The seminars sponsored covered various topics including chemistry, teaching competencies in the arts and sciences, organic farming, goat raising and herd health management, care-giving, career guidance and GIS.

The research centers and institutes extended 19 services ranging from technical assistance to walk-in clients; lectures on handling vegetables, coffee production and post-production technologies and coffee production program planning; dialogue on ideal strawberry products based on consumer requirements; *Diadegma* dispersal; potato cuttings dispersal; soil analysis; briefing of visitors and display of food and beverage products at the 3rd WOW Philippines: Cordillera's Best 2007.

The University sponsored capability building activities for faculty which included participation to the Bar and Beverage Management Course and Advance Culinary and Skills Enhancement Training and conduct of Lakbay-Aral activities.

Table 18. Extension projects in 2007

Activity	Beneficiary	Location	Duration	Highlights	Collaborating Agency/ College	Person Involved
A. Technology Piloting, Demonstration and Commercialization						
1. Tissue Culture of Priority Crops: Strawberry, Banana, Colored Callas, Carnation, Sayote	Farmers, researchers, students, policy-makers, businessmen	Tissue Culture Lab; R & E Building, BSU	Jan-June 2007	Micropropagation and hardening of 7 strawberry cultivars	CHED	JA Solimen MA Balcita MR Dumaslan RS Polilen Lm Alipio
			July-Dec 2007	Micropropagation of colored callas and carnation as requested by farmers 3,000 strawberry plantlets out of tissue culture under establishment, proliferation and rooting stage		



Table 18 Continued...

Activity	Beneficiary	Location	Duration	Highlights	Collaborating Agency/College	Person Involved
2. Planting Material Production from Tissue Cultures	Farmers, researchers, students, policy-makers, businessmen	CHED Greenhouse, BSU Experimental Farm, Balili	Jan-June 2007	5,000 banana planting materials availed by 20 farmers Evaluation of media for hardening sayote planting materials underway	CHED	JA Solimen MA Baicita MR Du-masan RS Pollien Lm Alipio
	Swamp Farmers Association Inc. (SFAI); BSU Saring Sikap members, strawberry farmers from Longlong, Timoy and Wangal of La Trinidad		July-Dec 2007	120,000 runners from tissue culture availed by farmers; to date, plants are on fruiting stage		JA Solimen ST Gayao RG Lumpio
	Farmers from Sablan, Atok, and La Trinidad of Benguet; Ifugao, Mt. Province and Pangasinan		July-Dec 2007	300 potted banana plants from tissue culture availed by farmers		JA Solimen ST Gayao RG Lumpio
3. Greenhouse production of Crops: Bell Pepper and Tomato	Farmers	Plastic Greenhouse, BSU Experimental Farm, Balili	Jan-June 2007	1000+ stakeholders visited the project		JA Solimen ST Gayao RG Lumpio
4. Greenhouse Production of Fancy Lettuce Cultivars: Romaine, Green Ice, Red Wan	Students, researchers, businessmen, farmers	Plastic Greenhouse, Bsu Experimental Farm, Balili	July-Dec 2007	Bi-weekly planting of lettuce cultivars to provide continuous market supply		JA Solimen ST Gayao RG Lumpio

Table 18. Continued...



Activity	Beneficiary	Location	Duration	Highlights	Collaborating Agency/College	Person Involved
B. Technology Publication and Information						
1. IEC Materials	Farmers, students, other stakeholders	OES	Jan-June 2007	IEC Materials on organic agriculture from OPTA, 7 technoguides and 4 IEC materials on vegetables, flowers and fruits Availed by 32 researchers and 15 stakeholders 200 copies published		JA Solimen GA Tianza
2. The Coffee-Based Agroforestry Scheme (book written by Benjamin Dimas)	Farmers, students, other stakeholders	OES	July-Dec 2007	200 copies published		JA Solimen GA Tianza WL Marquez BT Lidua
3. Rangtay magazine	Farmers, students, other stakeholders	OES	July-Dec 2007	200 copies published		
4. Sayote Publication Technoguide	Farmers, students, other stakeholders	OES	July-Dec 2007	Submitted for ISBN		
C. Trainings and Outreach Services						
1. Technical assistance (TA) to beneficiaries of Philex Mining Corporation on coffee production and organic agriculture	TABACKFA farmers	Philex Mines, Tuba	April 10, 12 & 17, 2007	60 members assisted	Philex Mines	JA Solimen
2. Carnation Production Training	Farmers	Madaymen, Kibungan	April 17 and May 29, 2007	70 member participants		JD Boteng
3. Quick Response Service (QRS) on Rose Production	Farmers	Tinongdan, Itogon	May 10, 2007	Recommended proper management/maintenance of roses	Cutflower Growers of Tinongdan	JD Boteng
4. Sayote Publication Technoguide	Farmers, students, other stakeholders	OES	July-Dec 2007	Submitted for ISBN		
C. Trainings and Outreach Services						
1. Technical assistance (TA) to beneficiaries of Philex Mining Corporation on coffee production and organic agriculture	TABACKFA farmers	Philex Mines, Tuba	April 10, 12 & 17, 2007	60 members assisted	Philex Mines	JA Solimen



Table 18. Continued.

Activity	Beneficiary	Location	Duration	Highlights	Collaborating Agency/College	Person Involved
2. Carnation Production Training	Farmers	Madaymen, Kibungan	April 17 and May 29, 2007	70 member participants		JD Boteng
3. Quick Response Service (QRS) on Rose Production	Farmers	Tinongdan, Itogon	May 10, 2007	Recommended proper management/maintenance of roses	Cutflower Growers of Tinongdan	JD Boteng
4. QRS on Carnation Diseases Especially Rotting	Farmers	Madaymen, Kibungan	July 17, 2007	Immediate disease diagnosis and recommendation for disease management	Madaymen Solo Parents Organization (SPO) and Rural Improvement Club (RIC)	JD Boteng
5. Hands-On Training on Shiitake Cultivation in Alnus Logs	Women	Sinto, Bauko, Mt. Province	Aug 8-9, 2007	20 farmer participants	DOST-Mt. Province	JS Luis
6. Landscaping Training	Women	Madaymen, Kibungan	Sept 8, 2007	65 participants	Madaymen SPO and RIC	JD Boteng
7. Goat Raising Training	Farmers	Philex Mines, Tuba	Nov 19, 2007	62 participants	TABACKFA and Philex Mines	AV Cas-trence
8. Hands-on Training on Sayote Cooking	Stakeholders	Tublay	Nov 27-28, 2007			CHET faculty
9. Cattle Raising Training	Farmers	Philex Mines, Tuba	Dec 3, 2007	62 participants	TABACKFA and Philex Mines	AV Cas-trence
D. In-House Trainings						
1. Seminar Series on Soil Fertility and Management	Farmers and students	Chrysantherum Hall, BSU	May 31 and June 7, 2007	451 members of SFAI and SSFA with some students	SFAI and SSFA	OES Personnel
2. Training on Natural Farming Systems	BSU project leaders and farm workers	Chrysantherum Hall, BSU	Sept 17-18, 2007	45 participants	ORS	OES and ORS Staff
3. Egg Production Training	Interested stakeholders	Chrysantherum Hall and Poultry Project, BSU	Sept 19, 2007	11 participants	BSU Poultry Project	OES staff
4. Training on Oyster Mushroom Production	Interested stakeholders	BSU Mushroom Project	Sept 21 and Nov 28-29, 2007	44 participants	DOST-CAR	DL Domondon ML Tog-aga
E. Extension Activities of Colleges						
1. Strengthening the Capacity of Cooperatives in "Adopt-a-Cooperative"	Liwang Multipurpose Cooperative (LMPC) members	Dalipey, Bakun	2007	Donated a signboard for the Cooperative and conducted a seminar on cooperatives	LMPC CA	FB Lardacan, Jr. LE Cuangey



Table 18. Continued...

Activity	Beneficiary	Location	Duration	Highlights	Collaborating Agency/College	Person Involved
2. Participation as judge to the 4 th National Quiz, Fair, and Science Drama Competitions	1,500 students	Baguio City National High School	Feb 9-11, 2007	Judged on agricultural investigatory projects	Association of Science Educators in the Philippines (ASEP) CA	JS Luis
3. Second Lecture Series in Chemistry	13 teachers	Mankayan National High School	Feb 22-23, 2007	Continuing education for High School III teachers	MNH CAS	Chemistry Department
4. Strengthening Communicative Skills in Teaching ESL	Elementary and secondary teachers, students, tutors		May 2-5, 2007		CAS	Humanities Department
5. Seminar-Workshop on Trends and Tools in Teaching English as a Second Language	64 elementary English teachers from 12 schools of Sablan District, Division of Benguet, DECS	Sablan Central School	June 16 & 30 2007	Topics on faculty terminology in English pronunciation made easy, Hosting tips and public speaking tricks, An-dragogy and Personal Master and workshop on material preparation in teaching the English language entitled, "Materials: Unreal to Real"	District of Sablan, Division of Benguet, CAR CAS	AD Labi MCJ Bautista T Schultz EC Cirilo MB Sison
6. "Nan Layad Ta" and a Symposium with the theme 'Promoting the Culture and Arts of the Cordilleras through Theater"	Students	BSU	Oct 5, 2007	Sponsored the play and symposium	National Commission on Indigenous Peoples (NCIP) CAS	
7. Strengthening Teaching Competencies in the Arts and Science	DECS- Benguet Teachers	College of Arts and Sciences Annex Building	Nov 17 & 24, 2007 Dec 8 & 18, 2007	Conducted seminar	DECS-Benguet CAS	CAS Faculty
8. Seminar on Organic Farming and Plant Propagation on Citrus		Guinao-ang, Mankayan	Dec 15, 2007	Conducted seminar	CTE	MN Alvaro HK Bolinto SK Aben
9. Seminar on Building a Community of Learning (CTE)		BSU PIUC	Feb 7, 2007	71 participants	CTE	
10. Participation (judges) in the 4 th National Quiz, Fair and Science Drama Competitions	1,500 students	Baguio City National High School	Feb 9-11, 2007	Judged on National Quiz, Fair and Sci-Drama	Association of Science Educators in the Philippines (ASEP) CTE	PA Lubrica CP Luma-ang



Table 18. Continued...

Activity	Beneficiary	Location	Duration	Highlights	Collaborating Agency/College	Person Involved
11. Cleaning of Bailli Barangay	Households	Barangay Bailli	Feb 24, 2007	Conducted cleaning of Bailli river	CTE	
12. Seminar-workshop on Alternative Learning System	Students	Kibungan NHS, Bekes ES, and Mangkew ALS Center, Kabayan	Feb 21-22, March 3-4 and March 18, 2007	Conducted seminar-workshop on Alternative Learning Systems for high school and elementary teachers	KNHS, BES and Mangkew ALS Center	
13. Outreach program at Sitio Les-eng	Farmers	Takadang, Kibungan	March 22-26, 2007	Conducted outreach program to the farmers	CTE	
14. Painting and enclosure of school stage of Kibungan NHS (Department of Elementary Education)	Teachers and students	Kibungan National High School	March 2, 2007	Improved school stage of Kibungan NHS	KNS	
15. "Share a Book" Program	Students	Bekes, Takadang, Kibungan	March 3-4, 2007	Donated books at Bekes, Takadang, Kibungan	CTE	
16. Outreach activity of Social Philo Class	Students	RSDC, BSU	March 22, 2007	Conducted seminar	Library Students Association members - CTE	
17. Seminar on Alternative View of Teaching: Transition for Diverse Learners	Teachers and students	CTE	May 19, 2007	Conducted seminar	CTE	
18. Accent Reduction Seminar	LGU's	LGU-La Trinidad, Barangays Shilan, Beckel, Puguis and Ambiong	May 29-30, 2007	Conducted seminar at 3 barangays of La Trinidad	LGU's CTE	
19. Seminar on English as Second Language	Students	Riverview, Asin Hot Springs	June 11-12, 2007	Conducted seminar to students	CTE	
20. Day Care Trainers Training	Trainers	CVM	June 26, 2007	Conducted training at Asin Hot Springs	CN	
21. Free consultation of animals during charter day	Animal owners	CVM	Jan 2007	28 dogs, chicken, 3 pigs	CVM	



Table 18. Continued...

Activity	Beneficiary	Location	Duration	Highlights	Collaborating Agency/College	Person Involved
21. Free consultation of animals during charter day	Animal owners	CVM	Jan 2007	28 dogs, chicken, 3 pigs	CVM	
22. Series of lectures on: medicinal plants for treatment of livestock diseases, animal welfare and rabies reported both for animal and humans			Feb 2007	Conducted series of lectures to 130 participants	CVM	
23. Lecture on goat raising and herd health management	Farmers	Sagada and Masla and Bantayan, Tadian, Mt. Province	March 8-9, 2007	30 participants	CVM	
24. Anti rabies vaccination	100 dogs (Buyagan) 58 dogs (Baguio City)	Buyagan, La Trinidad Calvary Church, Guisad, Baguio City	March 2007	Conducted anti rabies vaccination of 158 dogs	LGU-La Trinidad, Rotary Club of Baguio	CVM faculty and students
25. Lecture on animal welfare		Tomay, Shilan and Bahong	March 2007	Participants from 3 barangays of La Trinidad	CVM	
26. Lecture on goat raising and heard health problems	Farmers	Tagaytay, Rizal	April 2007	34 participants	CVM	
27. Extension services for the different barangays of La Trinidad	Farmers	Beckel, La Trinidad	June 2007	Conducted veterinary services on horses and floated 158 questionnaires on animal welfare	CVM	
28. Seedling Dispersal	Farmers	CF	Jan-June 2007	Dispersed 2,579 assorted seedlings of trees	CF	
29. Provision of technical assistance (resource speakers, lecturers, technical consultant, etc)	Farmers		Jan-June 2007	Four subject matter specialists as resource speakers/consultant on various trainings and activities 7 walk-in clients served	CF	
30. Introductory training on GIS	Officials/ Agriculturist	BSU	Feb 9-11, 2007	Conducted trainings on GIS	GIS	
31. Enhancing personal and social skills of caregivers	Prospective workers	Agoo Technical and Vocational Education Training Center	Jan 7, 2007	22 participants	ATVER GS	



Table 18. Continued...

