

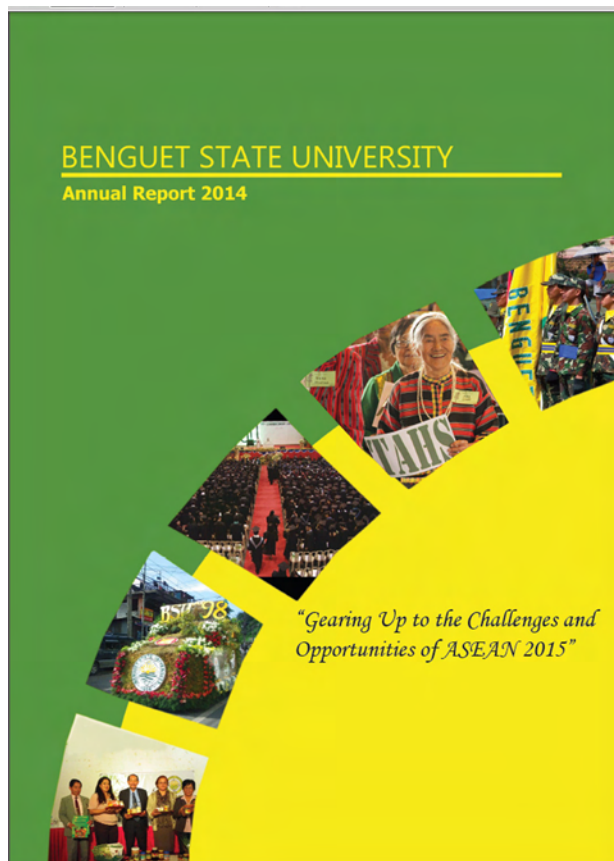
# BENGUET STATE UNIVERSITY

Annual Report 2014



*“Gearing Up to the Challenges and Opportunities of ASEAN 2015”*





### ABOUT THE COVER

The cover portrays BSU in simple yet great moments in the year 2014. The five photos (from top) show BSU-ROTC Cadets standing at attention as they become the champion of the Regional Annual Administrative Tactical Inspection for the third consecutive year; an alumna of BSU then the Trinidad Agricultural High School coming back to join the celebration of her Alma Mater's 98th Foundation Anniversary; graduates about to receive their hard-earned diplomas; BSU making its presence known to the community through a float parade and BSU officials presenting the best products BSU has to offer to the public. These represent the concerted efforts of the BSU family towards becoming a premier State University in Asia.



Republic of the Philippines  
BENGUET STATE UNIVERSITY  
La Trinidad 2601, Benguet  
[www.bsu.edu.ph](http://www.bsu.edu.ph)

March 20, 2015

HIS EXCELLENCY BENIGNO SIMEON AQUINO III  
President  
Republic of the Philippines  
Malacañan Palace, Manila

Dear Mr. President:

Respectfully submitting herewith the 2014 Annual Report of Benguet State University. The report summarizes the University's accomplishments in our major final outputs (MFOs); tertiary and advanced education; research and extension; general administration and support services. It also highlights our efforts aligned with the five pillars of the Philippine Development Plan (2011-2016).

Thank you very much.

Very truly yours,

A handwritten signature in blue ink, appearing to read "Ben D. Ladilad", with a long, sweeping flourish extending to the right.

BEN D. LADILAD, PhD., CESO III  
University President

# FOREWORD



The University set a new milestone in 2014 – enrolment in the first semester exceeded 10,000 students for the first time. These students trust our University to provide them quality tertiary and advanced education at not so high a cost. Our primary mission is for these students to graduate educated and learned, equipped to be of service to the nation and the globe. It is for them that we continue to strive to pursue excellence in our services despite many challenges.

With the diligent efforts of our academic managers, faculty and staff, our graduates performed well in licensure examinations. In nine out of our ten board programs, BSU passing rate surpassed the national passing rate. The university also strived to maintain or attain higher accreditation levels, a measure to ensure quality teaching and learning. We still dream of having centers of excellence and that is why we put value in upgraded laboratories both for teaching and research, enhanced curricula of our degree programs, and improved faculty profile. Finally, to walk the talk in inclusive education, we increased the roster of scholarship donors, sustained the offering of ladderized programs and strived to empower our satellite campuses.