Activity	Beneficiary	Location	Duration	Highlights	Collaborating Agency/College	Person Involved
32. Career Guidance	Students	Good News Academy, Baguio City; Cordillera Career Development College; Don Eufemio Eriguel Memorial NHS, Agoo; St. Mary's Academy, Agoo - GS	Jan 25 and 27, Feb 15 and March 1, 2007	4 th year students and 153 freshmen		
33. Collection and distribution of reading materials	13 cells	Benguet Provincial Jail, La Trinidad, Benguet	March 10, 2007	Distributed reading materials	GS	
34. Seminar on alternative view of teaching: Transition for Diverse Learners	Teachers	CTE Function Hall, BSU	May 19, 2007	49 teacher participants	GS	
F. Extension Activities of Research Institutes and Centers						
1. Lecture on Appropriate Handling for Quality Vegetables	Technicians, farmers and traders	Buguias, Benguet	Jan 23, 2007	36 participants	BABUD, EMCO, CMC, SPP, HORTI	VB Salda and other R & E personnel
2. Technical assistance as walk-in or QRS	Farmers and technicians	BSU-HORTI and farmers' field	As requested, called	50 farmers and technicians assisted	HORTI	PB Alipit VID Alejandro AG Ladlad EV Cardona, Jr BS Ligat LM Villanueva
3. <i>Diadema</i> dispersal	Farmers	Benguet	Jan-Dec 2007	Distributed <i>Diadema</i> to 10 farmers	HORTI	EV Cardona, Jr.
4. Vegetable Production Technology Briefing-Demonstration Farm	Farmers, students, technicians and other stakeholders	BSU		157 beneficiaries	HORTI	PB Alipit
5. Arabica Coffee Production and Post-production Technologies	Philex Mines Arabica Coffee Growers	Philex Mines, Tuba, Benguet	July 2007	Provided technical assistance and lectures	Philex Mines	VL Macanes
6. Lecture on Arabica Coffee Production and Post production Technologies	Arabica coffee growers of Ambassador, Tublay	Ambassador, Tublay, Benguet	Aug 15, 2007	Provided technical assistance on coffee production	Sisters of Immaculate Heart of Mary	VL Macanes

Table 18. Continued...

Activity	Beneficiary	Location	Duration	Highlights	Collaborating Agency/College	Person Involved
7. Lecture on Arabica Coffee Production and Post Production	Arabica coffee farmers of La Trinidad, Benguet	Municipal Hall, La Trinidad, Benguet	Oct 19, 2007	Provided technical assistance on coffee production	MAO-La Trinidad, Benguet	VL Macanes AA Basalong
8. "Coffee Production" Training	Coffee farmers of Batan, Kabayan, Benguet	Colong, Batan, Kabayan, Benguet	Oct 24, 2007	Conducted training	MAO, Batan, Kabayan, Benguet	AA Basalong
9. Consultation on Arabica Coffee Production Program Planning	Arabica coffee farmers of Bontoc, Mt. Province	Bontoc, Mt. Province	Nov 19, 2007	Served as resource speaker on "Arabica Production in the Cordillera Region"	OPAG-Mt. Province, Office of the Presidential Adviser for CAR	VL Macanes
10. Arabica Coffee Rejuvenation and Production Management	Arabica coffee farmers in Poblacion, Kibungan	Poblacion, Kibungan, Benguet	Dec 10, 2007	Served as resource speaker	MAO, Poblacion, Kibungan	VL Macanes
11. Arabica coffee production in the cordillera Region during the Benguet Province Consultation on Arabica Coffee Production Planning	Arabica coffee farmers of Benguet Province	Gladiola Hall, BSU, La Trinidad, Benguet		Served as resource speaker	Office of the Presidential Assistant for CAR	VL Macanes
12. Forum on Ideal Strawberry Products Based on on Consumer Requirements	Strawberry processors, entrepreneurs and students	Chrysanthemum Hall, BSU, La Trinidad, Benguet	Aug 21, 2007	Conducted round table discussion	CHED-ZRC	MKT Dagu- pen and ISRD researchers
13. Forum on the Development of Provincial Brand for Benguet Products	LGU officials of Benguet and representatives from other concerned agencies and Graduate students	Anthurium Hall, BSU	Sept 29, 2007	Presented research result on the Ideal Vegetable Attributes Based on Consumer Requirements	Graduate School, BSU	ISRD and Graduate School fac- ulty
14. 4 th Quarter ROGFP General Assembly	GAD Focal Points in the Cordillera	Chrysanthemum Hall, BSU	Nov 8, 2007	Participated in the General Assembly		ISRD person- nel
15. 4 th CINDEWOLL General Assembly	Elected women leaders in the Cordillera	Anthurium Hall, BSU	Nov 15- 16, 2007	Participated in the General Assembly	National Commission on Indigenous People (NCIP), Department of Interior and Local Government (DILG)	BSU, ISRD, Presidential Liaison Office for Political Affairs
16. Potato cuttings dispersal	Farmers	Buguias, Atok, Mt. Province	Oct-dec 2007	12 farmers availed		CG Kiswa, et. al



Table 18. Continued...

Activity	Beneficiary	Location	Duration	Highlights	Collaborating Agency/ College	Person Involved
17. Soil sampling for potato farmers	Farmers	Atok, Buguias, Bakun	Oct-Dec 2007	Analyzed soil samples of 7 farmers		GS Backian TD Masingcay
18. Lakbay Aral of FNRI officials	Students	NPRCRTC	Oct 2007	Briefed visitors from FNRI about yacon		CG Kiswa, et
19. 3 rd WOW Philippines: Cordillera Best 2007	Local and international visitors	SM Baguio City	Nov 2007	Prepared food and beverage products from yacon for display at the SM Baguio	LGU, Baguio	ET Botangen
G. Capability Building Activities for Colleges						
1. Attendance to S/W on Bar and Beverage Management Course	EP Belino, JS Del-amen, SB Balauro	Baguio Country Club	July 25-27, 2007	Provision of travel expenses and seminar fees	CHET	EP Belino JS Del-amen SB Balauro
2. Attendance to Advance Culinary and Skills Enhancement Training	EP Belino, JS Del-amen, SB Balauro	Baguio Country Club	August 6-8, 2007	Provision of travel expenses and seminar fees	CHET	EP Belino JS Del-amen SB Balauro
3. Lakbay-Aral to Sta. Scholastica Colleges, Manila	High School faculty of Beckel, Puguis and Ambiong	Manila				

The Piastro Greenhouse located at the BSU Experimental Lot in Balili houses numerous variety trials. Here, Xanado romaine lettuce is grown inside the greenhouse for determination of appropriate nutrient management.//R&E



Mr. Joe Boteng of the Training and Extension Services lectures on carnation diseases to Kibungan farmers//R&E



TRAINING SERVICES

Trainings were conducted on Young Farmers Program, log cultivation of shiitake, growing bag cultivation of oyster mushroom, off-season vegetable production, root crop production and processing, nutrition education, potato seed production and certification, and bacterial wilt management (Table 19). Trainings were offered on requested technologies to equip stakeholders for new or more efficient ventures.



Carnation plants of a farmer-cooperator in Kibungan//R&E

Table 19. Trainings conducted in 2007

Training	Beneficiary (No. and Type)	Location	Duration	Collaborating Agency	Person Involved
1. Orientation Training on Young Farmers Program	70 agriculture graduates	BSU	Jan. 11 and Feb. 26, 2007	QUEDANCOR, COCAFM, NAFC	JS Luis ML Tog-aca
2. Log Cultivation of Shiitake	19 Farmers	BSU	Jan. 18-19 and Mar. 17-18, 2007	Wangal Farmers Ass'n and Sabangan, Mt. Prov. Vicariate	JS Luis BS Tad-awan ML Tog-aca
3. Growing Bag Cultivation of Oyster Mushroom	10 Farmers	BSU	June 19-20, 2007		JS Luis ML Tog-aca
4. Root Crop Production, Processing and Market Production		NPRCRT C, BSU	Feb 27, 2007	LGU-Apayao	BT Gayao DT Meldoz
5. Nutrition Education for Teachers		Asipulo Central School, Ifugao	March 23, 2007		NPRCRTC personnel
6. Potato Seed Production, Greenhouse Management and Seed Certification		HAR-RDEC	July 31- Aug. 1, 2007	DA-BAR; HVCC	JC Perez CG Kiswa
7. Integrated Management of Potato Bacterial Wilt and Late Blight	Researchers, facilitators, R&D practitioners	HAR-RDEC	Sept. 10-11, 2007	UPWARD	JC Perez IC Gonzales TD Masangcay GS Backian
8. Root Crop-Based Wine Processing	Agricultural technicians	NPRCRT C-BSU	Oct. 1-18, 2007	ATI-NTC	ET Botangen
9. Data Gathering and Analysis of 24-Hour Food Recall Survey	LGU-Atok staff	Atok, Benguet	Nov. 2007	LGU-Atok	BT Gayao
10. Potato Processing	DTI & OPAG staff	TDC, Wangal	Nov. 13-15 2007	LGU-Benguet	ET Botangen
11. Processing of Potato Chips and Potato-based Snack Food Products	LGU-Atok	Atok, Benguet	Nov. 2007	LGU-Atok	ET Botangen
12. Processing Ginger Tea	Del Pilar households	Del Pilar, Ilocos Sur	Nov. 2007	LGU-Del Pilar	ET Botangen

Capability Building

Research and extension managers, leaders and staff were sent to 7 international, 20 national, 17 regional and 13 local for a total of 57 workshops, conferences, symposia, meetings, congresses, fora, general assemblies and seminars to strengthen their capacities in R and E (Table 20 and Figure 16).



Table 20. Capacity building activities participated in by faculty researchers in 2007

Capacity Building Activity	Duration	Venue	Sponsor	Person Involved
A. International				
1. Visit to AVRDC, National	March 12-17, 2007	Taiwan	PIUC-VLIR	SB Maddul
2. Continuing Education Program on Research and Technology	June 11-15, 2007	Kuala Lumpur, Malaysia	PCARRD	SB Maddul
3. Research Methodology Workshop	Aug 26-31, 2007	Cantho University, Vietnam	PIUC-VLIR	MKT Dagupen LN Tagarino J Guillao DD Tagarino LE Cuangey CD Llanes AK Del-ong JM Sim
4. International Conference on Research in Higher Education	Oct 23-27, 2007	Cebu City	PIUC-VLIR	MKT Dagupen
5. 5 th International Symposium on Bio-control and Biotechnology	Nov 1-3, 2007	Thailand	KMITL	LM Villanueva
6. International Workshop on Appropriate Use of Bio-	Nov 20-21, 2007	Los Baños, Laguna	PCARRD FFTC, Taiwan	CP Laurean LM Villanueva
7. ISSAAS Conference-paper presentation	Dec 10-14, 2007	Melaka, Malaysia	BSU	IC Gonzales ET Botangen
B. National				
1. BSU-PCARRD IP Audit Meeting for BSU Technologies	Feb 20, 2007	Gladiola Center, BSU, La Trinidad and PCARRD	PCARRD and BSU	CP Laurean JS Luis
2. Food Safety Measurement in Vegetables	Feb 27, 2007	Benguet State University		VB Salda
3. Cite Visits of organic farms and discussion with entrepreneurs involved in vegetable	March 2 and 5, 2007	Mariano Marcos State University, PCARRD, Tagaytay and UPLB	PCARRD and BSU	VB Salda
4. Seminar on Food Safety Measurement of Fresh Vegeta-	March 6, 2007	UP Los Baños, Laguna	PCARRD and BSU	VB Salda

Table 20. Continued
Capacity Building Activity

Capacity Building Activity	Duration	Venue	Sponsor	Person Involved
5. 5 th National Vegetable Congress	March 7-9, 2007	Tagaytay City		VB Saida JS Luis MM Marquez N Pedroche RT Ramos
6. Joint PCARRD RRDCC Chairs and Consortium Directors' Meeting	March 13-15, 2007	Dumaguete City	PCARRD	CP Laurean
7. 37 th Pest Management Council of the Philippines (PMCP) Conference	March 19-24, 2007	Tagbilaran City, Bohol	PIUC-VLIR	LM Villanueva AL Nagpala NB Pedroche
8. 19 th Federation of Crop Science Societies of the Philippines (FCSSP) Conference	June 13-15, 2007	Tagaytay City	PIUC-VLIR	BA Tad-awan BS Tad-awan GS Backian BT Gayao DK Simongo IC Gonzales MM Marquez
9. Regular meeting of the Arabica Coffee Technical Working Group	July 2007	ATI-NTC, La Trinidad, Benguet	DA-CAR	VL Macanes
10. Organic Manual Writers Meeting and Follow-up Meeting	Aug 17 and Sept 25, 2007	PCARRD, Los Baños, Laguna	PCARRD	VL Macanes
11. 16 th North Luzon Area Business Conference	Aug 24-26, 2007	San Fernando City, La Union	Philippine Chamber of Commerce and Industry	MKT Dagupen
12. Intellectual Property Management Training	Aug 29-31	PCARRD, Los Baños, Laguna	BSU and PCARRD	CP Laurean AL Nagpala VL Macanes M Dumaslan IC Gonzales CG Kiswa
13. Training on Animation	Sept 1-31, 2007	Bukidnon State University	CICT	GT Tabdi, Jr.
14. Workshop on laws, policies and agreements Government Plant genetic Resources for food and agriculture	Oct 17-19, 2007	Astoria Plaza, Ortigas Center, Pasig City.	PCARRD	DK Simongo



Table 20. Continued

Capacity Building Activity	Duration	Venue	Sponsor	Person Involved
15. 7 th ISSAAS national convention at SEARCA, UPLB	Oct 25-26, 2007	SEARCA, UPLB	ISSAAS-Phil VLIR-PIUC	BA Tad-awan DK Simongo CG Kiswa EJD Sagalla JP Pablo C Shagol N Pedroche IC Gonzales ET Botangen TD Masangcay
16. Training on Ink and Paint Using Linux Hardwares	Nov 11-17, 2007	Bicol University	BSU	GT Tabdi, Jr.
17. 3 rd National Agroforestry Congress & 4 th PAFERN General Assembly	Nov 13-16	DMMMDU-NLUC, Bacnotan, La Union	PAFERN	VL Macanes AA Basalong
18. DOST Nationwide Information Campaign to disseminate information about the Department's existing programs, funding mechanisms and capability building opportunities available	Nov 20, 2007	BSU, La Trinidad, Benguet	DOST	SB Maddul JG Dati & other R&E personnel
19. PAEDA 52 nd Biennial Convention	Nov 20-23, 2007	PAEDA, PCARRD, Los Baños, Laguna	PIUC-VLIR	MKT Dagupen
20. Annual Convention of KOICA Fellows & 6 th PHILKOFA General Membership Meeting	Nov 30-Dec.1	Pasig, Manila	PHILKOFA	VL Macanes
C. Regional				
1. HARRDEC Regional R & E Workshop	Jan 24-26, 2007	ATI, BSU, La Trinidad		CP Laurean AB Otulan VB Salda Other R & E Personnel
2. Vegetable Stakeholders Consultation/Workshop	Feb 12, 2007	ATI-CAR		PB Alipit
3. HARRDEC RTWG Meeting	Feb 19, 2007	HARRDEC Hall, BSU, La Trinidad		CP Laurean
4. HEI-CAR Research Directors' Meeting	March 9, 2007	ATI, BSU, La Trinidad		CP Laurean
5. HARRDEC Secretariat Meeting	March 22, 2007	HARRDEC, BSU, La Trinidad		R&E Personnel
6. Seminar on Agricultural Capability Enhancement Fund (ACEF)	March 22, 2007	ISCAF, Lamut, Iugao		VB Salda
7. Regular meeting of the Regional Coordinating Group for Arabica Coffee	July 31, 2007	Office of the Presidential Assistant for CAR, Km.4, La Trinidad, Benguet	Office of the Presidential Adviser for the CAR	VL Macanes



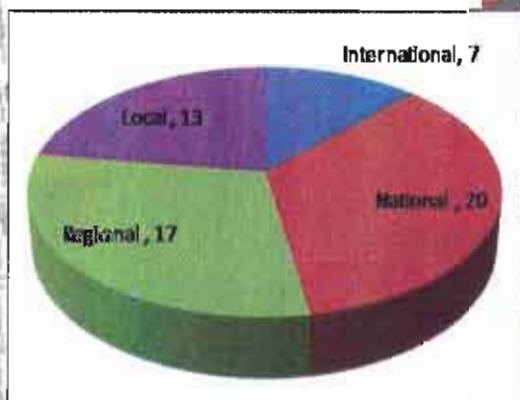
Table 20. Continued.

Capacity Building Activity	Duration	Venue	Sponsor	Person Involved
8. Seminar Workshop on Organic Extension	Aug 3-4, 2007	BSU	DOST VLIR-PIUC	JS Luis LM Villanueva
9. Annual Regional In-house Symposium and Farmers Forum	Aug 16-17, 2007	ATI-NTC, BSU	VLIR-PIUC	R & E Personnel
10. Workshop for the Development of the "Arabica Coffee Program in the Cordillera Region"	Oct 24, 2007	Asin, Tuba, Benguet	DA-RFU-CAR	VL Macanes
11. DOST Nationwide Information Campaign on programs, funding mechanisms and capability -building opportunities available	Nov 20, 2007	Gladiola Center, BSU	DOST	PA Dalang GS Backian CG Kiswa JG Dati
12. Capability Building on Administrative Discipline and Grievance Machinery	Nov 6-9, 2007	Anthurium Hall, BSU	HRMO	PB Alipit LM Villanueva
13. Capacity Building on Project Development and Resource Generation for Solid North SUCs	Dec 10-14, 2007	Gladiola Center	ICRISAT BSI ISU	JS Luis JA Pablo VL Milo AM Kimeu
14. Cordillera Regional Consultation on Arabia Coffee	Dec 11, 2007	NIA-CAR Training Hall	Office of the Presidential Assistant HARRDEC	AA Basalong SB Maddul
15. HARRDEC Strategic Planning	Dec 11-12, 2007	HARRDEC Hall		CP Laurean JA Solimen VB Salda DK Simongo AM Kimeu WL Marquez
16. Seminar-Workshop on Organic Farming "Bringing Organic Agriculture to our Regional Scientist and Extensionist"	Aug 3-7, 2007	BSU	VLIR-PIUC	JS Luis LM Villanueva
17. Seminar-Workshop on Bar and Beverage Mgmt Course and Advance Culinary and Skills Enhancement	July 25-27, 2007; Aug 6-8, 2007			EP Belino JS Del-amen SB Balauro
D. Local				
1. Enhancing Livelihood Opportunities Thru Community Watersheds: Perspective from Farm Household	Jan 15, 2007	Chrysanthemum Hall, BSU	BSU	All Research Staff and Faculty Researchers
2. Food Safety Measurement of Fresh Vegetables	March 2, 2007	Chrysanthemum Hall, BSU	BSU	All Research Staff and Faculty Researchers
3. Annual BSU Agency In-House Review	May 9, 2007	NPRRTC, La Trinidad	BSU	All Research Staff and Faculty Researchers



Table 20. Continued....

Capacity Building Activity	Duration	Venue	Sponsor	Person Involved
4. BSU-Philex Mining Corporation Planning Workshop	March 23, 2007	Chrysan-themum Hall, R & E Bldg., BSU, La Trinidad		R&E Personnel
5. Pesticide and Heavy Metal Contaminations on Agricultural Soils in Benguet: Assessing their Effects on the Environment	July 12, 2007	Chrysan-themum Hall, BSU	BSU-OVPRE	R&E Personnel
6. Sweet Potato and other Root Crop Enterprise Development	Aug 2, 2007	Chrysan-themum Hall, BSU	BSU-OVPRE	R&E Personnel
7. HORTIVAR Training	Aug 27-29, 2007	BSU	FAO	AM Kimeu
8. Potato Research Priorities for East and South East Asia and the Pacific	Sept. 28, 2007	Chrysan-themum Hall, BSU	BSU-OVPRE	R&E Personnel
9a. Indigenous Semi-temperate Vegetables in the Cordillera	Oct. 11, 2007	Chrysan-themum Hall, BSU	BSU-OVPRE	R&E Personnel
9b. Participatory Evaluation and Selection of Potato Varieties for Organic Production in the Philippine Highlands				
10. Commitment Building Workshop for New Entrants in Government (Alay sa Bayan Induction Program)	Nov 16-18, 2007	Anthurium Hall, BSU	CSC BSU	BB Amlos
11. Plant Tissue Culture: Methods and Applications	Nov 22, 2007	BSU	BSU-OVPRE	R&E Personnel
12. Revisiting and Updating the Benguet State University (BSU) Strategic Plan (2003-2011)	Oct 16-18, 2007	BSU and Asin Nangalisan, Tuba, Benguet	BSU PDO	R&E Personnel
13. Rural Ecotourism for Biodiversity Conservation and Community Livelihood	Dec. 6	Strawberry Hall, BSU		VL Macanes AA Basalong



Dr. Rogelio D. Colting, Prof. Botangen, Dr. Alupas, Dr. Tagarino, and Dr. Gonzales at the ISSAAS Convention in Malaysia.//R&E

Figure 16. Number of scientific conferences, symposia, and fora attended by R&E personnel

SEMINAR SERIES

Nine RDE seminar series were conducted in 2007 to provide opportunities for PAARFI professorial chair holders to deliver public lecture or invited lecturer to deliberate on special topics on their completed works (Table 21). This seminar series serves as effective technology/information delivery/dissemination to stakeholders.

Table 21. Public lectures given by PARRFI professorial chair holders and an invited lecturer in 2007

Public Lecture	Date	Profesorial Chair Holder / Resource Speaker	Year of Chair Award
1. Enhancing Livelihood Opportunities Thru Community Watersheds: Perspective from Farm Households	Jan 15, 2007	RP Mula	
2. Food Safety Measurement of Fresh Vegetables	March 1, 2007	Ji Gang Kim	
3. Pesticide and Heavy Metal Contaminations on Agricultural Soils in Benguet: Assessing Their Effects on the Environment	July 12, 2007	CP Laurean	2005
4. Sweet Potato and Other Root Crop Enterprise Development	Aug 2, 2007	JM Sim	2004
5. Oyster Mushroom Production in Benguet: From Hobby to Enterprise	Sept 6, 2007	JS Luis	2002
6. Potato Research Priorities for East and South East Asia and the Pacific	Sept 28, 2007	F Ezeta	
7. Participatory Evaluation and Selection of Potato Varieties for Organic Production in the Philippine Highlands	Oct 11, 2007	BA Tad-awan	2007
8. Indigenous Semi-Temperate Vegetables of the Cordillera Region	Oct 11, 2007	LG Lirio	2006
9. Plant Tissue Culture: Methods and Applications	Nov 22, 2007	VD Alejandro	2003

Publications

Articles/papers, research updates and news were published by faculty researchers internationally, in the BSU Research Journal, books, Shamag newsletter, RDE Forum and Rangtay magazine (Table 22). Figure 17 shows the number of researches published in referred journals.

Table 22. List of publications written by researchers in 2007

Article/Book	Journal/Magazine/ Newsletter of Publication	Date Published	Author/s
A. International			
1. Chrysanthemum White Rust in the Philippines: Management Using Fungal Hyperparasites and Bacterial Antagonist	KMITL Science and Technology Journal, Thailand	2007	LM Villanueva, et al.
B. National			
1. Low Temperature Tolerance in Potato	BSU Research Journal No. 54	March 2007	BA Tad-awan
2. Potential of Different Agricultural Wastes as Substrate for Oyster Mushroom Production			MD Bolislis
3. Lime Requirement of Four Soil Series in Buguias, Benguet Grown With Cabbage			DL Domondon
4. Life History of Ladybug Beetle <i>Hippodamia convergens</i> linn. (Coleoptera: Coccinellidae) in Benguet			LO Cabaling Jr. AW Fagyan
5. Product Development of Mushroom-based Product			EV Cardona Jr. FC Guerrero
6. Traditional Feeding Practices on Pigs in Besao, Mountain Province			MSL Dulawen JM Sim
	MT Cogasi MB Walsiyen		



Table 22. Continued

Article/Book	Journal/Magazine/ Newsletter of Publication	Date Published	Author/s
7. Morphological Diversity and Cluster Analysis in Sweetpotato Varieties in the Northern Philippine Highland	BSU Research Journal No. 55	June 2007	LL Tandang JI Alfonso
8. Acceleration of Flowering in Gloriosa Lily (<i>Gloriosa rothschildiana</i>) with Gibberellic Acid			MCC Domingo AG Ladilad
9. Growth and Root Development of Batac Mulberry (<i>Morus alba</i> Linn.) Cuttings for Sapling Production on Different Potting Mixtures			BG Yogayog VL Macanes
10. Organic Fertilization on the Seed Quality of Pole Snap Bean <i>Phaseolus vulgaris</i> (Var. MAccarao)			PAF Simsim JG Balaing
11. Consumers Perception on Meat and Vegetable-based Burger			HS Paredes JM Sim
12. Effectiveness of the Administration and Supervision of the BSU-CTE Student Teaching Program			MJL Laruan
13. Correlation of Agronomic Characters in Potato Accessions Grown Organically	BSU Research Journal No. 56	September 2007	BA Tad-awan MB Balas
14. Potato Germplasm for Organic Production: (1) Agronomic Characters in the Mid-Mountain Zone of Benguet			BA Tad-awan DKSimongo EJD Sagalla CCShagol JPPablo CGKiswa
15. Balanced Fertilization Strategy of Cabbage in the Highlands, Northern Philippines			EK Mamaril MMMarquez HMImog JJPicpican GBSoyun
16. Reproduction of Root Knot Nematode (<i>Meloidogyne incognita</i>) on Potential Tomato (<i>Lycopersicon esculentum</i>) Cultivars and Breeding Lines			SBCompala LMVillanueva
17. Response of Celery Cultivars to the Root-knot Nematode <i>Meloidogyne incognita</i>			NBPedroche LMVillanueva DDe Waele
18. Life History of Common Cutworm, <i>Spodoptera litura fabricius</i> (Noctuidae: Lepidoptera) in Benguet			EV Cardona CSLigat MPSubang

Table 22. Continued

Article/Book	Journal/Magazine/ Newsletter of Publication	Date Published	Author/s
19. Effect of pH of Holding Solution on the Vaseline and Cutflower Quality of Peruvian Lily (Alstromeria)	BSU Research Journal No. 57	December 2007	MB Lardizabal AG Ladilad
20. Mass Media Habits of BSU Students First Semester 2006-2007			HC Bugtong MLD Fang-asan
21. Teachers' Written Examination Assessed by Students (TWEAST)			LRSito JLSMontemayor MNAlawas DMYango CP Luma-ang
22. Characteristics and Impacts of Ecotourism in the Municipality of Basco and Mahatao, Batanes	The Modern Teacher Book	Oct 2007	KLF Viola RA Gomez, Jr.
23. Growth and Flowering of Petunia as Affected by Different Kinds of Slow Release Fertilizers			HD Ganado AG Ladilad
24. A Comprehensive Assessment of Pesticide Residue on Two Vegetable Farming Municipalities of Benguet	Northern Luzon Research Journal	March 2007	Carlito P. Laurean
25. Multiple Intelligences of BSU Students	The Modern Teacher	Oct 2007	CTE faculty
26. The Bees, Beekeeper and Beekeeping in the Cordillera	Book	2007	Lita M. Colting
27. Handbook for Vegetable Diseases in Benguet, 2 nd ed.	Handbook	2007	Asuncion L. Nagpala and DPP faculty
28. Stories of Alapu	Book	2007	MD Fang-asan and Dev Com Society
29. The BSU Coffee-based Agroforestry Scheme	Book	Aug 2007	BB Dimas
30. NPRCRTC Bags 2007 Lingkod Bayan Award for Developed Potato and Sweetpotato Varieties	SHAMAG	Sept 2007	JS Tabangcura
31. Indigenous Food Sources in an Ethno-Community in the Cordillera, Philippines and Their Relation to Health and Sustenance ³¹	The RDE Forum	Oct 2007	JA Solimen BT Gayao
32. International Expert Visits Local Potato Farmers	Rangtay Magazine Volume VIII, No. 1	Dec 21 2007	GR Tabon
33. Several updates			Various authors

COPYRIGHTED PUBLICATIONS

With the birth of the Intellectual Property Rights Office, 9 book publications and the whole RDE Forum as publication materials were granted copyrights by the National Library in 2007 (Table 23). Copyrighting protects researchers/authors in the ownership of their technologies/information.



www.bsueu.ph

Shamag Official Newsletter of the Benguet State University
La Trinidad 2007, Benguet, Philippines

The RDE Forum Some copyrighted BSU publications

GOLDEN ROOTS Northern Philippines Root Crops Research and Training Center

NPRCRTC Working Paper Series NORTHERN PHILIPPINES ROOT CROPS RESEARCH AND TRAINING CENTER



Table 23. Copyrighted publications produced in 2007

Title of Book/Publication Material	Author/s	Copyright Number (Date of Issue)
1. GOLDEN Roots – Contribution of Sweetpotato to Income and Nutrition of Farming Households	CB Pulinney	B 2007-23 (March 17, 2007)
2. GOLDEN ROOTS – Contribution of SP Processing to Income and SP Consumption to Nutrition of Households in Baguio City and La Trinidad, Benguet	BT Gayao, DT Meldoz, EJD Sagalla, ET Botangen, JM Sim, CC Shagol	B 2007-24 (March 17, 2007)
3. GOLDEN ROOTS – Sweetpotato Products: Nutrient Content and Recipes	BT Gayao, DT Meldoz, EJD Sagalla, ET Botangen, JM Sim, CC Shagol, HL Quindara	B 2007-25 (March 17, 2007)
4. NPRCRCTC Working Paper Series: Contribution of Sweetpotato to Household Income, Food and Nutrient Intake of Farmers and Processors	BT Gayao, DT Meldoz, EJD Sagalla, ET Botangen, JM Sim	B 2007-26 (March 17, 2007)
5. NPRCRCTC Working Paper Series: Contribution of Snack Food Products to Nutrient Intake of Children & Assessing Market Potential of Sweetpotato Snack Food Products	ET Botangen, BC Gayao, HL Quindara, DT Meldoz, CC Shagol, JM Sim	B 2007-27 (March 17, 2007)
6. NPRCRCTC Working Paper Series: A Participatory Intervention Strategy to Improve Children's Consumption of Vegetables, Fruits and Root Crops	BT Gayao, DT Meldoz, JM Sim, CC Shagol	B 2007-28 (March 17, 2007)
7. The RDE Forum	WL Marquez	B 2007-30 (March 16, 2007)
8. The Potato Seed Production Technologies in the Highlands of Northern Philippines: An Assessment	BT Gayao, DT Meldoz, JG Dati, GS Backian, DK Simongo	A 2007-602 (March 26, 2007)
9. The BSU's Coffee-Based Agro Forestry Scheme – Revised Edition	BB Dimas	A 2007 – 1419 (May 14, 2007)
10. Stories of Alapu (Mountain Province Edition)	MLD Fang-asan, BC Listino, JS Tabangcura	A 2007-2316 (September 30, 2007)

Technologies Filed for Patenting

Two technologies on mushroom production were filed with the Intellectual Property Office in 2007 (Table 24). Technology patenting provides protection to the technology generators.