BSU also continues to impact highland agriculture development through its pursuit of excellence in research and extension. Our faculty and researchers published a substantial number of research papers and copyrighted brochures. At least seven papers were published in ISI-indexed journals. A key milestone this year is the confirmation of the BSU Research Journal as CHED accredited research journal. On extension, our products and the knowledge and expertise of our faculty and staff continue to impact our farms via the extension strategies of our university. We hope to further strengthen our impact beyond the farm towards the whole value-chain with the near completion of the Agri-based Technology Business Incubator Center (ATBI) and the BSU co-owned Benguet Agripinoy Trading Center (BAPTC).

All these headways have come about not only because of the passion and commitment of our faculty and technical staff, but also owing to the concerted efforts of our Board of Regents, Administration and support units. I thank them all and thank our stakeholders and partners. This report gives us an opportunity to reflect on how far we have achieved our missions and vision. And to this, I say: where we have blundered, let us learn; where we have failed, let us try again; where we have achieved, let us do more; and where we have greatly succeeded, let us be gripped with humility and grace.

A handwritten signature in blue ink, which appears to read "Ben D. Ladilad". The signature is fluid and cursive, written over a white background.

BEN D. LADILAD, Ph.D., CESO III  
President



# TABLE OF CONTENTS

	<i>Page</i>
Cover Letter . . . . .	i
Foreword . . . . .	ii
Table of Contents . . . . .	iii
List of Tables . . . . .	v
List of Figures . . . . .	vi
List of Acronyms . . . . .	vii
Executive Summary . . . . .	viii
<b>I. INTRODUCTION . . . . .</b>	<b>1</b>
<b>II. SUCCESS STORIES ALONG FIVE MAJOR GUIDEPOSTS IN THE PHILIPPINE DEVELOPMENT PLAN 2011-2016 . . . . .</b>	<b>3</b>
<b>III. TERTIARY AND ADVANCED EDUCATION . . . . .</b>	
A. Enrollment . . . . .	9
B. Graduation . . . . .	9
C. Awards . . . . .	13
D. Performance in Licensure Examinations . . . . .	15
E. Program Accreditation and Curriculum Development . . . . .	14
1. AACUP Accreditation . . . . .	16
2. Curriculum Development . . . . .	18
F. Auxiliary Services . . . . .	18
1. Student Services and Scholarships . . . . .	18
2. Library Services . . . . .	21
3. Health Services . . . . .	22
4. Registrar's Services . . . . .	22
5. Information and Communication Technology Services . . . . .	23
<b>IV. RESEARCH AND EXTENSION SERVICES . . . . .</b>	
A. Research and Development Activities . . . . .	25
1. Researches Completed . . . . .	25
2. Research Papers Presented . . . . .	25
3. Research Papers Published . . . . .	25
4. Copyright Protection . . . . .	26
B. Extension Activities . . . . .	
1. Training and Outreach . . . . .	27
2. Technical Advisory Services . . . . .	29
3. Technology Piloting and Demonstration . . . . .	29
4. Technology Packaging, Publication and Information . . . . .	32
5. Commercialization . . . . .	33
6. Monitoring and Evaluation . . . . .	33
C. Research Development and Extension Management . . . . .	
1. Board Resolutions Supporting Research and Extension . . . . .	34
2. Linkages . . . . .	35
3. Equipment/Facility Upgrading . . . . .	38

**V. GENERAL ADMINISTRATION AND SUPPORT SERVICES**

**A. DEVELOPMENTS AT THE ADMINISTRATION FRONT**

1. Changes in the Governing Board . . . . .	40
2. Information Dissemination . . . . .	40
3. Planning and Monitoring . . . . .	40
4. Safeguarding the BSU Land Reservation . . . . .	41
5. Legal Services . . . . .	41
6. Human Resource Development . . . . .	41
7. Procurement Services . . . . .	47
8. Internal Audit . . . . .	48

**B. FINANCIAL RESOURCES**

1. Funding . . . . .	49
2. Obligation/Allotment or releases . . . . .	49
3. Financial Report . . . . .	49
Statement of Financial Position . . . . .	49
Statement of Financial Performance. . . . .	51

**C. INCOME GENERATING PROJECTS (IGPs)** . . . . . 52

1. Income Generated CY 2011-2014 . . . . .	52
2. Net Income/Loss from CY 2011 - 2014 . . . . .	53
3. Good Practices . . . . .	53