Table 24. Technologies filed for patenting by IPO in 2007

Title	Technology Generator	Patent Application No./ Filing Date
Stress/Shock Treatments for <i>Lentinula</i> Spawns and Growing Bags to Increase Mushroom Yield and Income	JS. Luis	12007000461/Nov. 13, 2007
Stress/Shock Treatments for <i>Pleurotus</i> Spawns and Growing Bags to Increase Mushroom Yield and Income	JS Luis	12007000462/Nov. 13, 2007

RESEARCH AWARDS

Researchers reaped one (1) international, seven (7) national, three (3) regional and ten (10) institutional awards in 2007 (Table 25 and Figure 18). Two group awards, namely: Lingkod Bayan and Best Paper (Development Category) of PCARRD and two individual awards, namely: Pest Management Award and L.B Uichangco Outstanding Entomologist are enviously prestigious. These are results of efforts exerted by researchers for the past 5 to 10 years. The awards carry with them top recognition for such efforts. In the institution, the Outstanding Researcher and Outstanding Employee awards for 2006 given on January 12, 2007 were garnered by faculty members doing research at HORTI and staff of NPRCRCTC.

Table 25. Research awards garnered by faculty members and researchers in 2007

Award Title	Awardee	Date Given	Awarding Agency
A. International			
1. Finalist for Best Paper award, 1 st International Conference of the Philippine Society for the Study of Nature (PSSN)	LG Lirio	04 May 2007	PSSN
B. National			
1. 2 nd Place Best Paper (Development Category)	LG Lirio MA Balcita LP Pladio	09 November 2007	Philippine Council for Agriculture, Forestry and Natural Resources Research and Development (PCARRD)
2. PARRFI Professorial Chair	CS Battad	September 2007	PCARRD
3. Lingkod Bayan Award	IC Gonzales CG Kiswa DK Simongo ET Botangen TD Masangcay FS Balog-as AT Botange	September 2007	Civil Service Commission (CSC)
4. 3 rd Best Paper	CP Laurean	May 2007	Philippine Society of Soil Science and Technology (PSSST)
5. Service Award	JG Balaing	May 2007	Philippine Society of Soil Science and Technology (PSSST)
6. Pest Management Award	LM Vil-lanaueva	March 2007	Pest Management Council of the Philippines
7. L.B Uchanco Outstanding Entomologist	LM Colting	March 2007	Pest Management Council of the Philippines
C. Regional			
1. Certificate of Recognition as Lingkod Bayan (group) finalist	IC Gonzales CG Kiswa DK Simongo ET Botangen TD Masangcay FS Balog-as AT Botangen	September 2007	CSC-Cordillera Administrative Region-CAR
2. Certificate of Recognition as Lingkod Bayan (individual) finalist	BA Tad-awan	September 2007	CSC-Cordillera Administrative Region-CAR



Table 25. Continued...

Award Title	Awardee	Date Given	Awarding Agency
3. 1 ST Place (Development Category)	LG Lirio	15 August 2007	HARRDEC
D. Institutional			
1. Gantimpala Award for having won the Best CHED HEI Research program for CAR	JC Perez PA Dalang CG Kiswa GS Backian TD Masangcay IC Zales DK Ongo ET Angen FA Balog_as JM Sim CB Pulinney WA Marquez	December 2007	BSU
2. Finalist for Best Paper Award, BSU Agency In-House Review	LG Lirio <i>et. al.</i>	11 May 2007	HARRDEC
3. Center of Excellence (COE) in Agriculture Education Professorial Chair	BA Tad-awan	February 2007	CA-BSU
4. 2006 Outstanding Researcher	AL Nagpala	January 2007	CA-BSU
5. Special Award as Senior Researcher of ISSAAS Best Paper in 2006	BA Tad-awan	January 2007	BSU
6. Special Award for pioneering work in the establishment of the BSU Agroforestry Project, developing the technology on "Coffee Under Pine Stands", and Apple R and D	BB Dimas	January 2007	BSU
7. Special Award as Best Scientific Poster Award by the National Academy of Science and Technology (NAST) Philippines	LG Lirio	January 2007	BSU
8. Special Award for her efforts in packaging and coordinating the implementation of Phase II (2004 -2008) of the Philippine Institutional University Cooperation-Vlaamse Interuniversitaire Raad (PIUC-VLIR) programme	DD Tagarino	January 2007	BSU
9. Special Award as Senior Researcher of Best Poster in 2006	LM Villanueva	January 2007	BSU
10. 2006 Outstanding Employee	AA Wagsey	12 January 2007	BSU

Dr. Luciana Villanueva and Dr. Lita Colting at the PMCP having won the Pest Management Award and L.B. Uichanco Outstanding Entomologist awards respectively//R&E



Lingkod Bayan Awardees pose with University officials and CSC Commissioner Karina C. David at the Cultural Center of the Philippines.//R&E

DATABASE MANAGEMENT SERVICES

The sector has the Management Information System \Office (MISO) for its database management. To date, the office maintains several data (Table 26).

Table 26. Database prepared by the MISO of the OVPRE for 2007

Database/Available	Office Given Such Database
1. Curriculum Vitae and Paper Publication of PARRFI Professorial Chair Holders of BSU	Philippine Agriculture and Resources Research Foundation, Inc., HRMO and PDO of BSU
2. R and E Quarterly Midyear and Annual Accomplishment Report for 2007	Office of the President and PDO of BSU, HARRDEC
3. R and E Personnel Listing	HRMO and ORS
4. R and D Listing for 2007	Budget Office, ORS of BSU and HARRDEC
5. Research Management Information System Database for 2004-2006	PDO of BSU and CHED Zonal Regional Center
6. Data Elements for R and D Projects	HARRDEC
7. PCARRD Scholar Profiles	PCARRD and PDO of BSU
8. Proceedings of 2007 Agency In-House Review	HARRDEC and PCARRD
9. Personnel Data Sheets of R and E Personnel	ORS and PDO of BSU
10. List of research paper, posters and exhibits presented/ participated	ORS and PDO of BSU
11. R and E Update for BSU webpage	PIUC and PDO
12. R and E data for AACCUP accreditations	CA, CVM, CN, CF, CTE

Dr. Fernando Ezeta of CIP in a meeting with Dr. Rogelio D. Colting, Dr. Sonwright Maddul and Dr. Johnny Dati//UPAO



Linkages

Table 27 and Figure 19 outlines the linkages made with funding agencies for the conduct of RDE projects in 2007 involving ten (10) international, eleven (11) national, eight (8) regional and seven (7) local institutions. Linkages are more on funding of RDE projects and partnership as well.

Chit Juan of Figaro Foundation and Dr. Rogelio D. Colting sign an addendum to an earlier MOA on organic coffee production as witnessed by Dr. Tagarino and Dr. Fersty//UPAO





Table 27. Linkages made with funding agencies for the conduct of RDE projects

Name of Agency/ Organization	Type of Project/Undertaking	Duration	Date of Signing/ Approval of MOA	2007 Activities
A. International				
1. VLIR-PIUC	Continuation of PIUC-funded projects of STRVRDC and ISRD			Completion of some projects and continuation of on-going ones
2. International Crop Research Institute for Semi-Arid Crops (ICRISAT)	Partnership and consultancy	2007-2012	2007	Supply of chickpea germplasm for evaluation and co-sponsorship of training on resource generation
3. Berkeley International School	Packaging of IEC materials			
4. Forest Environmental Research Institute and Sanju National University, South Korea	Technology exchange; supply of pine, oak and ginseng seeds; research		2007	Conduct of ginseng rootlets trial
5. Plastro Asia, Inc.	BSU-Plastro Greenhouse for Piloting, Demo and Commercialization	2004-2010	March 23, 2004	Planted romaine in and green ice lettuce at bi-weekly intervals.
6. Katholieke University Leuven, Belgium	Degree program	2004-2009		Ph D program of N. Pedroche underway
7. University of Ghent, Belgium	Training programs			
8. Centro International de la Papa	Potato germplasm and trainings)	2007-2018	Final draft for signing	E-mailed to Dr. Fernando Ezeta of CIP, Peru or CIP, ESEAP
9. Asian Vegetable R&D Center	Evaluation of AVRDC Vegetable Lines at BSU	2006 - 2008	March 2006	Performance evaluation of several lines of vegetable crops
10. CIP-ESEAP	Potato R&D partnership	Sep. 2007-2016		
B. National				
1. Institute of Plant Breeding, UPLB-CA	Vegetable Crop Improvement	1999 - 2010	Jan 1999	Evaluation of snapbean, garden pea, and tomato entries
2. Commission on Higher Education (CHED)	Mushroom Processing	2006 - 2008	October 2005	Formulation of mushroom-based processed products



Table 27. Continued.

Name of Agency/Organization	Type of Project/ Undertaking	Duration	Date of Signing/Approval of MOA	2007 Activities
3. CHED	Strawberry Runner Production		Nov 25, 2005	Established a greenhouse and a tissue culture laboratory. On-going tissue culture activities On-going runner production from tissue cultured materials in the greenhouse and on field Distribution of 120,000 runners to farmer-beneficiaries
4. Department of Agriculture – Bureau of Agricultural Research (DA-BAR)	Biological Control of Major Crucifer Diseases	2001 - 2007	April 2001	Efficacy of microbial antagonists against blackrot and clubroot
5. DA-BAR	Strawberry R and D	2006 - 2007	Sept 2006	Production, postharvest handling and processing technology development and promotion
6. Congressional Oversight Committee on Agriculture and Fishery Modernization and National Fishery Council	Implementation of Young Farmers Program (YFP)			Coordination of on-the-job training of potential YFP beneficiaries and monitoring of existing YFP projects
7. Philippine Agriculture and Resources Research Foundation, Inc.	Sponsorship of professional chairs			Launching of PARRFI publication on PARRFI researches, approval of one new chair
8. National Research Council of the Philippines	Sponsorship of trainings and research projects			Submission of research proposals of which were eventually approved for funding
9. Commission on Information Technology (CICT)	ICT transfer			Technology integration with CTE-SLS
10. Forest Products Research and Development Institute	Research funding			Terminal phase of research on preservative treatment of row for trellis of vegetables
11. Philippine Agroforestry Education and Research Network	Publications, trainings, scholarship			Institutional linkages
C. Regional				
1. Department of Agriculture – Cordillera Administrative Region (DA-CAR)	Arabica Coffee-Based Production	July – Present	Aug 2007	Partial delivery of Arabica Coffee seeds



Table 27. Continued...

Name of Agency/ Organization	Type of Project/ Undertaking	Duration	Date of Signing/Approval of MOA	2007 Activities
2. CARE – MU	Postharvest Handling of Vegetables	2006 - 2009	Oct 2006	Quality grading and packaging of vegetables
3. DZWT	Radio broadcast			BSU-on-the-Air
4. Luzon Science Consortium	Trainings, seminars, curriculum development, quiz bees			Provision of speakers, technical assistance, joint researches with CAS
5. MOOG Controls Phil.	Outreach programs			Extension activities with CTE
6. Cordillera Green Network	Forest management trainings and seminars			Participation in scheduled trainings and seminars as resource speakers
7. Jaime V. Ongpin Foundation, Inc.	Watershed management partnership	MOA ended 2007		3D maps of LTB watersheds and research on Biodiversity Assessment and Spatial Modeling of Aino-Alapang Forests
8. DENR-CAR	Roadside plantation			Roadside plantation at Tublay
D. Local				
1. Kapangan LGU	Agroforestry Project	August – Present	Aug 2007	Delivery of Arabica Coffee Seedlings for Planting
2. Figaro, Inc.	Arabica Coffee Production	2004- Present	Aug 24 (MOA Amendment with FIGARO Inc.)	Planting of the second batch of Arabica coffee seedlings. Enrollment for certification in Netherlands and initial inspection of the BSU organic Arabica coffee plantation
3. Benguet Press Corp	Research Forum		Oct 28, 2007	Research forum on: Product Labeling
4. Saint Louis University, Baguio City	Financial administration of joint projects			
5. Pampanga Agricultural College	skills application training program (SATP)			SATP with CHET, Food Processing Center, Bakery and BSU Cafeteria
6. Cagayan State University	skills application training program (SATP)			SATP with CHET, Food Processing Center, Bakery and BSU Cafeteria
7. La Trinidad LGU	Joint program in development			BSU as member of Municipal Environment and Natural Resources Council, joint R and E projects

UPGRADING OF RESEARCH AND EXTENSION FACILITIES

To assure effective implementation of R and E projects, facilities were continuously upgraded. In 2007, repairs were done on the Biodiversity Greenhouses for the propagation of medicinal plants; *Diagegma* rearing house, air conditioning system and additional lighting were installed to regulate the conditions for rearing the insects; strawberry germplasm greenhouse; HORTI greenhouse for ornamentals; construction of plastic tunnels for mite research and repair of cabinets and tables of the tissue culture laboratory.

This year, laboratory as well as office equipment of the research and extension centers were remarkably enriched considering the contributions of PIUC, CHED, income generated by the projects and the research and extension budgets for the year.



The tissue culture laboratory producing clean strawberry runners//UPAO



Baguio Press Corps Chairman Atty. Delmar Cariño signed a MOA with the University for the dissemination of research results.//R&E



BUSINESS AFFAIRS

The University Business Affairs Division was tasked to oversee the different business projects, and generate funds in support of instruction, production, research and extension functions of the university and provide livelihood opportunities for its various stakeholders through the commercialization of matured technologies gen-

In 2007, there were three types of projects: Revolving Fund (RF) 161 for agri-based projects (9), RF 163 for non-agri-based projects (10) and RF 164 for land and building space rental (5) with a total of 24 projects (Table 28). For land rental for food production, 29.37 hectare were distributed to the Sariling Sikap program for low-income employees (6.77 ha), Supervised Farming program for high school students of the vocational-agriculture curriculum (7.2 ha) and Farmer-Cooperators program for farmers commercializing technologies generated in the University (15.4 ha).

The IGPs accommodated in commercial spaces are enumerated in Table 29.

Table 28. Income-generating projects of the University in 2007

Category	IGP Project/Program
1. RF 161	1.1 Bakery 1.2 Food Processing Center 1.3 Souvenir and Gift Shop 1.4 Marketing Center 1.5 Multi-Vegetable Production 1.6 Mushroom 1.7 Poultry 1.8 Swine 1.9 Strawberry Production Project
2. RF 163	2.1 BSU Garments 2.2 Guestels (HMEG) 2.3 RSDC Canteen 2.4 SLS Canteen 2.5 ELS Canteen 2.6 Veterinary Clinic 2.7 Purified Water Refilling Station 2.8 Gladiola Center 2.9 Men's Dormitory 2.10 Ladies Dormitory
3. RF 164	3.1 Agricultural Land Use 3.2 Commercial Space Use 3.3 Sariling Sikap Program (6.77 has.) 3.4 High School Supervised Farming Curriculum (7.2 has.) 3.5 Farmer Cooperators Program (15.4 has.)



A line of BSU food products//UPAO

The BSU Gladiola Center accommodates seminars and birthday parties at 1000 Php/day.//UPAO



Research outputs also bring in income to the University.//R&E

Table 29. Income-generating projects under commercial space use

Project	Location	No. of Stalls
1. Water Break bottling project	Gladiola-IH Center	
2. Polymed Pharmacy/Biomate bottling project		
3. Strawberry Arcade	Gladiola-IH Center	
4. BSU Entrepreneurship Center	Km. 5	38
5. Dry Goods Livelihood Project		29
6. Orchidarium and Ornamental Plant Society		49
7. Valley Hotel Parking		
8. Rey's Mini Studio		
9. Ligaya's Canteen		
10. Tabangaoen Stalls		12
11. Strawberry Fields Summer Trade		50
12. Main Campus Parking		
13. ABVODA Parking	Balili Road	
14. Atiwag Parking	Balili Road	
15. Manila Cutflovers Cooperative Parking	Swamp	
16. Baguio-Benguet Cutflovers Group	Cold Storage Building	

HIGHLIGHTS OF ACCOMPLISHMENTS OF IGP_s

- Renewal of MOAs for Sariling Sikap, Farmer-Cooperators, Entrepreneurship Center, Dry Goods Stalls and Orchidarium Stalls
- Renewal of collection of parking fees with prepared operating guidelines
- Updating of payments of rentals and other project collectibles
- Grant of temporary permits to ambulant vendors and temporary stall holders
- Reopening of the Purified Water Refilling Station (PWRS)
- Conduct of rapid appraisal of the RSDC Canteen arriving at recommendations for improvement by the M and E Committee
- Treatment of the Elementary Laboratory School Canteen as an annex of RSDC Canteen
- Designation/reassignment of additional plantilla presumed to the UBA
 - a. M and E Officer
 - b. Deputy UBA Director
- Hiring of additional staff (Credit Collection Officer)



IGP CONTRIBUTION TO FUND GENERATION

A total of Php 4,688,724.20 which is equivalent to 2.20% of the 2007 GAA budget (Php 212,785, 586) was generated in 2007 (Table 30). In terms of profit, the Food Processing Center (FPC) made the highest of Php 1,425,964.32 (30.41%) followed by the Poultry Project with Php 808,075.00 profit and 17.23% contributions (Figure 20). In terms of returns on sales, the HMEG (guesthouses) had the highest of 54.76% followed by the Strawberry Project and Veterinary Clinic with 37.86 and 32.56%, respectively, then the Souvenir and Gift Shop (24.17%), FPC (24.14%) and the Multi-Vegetable Project (22.95%).

Table 30. Profit and returns on sales (ROS) generated by the IGPs for 2007

IGP	Profit Php	Percentage of Profit	ROS (%)
A. RF 163			
1. BSU Garments	111,635.69	2.38	17.93
2. ELS Canteen	(24,558.38)		-10.71
3. HMEG	585,047.19	12.48	54.76
4. RSDC Canteen	808,075.00	17.23	11.76
5. SLS Canteen	43,190.48	0.92	6.75
6. VET Clinic	158,913.02	3.39	32.56
Total	1,682,302.90		
B. RF 161			
1. Bakery	377,059.24	8.04	11.43
2. Food Processing Center	1,425,964.32	30.41	24.14
3. Marketing Center	139,775.89	2.98	1.04
4. Multi-Vegetable	117,283.54	2.50	22.95
5. Mushroom	(75,678.15)		-13.86
6. Poultry	839,016.70	17.89	12.93
7. Souvenir and Gift Shop	39,765.22	0.85	24.17
8. Strawberry Project	143,234.72	3.05	37.86
Total	3,006,421.48		9.79
Grand Total	4,688,724.20	100.00	



THE BSU BOARD OF REGENTS (BOR)

There were one (1) special and six (6) regular meetings of BOR in 2007 held respectively at the University and at CHED, Manila. The Board Executive Finance Committee chaired by Regent Juan B. Ngalob met periodically to discuss matters related to finance and management. Referenda were passed between meetings on matters needing immediate BOR action and which were finally acted upon during scheduled meetings.

The meetings were presided by Hon. Saturnino M. Ocampo, Jr., CHED Commissioner and Chair of the University's Governing Board, for one year from January-December 2007.

The two private sector representatives to the Board, Regent Gabino L. Garoy and Regent Gerry T. Labuyan, were given reappointment for another term from April 2007 to April 2009.

Highlights of Board Actions

A special meeting was held on January 26, 2007 at BSU for the approval of the creation of Monitoring Committee to monitor observations and comments on the incumbent President's management, tasking the Executive Finance Committee to discuss details presented in the Evaluation Committee's report and reappointing the two incumbent private sector representatives for a second term.

The Internal Operating Budget (IOB) for 2007 was approved by the Board on April 4, 2007 subject to the realignment of the Php 3.5 million for the coaster to retooling/HRD (Php 1.5 million) and Packaging R and D (Php 2 million).

The reappointment of the incumbent University President, Dr. Rogelio D. Colting, for another term (July 1, 2007 – June 30, 2008) was approved by BOR on April 30, 2007. The BOR approved the attendance of the President to the seminar on "Finance for Senior Executives" at AIM. Personnel – related matters approved by BOR in 2007 are shown in Table 31.

The conferment of Doctor in Resource Management, *honoris causa*, to Dr. William D. Dar, Director General of ICRISAT was approved in 2007.

One Memorandum of Understanding between BSU and the Civil Service Commission – CAR for the assistance of the latter in planning and implementing appropriate training interventions for BSU personnel and 24 Memoranda of Agreement (MOAs) plus one Contract of Affiliation related to instruction and research and extension were approved in 2007 (Table 32). A MOA for Network on Animals on dog pound was remanded. Two MOAs were deferred as regards collaboration with the Radyo ng Bayan and formal and practical instruction on sericulture with PTRI. On policies, the report on strengths, weaknesses and recommendations for University action, the revised organizational structure, the grant of Php 30,000 as initial budget for the Monitoring Committee activities sourced out from IGP fund and the breakdown of the 40% sharing of IGP incentives or 26% for project managers/staff and 14% for the University Business Affairs staff, and the authorization of the review of the status quo situation of the integrated campuses were approved by BOR.

Contracts of Services were approved for the Sidekick Force Investigation, Detective and Security Services, Inc. for the engagement of services of security guards, and PLDT on internet connection.

Contracts of Lease were approved in 2007 for Rev. AP Paatan for parking space in Swamp Area, for CHED-CAR on BSU lot for the construction of its regional office, for L. Guzman on lot at Gayase, Wangal but not renewable, and C Villena for 27 sq. m. lease of five years at Php 3,500.00.

For infrastructure, notices of award were approved for owner-contractor Fuchigami Construction and Boring Propriety on the Construction of CTE Building Phase II (Php 7M) in accordance with RA 9184, R.U.



Along IGP, the budget of Php IM was approved for the operation of the RSDC Canteen until August 2007. The BOR gave instruction of considering strawberry commercialization as IGP project. Along repair and maintenance, the BOR approved funds for the urgent repair of the roofing of the enclosed gym.

On governance, the University President was redelegated the authority by BOR to approve appointments with Salary Grade 18 and below with the colatilla that signing of appointment should be prompt and with completed staff work in place.



ON-GOING CONSTRUCTION. The construction of Phase II of the CTE Building is on-going. It is worth noting that 18.6% of the total cost is drawn from the income generated from the projects of the College of Teacher Education.//CTE

Table 31. Personnel-related matters approved by BOR in 2007

Personnel Matter	Personnel Involved	Duration
1. Job Order	Hiring of 13 personnel Renewal of 59 personnel 2008 Renewal subject to VS and available STF funds	2007 2007
2. Appointments, plantilla March 15, 2007 ref. on appointments confirmed May 25	Six (6) faculty members as Instructor I Nine (9) non-teaching personnel Dr. Florence Poltic as Medical Officer IV	Continuing Continuing Continuing
3. Promotion due to NBC 461	84 Faculty Members	2007 and beyond
4. New set of designations for 2007-2009	List on file	2007-2009
5. Study leave, full study leave, partial	Donita K. Simongo for PhD Agronomy Grace T. Bengwayan for PhD Rural Development	2006-2007 2007-2010
6. Sabbatical Leave	Feleciano G. Calora, Jr. Araceli G. Ladilad John Tacloy	Nov 2007-Oct 2008 Nov 2007-Oct 2008
7. Post-doctoral study extension without pay	Rosanna P. Mula	2007-2008
8. International Travel Personnel travels Cantho Univ., Vietnam Leuven, Belgium ICRISAT, India Perth, Australia Melaka, Malaysia	Several Personnel 10 DAEAM-CA Faculty Researchers Pres. Rogelio D. Colting Pres. Rogelio D. Colting VP-Finance Darlyn D. Tagarino Pres. Rogelio D. Colting VP-Finance Darlyn D. Tagarino	Various Dates November 21-26, 2007 December 5-7, 2007 December 5-7, 2007 December 11-15, 2007 December 11-15, 2007
9. Collective Negotiation Agreement (CNA) Incentive	Employees and Officials subject to existing guidelines	2007
10. Cash Gift (pro-rated) at Php 5,000 Maximum	Job Order and Substitute Employees	2007
11. Representation and Transportation (RATA) Allowance	Deans based on DBM Manual on Position Classification and Compensation for SUCs	2008 and beyond
12. IGP Incentives	IGP personnel and other officials and employees	2005 and 2006



Table 32. Memoranda of agreement approved by BOR in 2007

Category	Contracting Parties	Agreement
A. Instruction		
1. Contract of Affiliation	BSU and La Trinidad Rural Health Unit	Training and affiliation of CHET students
2. MOAs	1. BSU and Aurora State College of Technology 2. BSU and Benguet Capitol 3. BSU and District 9 of Bureau of Internal Revenue 4. BSU and DepEd – CAR 5. BSU and National Statistics Office – CAR 6. BSU and St. Louis University (SLU) 7. BSU and SLU (provided practicum fee is collected) 8. BSU and Commission on Information Communication Technology (CICT)	Faculty and student exchange; exchange of academic materials On-the-Job Training (OJT) of BS Applied Statistics (BSAS) Students OJT of BSAS Students OJT of BS Information Technology (BSIT) Students OJT of BSIT Students Inclusive Education Graduate Research Practicum ICT Education Partnership to offer Bachelor of Library and Information Science
B. Research and extension MOA	BSU and CHED-CAR BSU and CICT BSU, PCARRD and Central Mindanao University BSU and HARRDEC BSU, HARRDEC and partner member agencies (Atok and La Trinidad) BSU and DOST-CAR BSU, DA-CAR, ICRISAT and PCARRD BSU, SLU and LGU-Atok BSU, SLU and LGU-Baguio UPLB, DENR Region III, DENR-CAR and BSU	Conduct of "Vegetable and Root Crops Processing Incubation Project" i-school Establishment Conduct of "Supply Chain Improvement for Fresh Vegetables in Selected Areas in the Philippines; Phase I – Evaluation Research" Establishment of Farmers' Information and Technology Services (FITS) Participation as FITS partner Conduct of Mushroom Production Training Conduct of Chickpea Research Conduct of Health and Environment R and E Conduct of Health and Environment R and E Conduct of PCARRD funded "Intelligent Decision Support Systems for Environmental Hazards Management Using GIS and Remote Sensing"
C. Personnel Benefits MOA	1. BSU and CSC-CAR	Grant of scholarship to CSC awardees (Dangal ng Bayan and Pag-asa Award)
D. Partnership MOAs	1. BSU and CICT 2. BSU and Globe Telecommunication 3. BSU and La Trinidad Water District (LTWD) 4. Office of Undersec Dominguez, NCIP-CAR, DILG-CAR and BSU	Digitalization of Technology Installation of Telephone Cabinet and Concrete Pole LTWD to manage, operate and maintain BSU water system with inclusion of BOR suggestions Trainings/Conferences/Seminars for Indigenous Elected Lady Officials in CAR



POLICIES, PROCEDURES AND SYSTEMS

Administrative Issuances

Administrative issuances in the form of administrative orders, administrative memoranda, special orders and office orders issued in 2007 covered various subject matters or purposes like identification of approving/signing offices, creation of important committees with well-defined responsibilities and establishment and/or reiteration of policies and procedures on administrative and financial matters (Table 33).

Table 33. Important administrative issuances in 2007

Issuance	Date Issued	Subject/Purpose
A. Administrative Order (AO)		
1. AO No. 09	December 10, 2007	Withholding of Salaries Effective December 2007 Due to Unliquidated Cash Advances
2. AO No. 08	November 13, 2007	Submission of Project Procurement Management Plans (PPMP's) for CY 2008 The heads of colleges, institutes, offices, unit and special projects shall submit their PPMP's for 2008 by category or classification and by quarter, and include the technical descriptions of each item.
3. AO No. 07	September 26, 2007	Establishment of Policy Guidelines on Inspection of Deliveries of Procured Goods and Cash-on-Delivery (COD) Transactions The Management Inspection Committee shall: a) act on notice of inspection not later than one (1) day from receipt; b) check the quantity and specifications of goods, and the terms of the purchase order, job order, or contract; c) verify information in the supporting documents; and d) sign the inspection reports.
4. AO No. 05	June 12, 2007	University Procurement Management System This system covers the policies and procedures on the following: A. Planning Preparation of the PPMP The Budget Committee through the Sector Vice Presidents shall inform the end-user units of their budget for the year. Preparation of the University Annual Procurement Plan (APP) The Bids and Awards Committee (BAC) Secretariat shall consolidate the PPMP's into the University APP. B. Execution of the APP The BAC with the support of the BAC Secretariat, Procurement Management Officers and Technical Working Group shall execute the APP. The BAC shall determine procurement through any of the following modes: Competitive Bidding Limited Source Bidding Direct Contracting Repeat Order Shopping Negotiated Procurement C. Implementation of the Project and Notice of Award The BAC Secretariat shall prepare the Notice of Award and Purchase Order. D. Updating of the APP The approved APP may be updated after every six (6) months or as often as authorized by the University President.