**APPENDICES** . . . . . 55

A. Enrollment Data in the Main Campus . . . . .	55
B. Students who Participated in Competitions . . . . .	57
C. List of Completed Researches . . . . .	64
D. List of Papers Presented . . . . .	67
E. Awards and Recognition Received by BSU Researchers . . . . .	73

# LIST OF TABLES

## TERTIARY AND ADVANCED EDUCATION

Table 1. Number of teaching and non-teaching employees from 2012-2014 . . . . .	2
Table 2. Number of job order personnel/contract of service in BSU main campus from 2012-2014 . . . . .	2
Table 3. Enrollment for SY 2014-2015 . . . . .	9
Table 4. Number of graduates . . . . .	10
Table 5. Number of graduates in higher education programs . . . . .	11
Table 6. Number of graduates in advanced education programs . . . . .	12
Table 7. Number of graduates in International Language Center (ILC) programs . . . . .	12
Table 8. Number of students who participated in competitions . . . . .	13
Table 9. Academic Awardees as of April 2014 . . . . .	13
Table 10. Performance of graduates in different licensure examinations . . . . .	15
Table 11. Level of accreditation of undergraduate degree programs of the University . . . . .	16
Table 12. Level of accreditation of graduate degree programs of the University . . . . .	17
Table 13. Curriculum programs revised/developed . . . . .	18
Table 14. Number of recipients of scholarships/grants (undergraduate) . . . . .	19
Table 15. Number of recipients of scholarship/grants (graduate) . . . . .	20
Table 16. Number of clients served by UHS . . . . .	22
Table 17. Documents released by the OUR from January-December 2014 . . . . .	23

## RESEARCH AND EXTENSION SERVICES

Table 18. Completed researches . . . . .	25
Table 19. Publications registered for copyright protection . . . . .	26
Table 20. Summary of trainings/seminars/workshops conducted and co-implemented . . . . .	27
Table 21. Summary of technical advisory services rendered . . . . .	29
Table 22. Technology demonstrated in demo farms . . . . .	29
Table 23. Planting materials distributed to farmers . . . . .	32
Table 24. Board resolutions approved by the Board of Regents . . . . .	34
Table 25. List of new and continuing linkages in the field of research and extension . . . . .	35

## GENERAL ADMINISTRATION AND SUPPORT SERVICES (GASS)

Table 26. Employees granted study leave and scholarship grants . . . . .	41
Table 27. Employees granted sabbatical leave . . . . .	43
Table 28. Employees granted dissertation/thesis assistance. . . . .	43
Table 29. In House Service trainings conducted by OPDPS and GAD unit . . . . .	44
Table 30. Distribution of awards and recognitions received by BSU researchers . . . . .	46
Table 31. List of personnel who completed graduate studies . . . . .	46
Table 32. Infrastructure projects with awarded contracts but not yet started . . . . .	47

Table 33. Completed infrastructure projects . . . . .	48
Table 34. On-going infrastructure projects . . . . .	59
Table 35. Summary of Income generated from CY 2011-2014 . . . . .	52
Table 36. RF 161 & 163 Net Income/Loss CY 2011-2014 . . . . .	53

## LIST OF FIGURES

Figure 1. Faculty profile in terms of academic rank . . . . .	2
Figure 2. Faculty profile in terms of highest educational attainment . . . . .	2
Figure 3. Enrollment in the different colleges and academic units for 2014 . . . . .	9
Figure 4. Scholarship trend among BSU students from 2010-2015 . . . . .	19
Figure 5. Distribution of research papers presented in international, national, regional and institutional fora . . . . .	25
Figure 6. Distribution of papers published in international, national, regional and institutional journals . . . . .	25