Table 33. Important administrative issuances in 2007

Issuance	Date Issued	Subject/Purpose
B. Administrative Memorandum (AM)		
1. AM No. 18	July 30, 2007	Designation of Personnel to Compose the Monitoring Committee for Infrastructure and Management Inspection Committee for Deliveries of Procured Goods and Reiteration of Committee Functions The Monitoring Committee shall: a) supervise on-going infrastructure projects of the University for construction and repair; b) ensure that schedules, scope of work, and other project specifications are properly followed and/or implemented; and c) submit periodic monitoring reports to the President. The Management Inspection Committee shall inspect all deliveries prior to the payment of procured goods and certify the inspection report. The Chairpersons and members of both committees shall serve until June 30, 2008.
2. AM No. 17	July 25, 2007	Reconstitution of the University Bids and Awards Committee (UBAC), its Secretariat and Technical Working Group The UBAC shall serve until July 31, 2008 with the following functions: Advertise and/or post the invitation to bid; Conduct pre-procurement and pre-bid conference; Determine eligibility of prospective bidders; Receive bids and conduct the evaluation of bids; Undertake post-qualification proceedings; Resolve motions for reconsideration; Recommend the award of contracts to the University President; Recommend the imposition of sanctions and the creation of a Technical Working Group; Recommend the use of alternative modes of procurement; and, Prepare procurement monitoring report
3. AM No. 04	February 5, 2007	Authorization of the Sector Vice Presidents to Certify Budget Utilization Requests (BUR) Pertaining to Special Projects Under Their Respective Sector This memorandum aims to make the sector accountable for and to make proper recording/bookkeeping of their respective financial transactions.
C. Special Order (SO)		
1. SO No. 402	November 15, 2007	Amendment of Par. 3 of Adm. Memo No. 18 and Change of the Composition of the Management Inspection Committee
2. SO No. 338	September 3, 2007	This Committee shall ensure that the deliveries are in accordance with the purchase orders (PO). Authorization of Payment of the Honoraria for Actual Teaching Outside and/or in Excess of the Regular Load During the 1 st Semester, AY 2007-2008 The order reiterates the guidelines on faculty workload:



Table 33. Continued.

Issuance	Date Issued	Subject/Purpose
		<p>The order reiterates the guidelines on faculty workload:</p> <ul style="list-style-type: none"> a) All faculty members in the same department/field of specialization should first be assigned the regular load of twenty-one (21) units in accordance with the prescribed course offerings for the semester in a particular degree program; b) The regular load shall be the full-time equivalent composed of the actual teaching load (ETL); c) The additional assignments in administration, research, extension or production, and other instruction-related duties and responsibilities should be covered by special orders issued by the University President; d) Only authorized additional assignments/designations with the prescribed ETL should be credited as actual teaching and given units/hours in computing the overload; e) A maximum of six (6) units excess load shall be paid honoraria based on the formula of the Department of Budget and Management.
D. Office Order (OO)		
1. OO No. 10	September 27, 2007	<p>Creation of a Repair and Inspection Committee and Designating Its Composition</p> <p>This Committee shall evaluate and certify the necessity of repairs and/or replacement of parts of damaged equipment, facilities and other University properties.</p>
2. OO No. 07	September 17, 2007	<p>Delineation of Responsibilities of Accounting Personnel and Adoption of a Scheme for Certifying Financial Transactions</p> <p>The highest-ranking accountant shall certify the availability of cash. However, the next lower accountants are also authorized to sign in the absence of the Accountant IV or Accountant III.</p> <p>The responsibility for pre-auditing of transactions is shared between the two employees holding the position of Accountant II: one for general fund and the other for special trust fund.</p>
3. OO No. 06	August 31, 2007	<p>Addendum to Office Order No. 05 Providing for an Alternate Signatory in the Absence of the Vice President for Finance</p> <p>The Vice President for Administration is delegated the authority to approve financial transactions for and in behalf of the University President in the absence of the Vice President for Finance.</p>
4. OO No. 05	August 13, 2007	<p>Delegation of Authority to the Vice President for Finance to Approve/Sign Purchase Orders, Disbursement Vouchers, and Checks Amounting to Php 500,000.00 and Below</p> <p>The Sector Vice Presidents shall sign Obligation Requests, Budget Utilization Requests and Purchase Requests including the Director of Business Affairs and the Financial and Management Officer who will sign these requests from the Business Affairs and Finance Services, respectively, in lieu of the Vice President for Finance.</p> <p>This Office Order supersedes Administrative Memorandum No. 09 dated July 12, 2006 and also increases the signing accountability of the University President to more than Php500,000.00.</p>

Policy Implementation

The implementation of policies follows council or committee deliberations. Institutional policies inclusive of those from the Civil Service Commission (CSC) Department of Budget and Management (DBM) and the Commission on Audit (COA) are considered in making recommendations for council/committee/task forces to assist the University President in making decisions re. employee requests or petitions.

The Chief Administrative Officer (CAO) as regular member of major committee attends meetings of the Administrative Council (AdCo), Business Council, Budget Committee, BAC, Personnel Selection Board (PSB), Scholarship Committee (SC), Discipline Committee (DC), Grievance Committee (GC) and others. The Administrative Office also attends to referrals from the sector Vice Presidents on policy and procedural matters.

ICT System

The University engaged the COA to install the New Government Accounting System (e-NGAS). The Administrative Services Division was involved in the data build up phase in coordination with the Financial Services Division. To date, data on the assignment of ID Nos. to employees according to appointment status, assignment of codes by responsibility center according to the organizational structure, and restructuring of all payrolls beginning July 2007 using the required excel format are available.

Administrative Services

Compensation and benefits

The timely payment of compensation and benefits is brought about by the early preparation of and review of pertinent documents as prescribed by law and the close coordination with the Financial Services Division. The compensation and benefits approved in 2007 include faculty promotion under National Budget Circular (NBC) 461, honoraria for overload and step increments.

There were 84 faculty members who received salary differentials due to promotion resulting from the second cycle evaluation of NBC 461 effective January 2007 charged against savings from personal services (Table 34). The grant of salary differentials was authorized by the University BOR upon recommendation by the University President.

The payment of overload teaching in November and December 2007 was deferred for CY 2008 due to the decrease in 2007 appropriation for honoraria for overload teaching. The faculty workload and overload teaching are closely monitored by the Offices of Administrative Services, Vice Presidents for Academic Affairs and Finance Services.

Step increments were paid monthly to 158 employees entitled to one-step increment for continuous and satisfactory service in a particular position for the last three (3) years in 2007 (Figure 21).



CAS faculty and staff sing their hearts out during the CSC Month Celebration //UPAO



Table 34. Distribution of academic ranks by college of faculty members given salary differentials due to NBC 461 in 2007

College	Professor	Associate Professor	Assistant Professor	Instructor	Total
College of Agriculture	4	7	5	1	17
College of Arts and Sciences	8	12	4	1	25
College of Engineering and Applied Technology	0	3	0	3	6
College of Home Economics and Technology	0	3	1	0	4
College of Nursing	0	0	0	0	0
College of Teacher Education	5	4	1	7	17
College of Veterinary Medicine	0	3	2	1	6
TOTAL	17	35	15	17	84

Other benefits

All other allowable benefits due to qualified permanent employees as per circulars defining such benefits given in 2007 include the productivity incentive bonus (PIB) of Php 2,000.00, clothing/uniform allowance of Php 4,000.00, year-end bonus (YEB) and cash gift of one month + Php 5,000.00, performance bonus (Per B) of Php 1,000.00, collective negotiation agreement (CNA) incentive bonus of Php 16,400.00 and cultural attire allowance of Php 800.00 worth of Benguet cloth.

The CNA incentive bonus sourced out from the

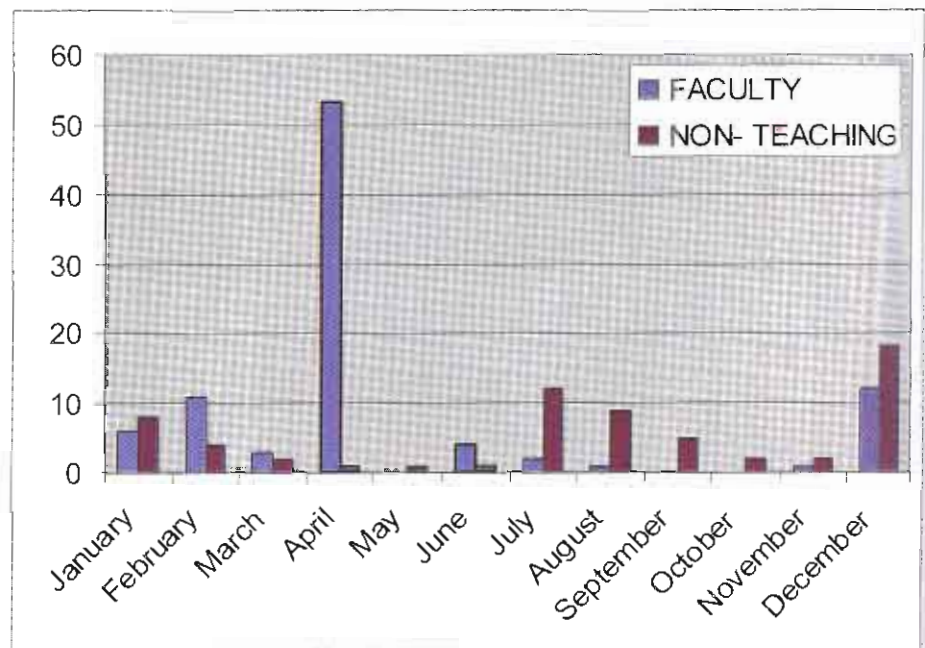


Figure 17. Number of beneficiaries of 2007 step increments

other operating expenses (MOOE) was negotiated between the Faculty Club and the Budget Committee headed by the University President.

Salamat-Paalam Program for retirees

Five "Salamat-Paalam" testimonial program was conducted in 2007 to honor six retirees (Table 35)

Table 35. 2007 retirees who were honored during "Salamat-Paalam" programs

Retiree	Latest Position	Date Honored	Date Retired
1. BALMACEIDA, Florencia	Administrative Aide VI	July 26, 2007	February 3, 2007
2. CASIWAN, Elsie B.	Associate Professor II	July 26, 2007	February 7, 2007
3. FORMARAN, Villa L.	Medical Officer IV	July 26, 2007	July 26, 2007
4. VALENTIN, Julia	Utility Foreman	September 24, 2007	July 26, 2007
5. FERNANDEZ, Perlita	Director, Open University	December 3, 2007	October 26, 2007
6. LAKING, Artemio	Professor III	December 3, 2007	November 1, 2007



The Salamat-Paalam Program gives a venue for retiring employees to share their experiences on government service //UPAO

Other personnel actions

In 2007, there were 22 employees who went on vacation leave without pay, 11 on sick leave without pay and 8 on maternity leave. One employee was suspended; three employees were separated from service due to death and one due to dismissal.

TOTAL HUMAN RESOURCE PROFILE

The total human resource profile is shown in Table 36. With 718 total regular plantilla positions, 599 are in the main campus while 50 and 69 are in the Bokod and Buguias campuses, respectively. There are still 46 and 6 vacant plantilla positions at the main, Bokod and Buguias campuses, respectively. At the main campus, there are 2 executive positions, 318 teaching personnel, 279 non-teaching personnel, 36 contractuels, 14 substitutes and 72 job-orders (Figure 21).

Table 36. Total human resource profile for 2007

	Main Campus	Bokod Campus	Buguias Campus	Total
Total Regular Plantilla Positions	599	50	69	718
Filled Plantilla Positions	553	44	63	640
Vacant Plantilla Positions	46	6	6	58
Total No. of Executive Positions	2	0	0	2
Total No. of Teaching Personnel	318	32	46	396
Total No. of Non-Teaching Personnel	279	18	23	320
Contractuals	36	3	8	47
Substitutes	14	2	2	18
Job Orders	72	2		74

STAFF DEVELOPMENT

To enhance the capability of staff to perform varied administrative functions, staff was encouraged to pursue relevant advance studies and attend trainings, seminars, workshops.

At least 13% of the non-teaching staff have completed graduate studies. On the other hand, four national conferences/trainings and eight regional/local seminar-workshops have been attended by the non-teaching staff in 2007.



In-House Trainings/Seminars

The University entered into a contract with the Civil Service Commission – Cordillera Administrative Region for the conduct of in-house trainings for University personnel with the ultimate objective of improving the delivery of administrative services to clients. Table 37 shows four in-house trainings conducted in 2007 with 137 participants.

Table 37. In-house trainings conducted in 2007

Title of Training	Duration	Venue	Number of Participants
1. Commitment-Building Workshop for New Entrants in Government	October 16-18, 2007	Anthurium Hall	39
2. Capability Building on Administrative Discipline and Grievance Machinery	October 1-4, 2007 (1 st batch)	Anthurium Hall	28
3. Basic Customer Skills Training	October 23-25, 2007	Anthurium Hall	23
4. The New Supervisor: Making a Difference	December 4-7, 2007	Anthurium Hall	24
TOTAL			137



Supervisors take time out and do skits and other activities during a Supervisor Seminar-Workshop related to grievance management.//HRMO

On General Services

Aside from electrical works and repairs, several repairs and maintenance were implemented (Table 38).

Table 38. Construction and renovation works done in 2007

Site	Service	Remarks
1. Administration Building	1. Renovated VPAA cottage	Completed
	2. Renovated Adm. Bldg. for a health-friendly roofing	Completed
	3. Prepared BSU Float for La Trinidad Town Fiesta	Completed
	4. Submitted Load Analysis to BENECO/Admin for approval/budget	On going
	5. Concrete perimeter fencing at the Poultry Project	Phase I completed
	6. Constructed Security Barracks-Balili	90% completed
	7. Constructed covered walk from OSA to Admin	On going
	8. General cleaning of water tank	Completed
	9. Perimeter fencing at the Medical Clinic and Anthurium Hall area	Completed
	10. Reconstructed urinary bowls for men and women	Completed
2. College of Arts and Sciences	1. Installed computer outlets and lighting system	Completed
	2. Repaired Mini-theater	On going
3. College of Agriculture	1. Constructed sound-proof ceiling for mini-theater	Completed
	2. Partitioned CA office	Completed
4. College of Teacher Education	1. Constructed covered walk and CR at the ELS	Completed
	2. Renovated Agriculture and Industrial Bldg. at ELS	Completed
	3. Fabricated Steel gates at ELS and SLS	Completed



Table 38. Continued.