# LIST OF ACRONYMS

AACUP	:	Accrediting Agency for Chartered Colleges and Universities in the Philippines
AFNR	:	Agriculture, Food, and Natural Resources
BOR	:	Board of Regents
BSU	:	Benguet State University
BVPC	:	Benguet Vegetable Processing Center
CAR	:	Cordillera Administrative Region
CHED	:	Commission on Higher Education
CSAC	:	Climate Smart Agriculture Center
DPCR	:	Department Performance, Commitment and Review
DOST	:	Department of Science and Technology
HORTI	:	Horticulture Research and Training Institute
IHFSA	:	Institute of Highland Farming Systems and Agroforestry
ISSN	:	International Standard Serial Number
JOP	:	Job Order Personnel
LGU	:	Local Government Office
LRC	:	Land Reservation Committee
LRO	:	Land Reservation Office
MA	:	Master of Arts
MFO	:	Major Final Output
MOA	:	Memorandum of Agreement
MS	:	Master of Science
NEDA	:	National Economic Development Authority
NGO	:	Non-Government Organization
NOARDC	:	National Organic Agriculture Research and Development Center
NPRCRTC	:	Northern Philippines Root Crops Research and Training Center
NSTP	:	National Service Training Program
OPCR	:	Office Performance, Commitment and Review
PDP	:	Philippine Development Plan
PIA	:	Philippine Information Agency
R.A.	:	Republic Act
ROD	:	Register of Deeds
ROTC	:	Reserve Officer Training Corps
STF	:	Special Trust Fund
SUC	:	State, Universities and Colleges
UBA	:	University Business Affairs



# EXECUTIVE SUMMARY

Gearing up to the challenges and opportunities of ASEAN 2015, Benguet State University enriched its commitment to public service with the adoption of its Strategic Plan through Board Resolution No. 2261, s. 2014. The institutional goals outlined in the plan support the major final outputs (MFOs) tertiary and advanced education, research and extension, and general administration and support services. These goals are: strengthen and sustain a working environment conducive for excellence; provide quality education that will produce globally competitive and well-rounded graduates; provide quality and stakeholder-responsive research and extension services; develop, strengthen and enhance institutional capability in generating revenues towards self-reliance; develop and strengthen quality management systems towards economy; and, strengthen and expand public-private partnerships.

Efforts towards these goals have been aligned with the five guideposts in the Philippine Development Plan (2011-2016). BSU complied with good governance requirements by disclosure of budget and expenditure and other pertinent information through the transparency seal in the agency website; by complying with PhilGEPS requirements; and by establishing a Citizen's Charter prominently displayed in frontline offices and also in the website. Furthermore, programs/projects/activities have been implemented for poverty reduction, inclusive growth, just and lasting peace, and climate change mitigation.

**Tertiary and Advanced Education.** Enrolment in all campuses for SY 2014-2015 reached 10,560 in the first semester and down to 9,993 in the second semester. The decrease is a normal observation in past school years. There were 1,633 graduates in 2014, almost 75 percent with baccalaureate degrees. More than 90 percent of all the graduates were from the Main Campus.

The graduates performed well in licensure examinations. Except for Agricultural Engineering, all the other board programs surpassed the national passing rate. With a passing rate of 96.94 percent in 2014 for the Nursing Licensure Examination, BSU ranked number one in the Cordillera Administrative Region and number four in the country in the list of top performing schools. A BSE graduate also placed 10th in the 2014 Licensure Examination for Teachers.

Increasing the access of deserving but poor students to quality tertiary education, the university was able to add to their roster of scholarship donors. This resulted to an increase in the number of scholars and grantees in 2014 to 2,119: 610, BSU-sponsored; 1,306, government – sponsored; and 203, private – sponsored.

**Research and Extension Services.** In 2014, 68 researches were completed; 219 research papers presented in various fora; and 92 research papers published in journals. For copyright protection, BSU submitted 16 creations/compositions in the form of workbooks, manuals, books, journals and newsletter to the National Library of the Philippines. Eight of these creations were also submitted for ISBN/ISSN publication.

BSU held several community outreach activities and conducted 237 trainings with a total of 17,578 participants. In addition, a School -on- Air (SOA) program on postharvest was launched on April 21, 2014 by the BSU OES and Philippine Center for Postharvest Development and Mechanization (PhilMech). Three hundred fifty (350) farmers from Benguet and nearby provinces enrolled in the program. Technical advisory services, technology piloting and demonstration and technology commercialization were also done. To supplement all these extension activities, IEC materials were developed and distributed.

**General Administration and Support Services (GASS).** Administration continued to run the affairs of the university with all mechanisms in place. Aside from the regular allotment in the General Appropriations Act for 2014 (R.A 10633) amounting to PhP 435,572,053, the University outsourced additional funds in the amount of PhP 20,978,426.40. A net income of PhP 20,364,478.06 was earned from land, building and space rentals and income generating projects. This increased by 4.71 percent from PhP 19,447,802.48 in 2013.