Site	Service	Remarks
	4. Constructed mini-greenhouse for herbal garden at SLS	Completed
	5. Constructed computer tables and painting of rooms at SLS	Completed
	6. Fabricated works for steel bench at ELS	On going
	7. Concrete fencing of SLS	Completed
	8. Constructed separate CR's, tiling and piping	Completed
5. College of Forestry	1. Repaired partitions, doors and windows	Completed
	2. Installed gate	Completed
	3. Repair of CR's	Completed
6. College of Nursing	1. Partitioned corridor for classrooms	Completed
	2. Constructed laboratory rooms and repiped busted pipes	Completed
	3. Renovated corridor for classroom	Completed
7. College of Veterinary Medicine	1. Tiled Audio Visual room	On going
	2. Tiled Deans Office and rooms	On going
8. College of Home Economics	1. Repaired classrooms	Completed
	2. Partitioned rooms	Completed
	3. Repaired CR of men and ladies	Completed
	4. Changed busted bowls, pipes and faucets	Completed
9. Institute of Physical Education	1. Reconstructed clogged CR's at both gyms	Completed
	2. Installed new bowls, pipes and faucets	Completed
	3. Painted covered walk from Gym to OSA	Completed
10. Office of the Student Affairs (OSA)	1. Repaired CR's at 1 st and 2 nd floor (tiling, painting, etc.)	Completed
	2. Renovation of office at 1 st and 2 nd floor (partitioning and painting)	Completed
11. NSTP	1. Completed repair and painting of office	Completed
13 NPRCRTC	1. Repaired greenhouse for stem-cutting	Completed
	2. Repaired sterilization shed	Completed
	3. Partitioned laboratory rooms at 1 st floor	Completed
14. UBA/IGP	1. Repaired pipe lines at Bakery Project	Completed
	2. Repiped PCCARD and Home Management cottages	Completed
	3. Repaired CR of Boys and Girls Dorm	Completed
	4. Submitted readings of water meter in IGP and cottages	Completed
15. BSU Mushroom Project	1. Repaired growing house	Completed

SECURITY AND SAFETY SERVICES

Administrative Policies Developed and Implemented

- Weekly meeting and briefing to assess weeklong security activities
- Monthly rank formation and inspection of guards to inspect guards bearing and preparedness, courtesy and discipline, status of their security equipment
- Schedule and shifting of plantilla guards to give way and maximize distribution of Agency guards in the four posts vacated by plantilla guards reassigned to overall roving and inspection posted agency guards

Physical Development

- Placement of perimeter fences at the back of University buildings
- Placement of firebreaks at Post 10 (Tabangaoen Alumni Grove) and at Post 13 (CIP Agroforestry Area)
- Bivouac or group method of patrolling at least monthly or bi-monthly
- Conversion of LEILA Shed into Security Barracks at Rocky Hill, Balili, La Trinidad, Benguet

Linkages

- Linkages were made with the Barangay Balili Civilian Volunteers Organization (CVO) peace-keeping



force of the community, La Trinidad Police Station, La Trinidad Fire Station, Office of the Civil Defense – Cordillera Disaster Coordinating Council (OCD_RDCC) and offices in the University: OSA, GSO and SSG. Good rapport was maintained with the two security guard agencies providing the agency guards in the University as demonstrated during commencement exercises and big occasions.

Staff Development

Table 59 shows the staff development activities implemented for security and safety reasons ranging from earthquake drills, in-service training and seminars.

PUBLIC AFFAIRS

Media affairs

The University Public Affairs Office (UPAO) monitors, publishes and airs articles about the activities of the University. There were 33 articles released in 2007 in both national and local newspaper written by reporters and staff of UPAO (Table 39).

Table 39. Articles released in national and local newspapers in 2007 re. University activities

Article	Writer	Newspaper	Date
1. BSU alumnus in TOSP top 30	UPAO	Midland	07-15-2007
2. BSU to become globally competitive	UPAO	Zigzag	5-28-2007
3. BSU mentor wins international best poster tilt	UPAO	Midland	5-27-2007
4. BSU park offers hope to wildlife	UPAO	Midland	5-27-2007
5. BSU researches now evaluated for grant	UPAO	Midland	5-27-2007
6. CIERDEC holds training on food	UPAO	Midland	5-27-2007
7. Potato clones out soon in markets	UPAO	Midland	5-27-2007
8. Pinyons need to eat more roots, veggies	UPAO	Midland	5-27-2007
9. Healthy mushroom recipe bared	UPAO	Midland	5-27-2007
10. Coop in LT blooms due to cutflowers, veggies	UPAO	Midland	5-27-2007
11. Two BSU mentors awarded by scientific organization	UPAO	Zigzag Sunstar Midland	4-22-2007 4-18-2007 4-15-2007
12. BSU leads performance rating of state	UPAO	Midland Reporter High Plains	2-18-2007 2-18-2007 2-18-2007
13. BSU ILC enhances English proficiency	UPAO	Midland Reporter High Plains	2-11-2007 2-11-2007 2-11-2007
14. BSU bags grand prize in search for best	UPAO	High Plains Reporter	2-11-2007 2-11-2007
15. BSU dominates schools' Olympics	UPAO	Sunstar	2-05-2007
16. BSU shows potato study	UPAO	N. Dispatch Midland Sunstar Reporter Isyu Ngayon	2-04-2007 1-14-2007 1-14-2007 1-14-2007 1-14-2007
17. BSU students host devcom conference	UPAO	Reporter Midland	1-14-2007 1-14-2007
18. BSU set to establish organic certification system	Joel Belinan	Zigzag	2-18-2007
19. BSU to accredit organic farmers	Susan Aro	Midland High Plains	2-18-2007 2-18-2007
20. BSU saves native ritual pig in park	ME Catajan	Zigzag	1-28-2007
21. In and Out Baguio Column	Cecile C. Afable	Midland	1-21-2007

Table 37. Continued...

Article	Writer	Newspaper	Date
22. Organic farming offers a silver lining in agriculture	Ma. Elena Catajan	Malaya	1-17-2007
23. Cosalan speaks in BSU Day	Ed Dela Cruz	Midland	1-14-2007
24. Going healthy with greens	ME Catajan	Zigzag	1-14-2007
25. BSU food tech opens to public	Susan Aro	Reporter Pulso	1-07-2007 1-07-2007
		Midland Sunstar	1-07-2007 1-06-2007
26. Organic agriculture gets boost from BSU	Joel Belinan	Zigzag	1-07-2007
27. No tuition fee hike for BSU	Joel Belinan	Zigzag	1-07-2007
28. BSU to mark 21 st Charter Day	Leia Castro	Midland	1-07-2007
29. BSU to convert nature park as "Zoobic safari"	Ed Dela Cruz	Midland	1-07-2007
30. College Entrance exams for BSU to start on Jan 22	Leia Castro	Midland	1-07-2007
31. Producing employers, not just employees	Maurice Malanes	Inquirer	6-05-2007
32. Benguet U to protect Cordillera ecosystem	Delmar Carino	Inquirer	1-06-2007
33. Research studies aim for protection of ecology	Hannah Lacsamana	Manila Times	1-06-2007

Visitor Services

The office drafted the 2007 Info Kit as guide to visitors. It accommodated 2, 872 visitors whose visits were coordinated with the specific sectors of their interest. Majority (92%) of the visitors came from outside the Cordillera Administrative Region (CAR) to include SUCs and private and public high schools, 4% came from CAR and 1% from outside the country (Figure 22)



The academic sector examining the strengths, weaknesses and recommendations of BOR (2007) for action by the sector//PDO

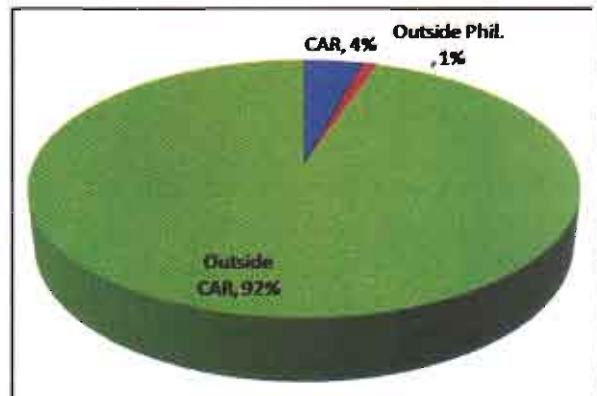


Figure 18 .BSU Visitors in 2007 by place of origin.

PLANNING AND DEVELOPMENT

- Prepared BSU 2006 Annual Report
- Served as secretariat of the Business Council
- Conducted Monitoring and Evaluation Training for the M & E Team and VPs, Deans and Directors

The first part of the planning workshop to review the BSU Strategic Plan (2003-2011) was conducted at NPRCRTC, BSU on October 16, 2007 and continued at River View Park, Nangalisan, Asin, Tuba, Benguet on October 17-18, 2007. The completion of the workshop was scheduled for the following year due to intervening activities in the University inclusive of the first special mid-year commencement exercises, AACCCUP accreditation preparation and Christmas activities.

LAND RESERVATION

With Other Agencies and Claimants at BSU Reservation

- Assisted LGU-La Trinidad and LGU-Benguet in the relocation survey to determine the boundary between Benguet General Hospital and LGU-La Trinidad.
- Assisted Department of Agrarian Reform – La Trinidad in the identification of their area of jurisdiction over BSU lot at Bato, Puguis, La Trinidad.
- Coordinated the inspection of the released BSU housing project site at Ampasit by concerned agencies and followed up the subdivision plan requirements with DENR in connection thereto.



- Facilitated MOA between BSU and claimants at BSU reservation into sayote production: MOA accomplished with Baguio at Wangal but issued dismantling of structure erected by Ceing on January 4, 2008, cease and desist orders to Erong and Walang to stop illegal activities.
- Verified the reported construction by Neria in Lot 9-B, PSU 202030 of BSU reservation and found the said lot titled in the name of Neria; case was filed by Solicitor General for the cancellation of the title.
- Verified the case of resigned BSU employee Quirante who published his housing unit for auction sale by Rural Bank of Lingayen (RBL), Pangasinan; BSU filed petition to Benguet Provincial sheriff and Manager of the RBL to forego the auction.
- Attended hearings at Barangay Hall of Puguis, La Trinidad and Municipal Trial Court, La Trinidad re. cases filed by Cala-en and Fagyan, respectively, against BSU employees.

Within the Main Campus

- Assisted the University Business Affairs (UBA) Office in identifying and measuring areas for IGPs.
- Facilitated Clean and Green activities implemented by the colleges and NSTP within the University reservation.
- Coordinated the prevention of forest fire at Tabangaoen, Balili and other areas in the reservation.
- Assessed the value of cottages of retired employees Balcomeda and Piluden and resigned employee Lartec before turnover to successors.
- Inspected problematic housing unit of Beroya in Balili; illegal housing of Cala-en at Ampasit reservation which was given cease and desist order and eventually was dismantled on February 15, 2007; housing units at Bektey, Puguis which were eventually turned over to qualified applicants; and lots needing certification.
- Recommended approval of barangay road construction at Agroforestry Complex in Ampasit inspected the perimeter fence destroyed by Typhoon Egay at Balili.
- Surveyed the lot leased by CHED-CAR within Lot 6 at Cabanao, Balili and the parking lot leased by the Living Ministries at Swamp Area, Betag.
- Recommended site for flood control project by DPWH at Balili.

SPECIAL PROJECTS

Philippines Institutional University Cooperation Program (PIUC)

Capability building

The PIUC program sponsored attendance of BSU administrators, faculty members and researchers to seven (7) international, eight (8) national, one (1) regional and five (5) local capability-building activities. International events included conferences on administration, ICT and scientific discussions; symposium on crop protection discoveries and networking visits. The national events included trainings for executives on finance and librarians for library management; congress on vegetable science discoveries/updates conferences on pest and crop management and convention on updates on organic agriculture. The local events included capability building for barangay leaders and proposal writing, levelling and team building, and training-workshop on project management for BSU personnel.

Equipmentation and library brochures and books

The PIUC program contributed greatly to the equipmentation of the University ICT, library and two (2) research institutes: Institute of Social Research and Development (ISRDC) and Semi-Temperate Vegetable Research and Development Center (STVRDC). The equipment include eleven (11) units of computer desktop and one unit of laptop for ICT, the multimedia and sound system for the content of trainings, a high-end work station for LAN TEEAL among others.

For brochures in the library, 500 copies of Library Manual, 2000 copies Student Guidebook and 2,500 copies of Library brochure were purchased for library sciences and orientation of freshmen students.

Scholarship and thesis assistance

PIUC provided full scholarship for PhD History (S. Anongos) at UP Diliman (2004-2008) and PhD Biological Sciences (Agricultural Economics) at the University of Ghent, Belgium for Leopoldo Tagarino (2005-

2009), PhD Nematology for N. Pedroche at Universiteit Leuven, Belgium and PhD Postharvest for H. Quindara at UP Los Banos. There were six (6) international research aides at BSU and two (2) at SLU under the MS Scholarship Program. Thesis assistance were provided to E. Lascano, F. Calias and M. Ricardo on library science.

Completed researches

For the two research institutes, three and two researches were completed at ISRD and STVRDC, respectively.

ISRD

- Innovation in the Vegetable Sector in Northern Philippines
- Product and Market Development of Lemon grass
- Innovation Potentials in MSMEs in CAR

STVRDC

- Balanced Fertilization Strategy for Semi-temperate Vegetable in the highlands
- Micropropagation: An Alternative to Seed Importation

On-going researches

There were four (40 on-going researches at ISRD and six (6) at STVRDC.

International Language Center (ILC)

There were 58 Koreans from five (5) universities who graduated from ILC in 2007 who were taught by 25 tutors with high level of proficiency in both spoken and written English (Figure 19). As part of the graduates exposure, they were taken to Hundred Islands in Alaminos, Pangasinan. Some took an additional trip to Sagada, Mt. Province.

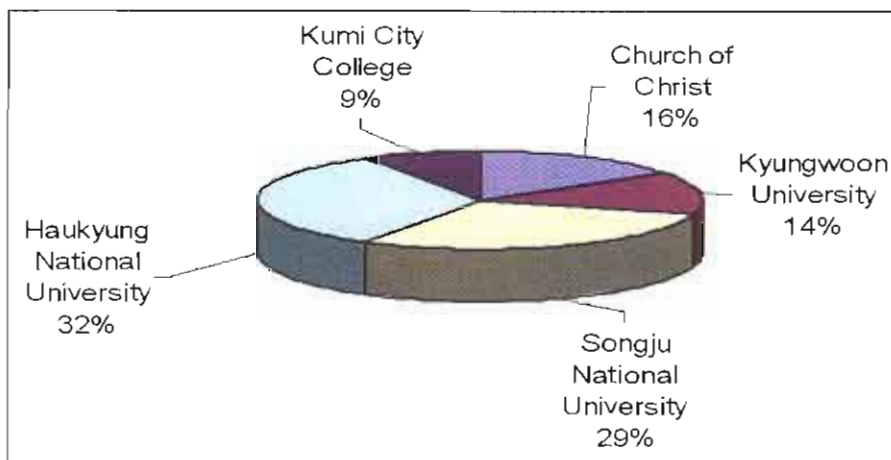


Figure 19. Korean universities which sent their students to learn English at ILC in 2007



HAPPY FEET. Korean students from the International Language Center try their feet on Philippine Native dances// ILC

Biodiversity Program

- Construction of three Bahay Kubo at the Nature Park
- Improvement of the foot trails going to the project sites
- Landscaping of specific sites of the Nature Park
- Maintenance of ornamentals planted at the Nature Park
- Gathering of physiological data from experimental animals
- Maintenance of live animals at the TANGERE Project
- Maintenance of flora and fauna at the Insectarium Project, Tree-Bamboo-Rattan Garden Project, Soil and Water Conservation Demo Forum and Medicinal Plants Project



- Accommodation of visitors to the Nature Park

The component projects of the program were continuously developed for the maintenance of the Nature Park as an eventual legacy to the future generation. Several pupils and students visit the area.

The coffee project with Figaro has been revived.



The BSU organic farm at Balili/UPAO

Organic Agriculture Program

To hold true to its commitment as a potent force for change and eventually serve a center of excellence in organic agriculture, the University integrates the principles and application of methods and practices in organic agriculture (OA) to its four-fold functions of instruction, research, extension and production. The concept in OA was integrated into the College of Agriculture curricula in agriculture and agribusiness along subjects in soil science, agricultural economics, entrepreneurship, horticulture, plant pathology, entomology, agronomy and agroforestry. Along this line, a volunteer of the Australian Youth Ambassador for Development (AYAD), Mr. John Paul Taberna, came in this year to assist in the preparation and eventual preparation of training designs and curriculum in OA.

Researches along the use of biological control agents and mulching materials for the management of major strawberry diseases, database on organic farming in CAR, sustainable production of organic products and environmental benefits of organic farming are underway.

The nursery for organic seedlings and the healing garden or organic park has been maintained.

Trainings have been continually conducted on the organic production of vegetable and other crops, mushroom production, natural farming systems and composting. The program has been a co-sponsor of the Organic Agriculture Symposium for Northern Luzon.

Geographic Information System

- Continuous updating of the BSU campus map
- Printing of maps as requested
- Mapping of the identified CICT i-schools in the Philippines
- Conduct of basic GIS training using Arcview 3.2 to forestry students
- Printing of posters and streamers for University Charter Day, AACCCUP accreditations, seminars and trainings
- GIS inventory of trees in Alno
- GIS lecture and laboratory of concerned students

International Relations Office

Memoranda of Understanding (MOUs) forged

Two MOU's were signed with Jyeong Sang Byuk-Do Province of South Korea and Princess of Narathiwat University (PNU) of Thailand at the University on January 15, 2007 and July 30, 2007, respectively. The first MOU was initiated with \$300 donation of Gov. Sun Kilkim for two-year free tuition scholarship of two College of Forestry students. The second MOU aims to promote faculty, staff, researcher and student exchange and sharing of academic and research information. Thus, Pres. Chongrak Palassi and party of PNU met with BSU officials on December 3, 2007 to discuss joint undertakings to be formalized soon.



MOU signing between BSU President, Dr. Rogelio D. Colting (left) and Governor Sun Kilim (middle) on January 15, 2007 at the BSU AdCoR./OP



Dr. Laws giving his lecture at the ICT//PIUC

Foreign lecturers at BSU

Two lectures by Dr. Kevin Laws, Associate Dean for International Relations of the Faculty of Education and Social Work, University of Sydney, Australia and Dr. Ji Gang Kim of the National Horticulture Research Institute, South Korea were delivered to BSU students and personnel on February 7, 2007 and March 1, 2007, respectively. Dr. Laws discussed "Building Communities of Learning" while Dr. Kim talked about "Food Safety Measure for Fresh Cut Vegetables". The visit of Dr. Laws resulted to a prospect joint research and Australian student practicum at BSU.

Korean students at BSU

More than 40 students from Sangju National University and the Kyon Woon University in South Korea came for English Learning in coordination with the International Language Center of BSU. In January, 2007. Moreover, three Korean students are taking up undergraduate courses in English courses.

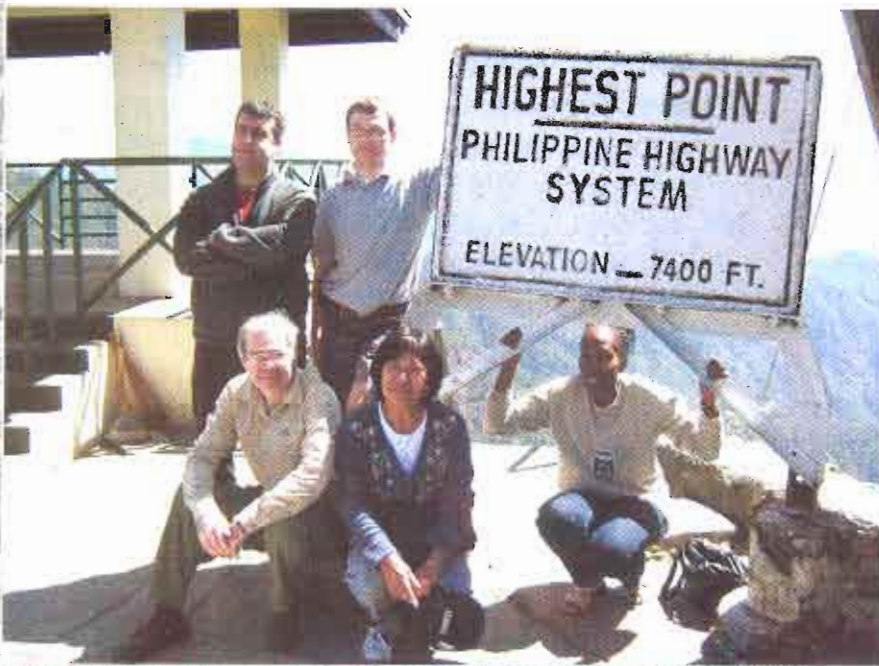
PUIC visits at BSU leading to research/project proposals

Visits from Belgium: Prof. Dr. Tom Dhaene, University of Antwerp; Prof. G. Janssens, University of Hasselt; Prof. Raf Dekeyser and Dr. Jo Rademakers, Catholic University of Leuven; and Dr. Katherine Getao from the University of Nairobi, Kenya were at the University on February 12-14, 2007 for the ICT Congress conducted by SLU/BSU and which culminated with a possible joint activity for North-South funding from VLIR. This finally resulted to a proposal on "joint Research for the Supply Chain Management of Cutflowers in the Philippines and Vietnam" and a joint ICT Project for faculty and staff development in ICT submitted to VLIR, Belgium

Potential joint training for Bhutan students at BSU

The International Center for Development Communication of Kasetsart University in Thailand is pursuing a possible tie-up for a joint training for diploma students from Bhutan this June 2007. Details of the collaboration are being ironed out.

BSU became a member of the Association of Southeast Asian Institution of Higher Learning (ASAIHL) on September, 2007.



The Belgian and Kenyan visitors in a tour of some parts of Benguet //PIUC

International membership of BSU

In relation to such membership, Dr. R. D. Colting and Dr. D. Tagarino attended the 2007 ASAIHL conference in Perth, Australia on December 5-7, 2007. Theme: "Leadership for Globalization in Higher Education: Lessons and Opportunities".

International benchmarking

Benchmarking with University of Putra Malaysia and Universiti of Malaysia in Kuala Lumpur was done by Pres. Rogelio D. Colting, VP-Finance Darlyn D. Tagarino and IRO Director, Erlinda B. Alupas on December 9 to 11, 2007.



Dr. Rogelio D. Colting and Dr. Darlyn D. Tagarino having a meeting with University of Malaysia officials//OP

International paper presentation

Paper presentation on Market Potentials of Organic Crops was presented by BSU Pres. R. D. Colting during the International Society of Southeast Asian Agricultural Science (ISSAAS) Conference in Melaka, Malaysia on December 12 to 14, 2007. Theme: "Agriculture is a Business."

SUC Alliance with the Commission on ICT/ Regional ICT Center

• Planning workshop for the implementation of project Digitalization of Commercially Viable Research Outputs for the Technology Livelihood Education (TLE) in Support to the Basic ICT Education was conducted at the CICT, Diliman, Quezon City on March 27, 2007. Activities identified were:

- Benguet State University– Tissue culture of cutflower planting materials
- Cavite State University– Coffee Processing (Aguinaldo Brew)
- Bicol University– Pili Nut Processing
- Aklan State University– Piña cloth weaving
- Western Philippines University– Cashew Processing



Dr. R. D. Colting (with microphone) answering questions from the audience after his presentation//OP

The project had a budget of Php 1.8M per SUC and it will start on the last week of June 2007 for a period of eight (8) months. Overall framework of the project is values formation for future researchers, skills development, social entrepreneurs and shall complement the Technology Livelihood Education.



UNIVERSITY OFFICIALS 2007

OFFICE OF THE PRESIDENT

- COLTING, ROGELIO D. - University President
TIPAYNO, Alfredo C. - VP - Administration
CALORA, Feliciano G., Jr. - VP - Academic Affairs, January - July
MERESTELA, Tessie M. - VP - Academic Affairs, August - December
MADDUL, Sonwright B. - VP - Research and Extension
TAGARINO, Darlyn D. - VP - Planning, Development and Business Affairs, January - July
COTIW-AN, Basito S. - VP - Finance, August - December
PANANGON, Albert B. - Executive Dean, BSU - Buguias Campus
LUIS, Janet S. - Executive Dean, BSU - Bokod Campus
MARQUEZ, Wilma L. - Director, Planning and Development Office, August - December
ALUPIAS, Erlinda B. - OIC, University Public Affairs and Alumni Office
BOLINTO, Violeta B. - Director, International Relations Office
Chief, Internal Audit Services

ACADEMIC SECTOR

- CADATAL, Macario D. - Dean, College of Agriculture
CASTRENCE, Natalia V. - Dean, College of Veterinary Medicine (CVM), January - July
DIANSO, Joseph A. - Dean, College of Veterinary Medicine (CVM), August - December
LARUAN, Kenneth A. - Dean, College of Forestry
LUBRICA, Percyveranda A. - Dean, College of Teacher Education (CTE), January - July
LARUAN, Mary Jane L. - Dean, CTE, August - December
ONG, Susan H. - Dean, College of Nursing (CN), January - July
MACASIEB, - OIC, CN, August - December
SOMYDEN, Ma. Corazon A. - Dean, College of Home economics and Technology (CHET), January - July
BALAOING, Lory C. - Dean, CHET, August - December
TOLEDO, Marilyn B. - Dean, College of Arts and Sciences (CAS), January - July
SANDOVAL, Aurea Marie M. - Dean, CAS, August - December
TEOFILO, Alfredo T. - Dean, College of Engineering and Applied Technology (CEAT), January - July
MOLINTAS, Edgar M. - Dean, CEAT, August - December
RIMANDO, Teofilo C. - Director, Institute of Physical Education (IPES), January - July
CORPUZ, Estrelita N. - Director, IPES, August - December
MERESTELA, Tessie M. - Dean, Graduate School (GS), January - July
LUBRICA, Joel V. - Dean, GS, August - December
FERNANDEZ, Perlita J. - Director, Open University (OU), January - July
CHUA, Edna A. - Director, Office of Student Affairs
COLTING, Lita M. - University Registrar, January - July
ATINYAO, Marlene B. - University Registrar, August - December
QUIJANO, Grace D. - Director, University Library Services
FORMARAN, Villa L. - Chief, Medical and Dental Services (MDS), January-July
POLTIC, Florence V. - Director, MDS, September-December
VICTOR, Florencia C. - Director, Sentro ng Wikang Filipino
REBOLLEDO, Ria - Editor-in-Chief, Mountain Collegian, January-May
BOLINTO, Rubylena - Editor-in-Chief, Mountain Collegian, June-December
COMPIPIS, Roldan P. - President, Supreme Student Government
LUMA-ANG, Carlos P. - President, Faculty Club (FC)

FINANCE SECTOR

- ABEN, Silvestre K. - Director, University Business Affairs (UBA), January - July
DIEGO, Ruth C. - Director, UBA, August - December
ALAGAO, Ludivina O. - Chief, Budget Office, August - December
RAPUSO, Mary Joy S. - OIC, Finance Division, August - December
RAMOS, Imelda G. - OIC, Accounting Office, August - December



COILAN, Nicanra J. - Chief, Supply and Property Management Office, August - December
 DOMINGO, Norma P. - Acting Head, Cashiering Office, August - December

ADMINISTRATION SECTOR

TIPAYNO, Alfredo C. - University Vice President for Administration
 ESTEBAN, Emilia M. - Chief Administrative Officer
 GRANDE, Wagner F. - Chief, Human Resource Management Office & President, BSUNTA
 LIMPIN, Victoria L. - Chief, Records Office
 COILAN, Nicanra J. - Chief, Property & Supply Management Office, January - July
 RAPUSO, Mary Joy S. - OIC, Finance Division, January - July
 RAMOS, Imelda G. - OIC, Accounting Office, January - July
 ALAGAO, Ludivina O. - Chief, Budget Office, January - July
 DOMINGO, Norma P. - Acting Head, Cashiering Office, January - July
 BANDAAY, Phillip P. - Director, General Services
 ANTONIO, Samson S. - Chief, Motor Pool, January - July
 BASQUIAL, Chrisanto P. - Motor Pool, August - December
 BENGWAYAN, Grace T. - Chief, Office of the University Board Secretary
 BULIYAT, Marcos A. - Director, Land Reservation Office
 ANGIWAN, Matias C., Jr. - Chief, Legal Office
 WILLIS, Mary D. - COA Resident Auditor, January-July
 MENDOZA, Elizabeth L. - COA Resident Auditor, August-December
 COMILA, Felipe S. - President, BSUEA
 KISWA, Ambo D. - Vice President, BSUNTA

RESEARCH AND EXTENSION SECTOR

MADDUL, Sonwright B. - Vice President for Research & Extension and Director, HARRDEC
 LAUREAN, Carlito P. - Director, Research Services
 SOLIMEN, Julia A. - Director, Extension Services
 LUIS, Janet S. - Director, Training Services, January - July
 ALIPIT, Percival B. - Director, Horticulture Research and Training Institute (HORTI)
 DAGUPEN, Marie Klondy T. - Director, Institute of Social Research & Development (ISRDC)
 DATI, Johnny G. - Director, Northern Philippines Rootcrops Research & Training Center (NPRCRTC)
 LIGAT, Julio S. - Director, Institute of Highland Farming System & Agroforestry (IHFS), January - July
 MACANES, Valentine L. - Director, IHFS, August - December
 VILLANUEVA, Luciana L. - Director, Semi-Temperate Vegetable Research and Development Center (STVRDC)

Production Staff

Janet S. Luis (PDO) Synthesis of sectoral annual reports. **Jimmilen S. Zuñiga** (PDO) Incorporation of corrections and encoding of first draft. **Carolyn L. Busongan** (PDO Volunteer) Incorporation of corrections and encoding of second draft. **Jennyline S. Tabangcura** (UPAO) Lay-out and design. **Emily P. Salazar** (UPAO) Logistics.

We would like to acknowledge all writers of annual reports from the different colleges, offices and research institutes.

VISION, MISSION, GOALS AND OBJECTIVES

VISION

A premier state university in Southeast Asia

MISSION

To develop people imbued with excellence and social consciousness and who actively generate and promote environment-friendly technologies that improve the quality of life

GOALS AND OBJECTIVES

1. To provide quality education that produces well-rounded individuals
 - To provide quality instruction, services and facilities to students
 - To develop competent and committed faculty as educators
 - To develop competent and committed students
 - To upgrade curricular programs
2. To provide quality and responsive R and E services
 - To generate and disseminate appropriate knowledge and technologies that support sustainable resource development
 - To strengthen the capabilities of R and E services
 - To expand and strengthen local and international linkages
 - To improve RDE governance
3. To strengthen and enhance institutional revenue-generating capability towards self-reliance
 - To have economically productive viable IGPs
 - To expand IGPs
 - To inventory all assets with corresponding valuation
4. To establish competent and effective services geared towards efficiency and economy
 - To provide policy direction and support to development
 - To provide efficient human capital development utilization and management
 - To provide state of the art infrastructure, facilities and information system
5. To strengthen and expand harmonious and synergistic University-Community relationship
 - To sustain strong University relations with the alumni and public
6. To inspire and boost the moral of the BSU constituents for greater performance
 - To enjoin all constituents of the University to adopt Core Values both in the workplace and in public places
 - To reward and maintain performing human capital