# I. INTRODUCTION

## A. BRIEF HISTORY

BSU was founded by the Americans in 1916 as the Trinidad Farm School on a land formerly used as an experimental station by the Bureau of Agriculture. Its initial purpose was to train highlanders in 'modern' agriculture (Finin, 2005). It was "planned primarily to be developed into a large normal school where the best Igorot pupils will be given special training for service as teachers among their own people, emphasis being placed upon agricultural instruction" (Bureau of Education report, 1917).

Since then, the school has gone through a series of transformation to a State Agricultural College in 1970 and finally, to a State University on January 12, 1986 thru Presidential Decree No. 2010. The institution holds the distinction of having educated the pioneering leaders in the highland region like Bado Dangwa, Juan Duyan, Alfredo Lam-en, among others.

Over the years, the University continued to provide education not only to highlanders but lowlanders and foreigners as well. Academic programs increased with the opening of other non-agricultural degree programs, both in the undergraduate and graduate levels. To address emerging demands and changing trends, the institution continues to expand and/or update its course offerings and other services like research and extension. All these activities are carried out mainly on a landholding area of 606.0444 hectares.

Pursuant to CMO 27, s.2000 providing the implementing guidelines for the integration of CHED-supervised institutions to SUCs under RA 8292, Buguias-Loo Polytechnic College (BLPC) and Bokod School of Arts and Trades (BSAT) were integrated as the BSU-Buguias Satellite Campus in May 2001; and BSU-Bokod Satellite Campus in January 2002, respectively.

## B. STRATEGIC PLAN GOALS

The goals reflected in the Strategic Plan (2013-2022) as approved in Board Resolution No. 2261, s. 2014 are geared towards the major final outputs (MFOs): Higher Education (MFO1), Advanced Education (MFO2), Research Services (MFO3), Extension Services (MFO4), Support to Operations and General Administration Services. These goals are:

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

## C. PROGRAMS

The goals in the Strategic Plan are translated to various programs/projects/activities (PPAs). To help meet local and global human resource requirements, 28 baccalaureate degrees are offered: 20 at the Main campus; three at the Bokod campus and five at the Buguias campus. For advanced education, 30 master's and 7 doctorate degrees are offered by six colleges and two academic institutes. In addition, eight Masters degree programs are offered at the Open University.

Research and extension programs are implemented by the Colleges, research institutes and income generating projects, by units in the University Business Affairs (UBA).

**D. PERSONNEL PROFILE**

Table 1 shows that the BSU main campus has a workforce of 610 employees in 2014. This decreased from 630 in 2013. Of this number, 287 hold regular teaching positions and 289 hold regular non-teaching positions. The rest are contractual. Providing assistance to this workforce in 2014 are 309 individuals covered by job orders and contracts of service, both in teaching and non-teaching. This number of job orders decreased from 340 in 2013 (Table 2).

Table 1 also shows that for Bokod campus, the workforce in 2014 remained at 49 employees, while for Buguias campus, the number decreased from 66 in 2013 to 63 in 2014.

Table 1. Number of teaching and non-teaching employees from 2012-2014

Year	Teaching			Non-Teaching			Total
	Regular	Contractual	Total	Regular	Contractual	Total	
<b>MAIN</b>							
2012	269	50	319	297	-	297	616
2013	289	40	329	298	3	301	630
2014	287	32	319	289	2	291	610
<b>BOKOD</b>							
2012	32	1	33	13	4	17	50
2013	32	1	33	13	3	16	49
2014	31	1	32	14	3	17	49
<b>BUGUIAS</b>							
2012	42	6	48	20	-	20	68
2013	40	6	46	20	-	20	66
2014	43	-	43	20	-	20	63

Table 2. Number of Job Order Personnel/Contract of Service in BSU main campus from 2012-2014

Year	Teaching	Non-Teaching	Total
2012	33	221	254
2013	32	308	340
2014	44	265	309

**Faculty.** Figures 1 and 2 show the distribution of faculty according to rank and highest educational attainment. Of the 320 regular and contractual faculty members, 204 or almost two-thirds are instructors. More than 90 percent complied with the Master’s degree as minimum educational requirement for instructors in State Universities and Colleges.

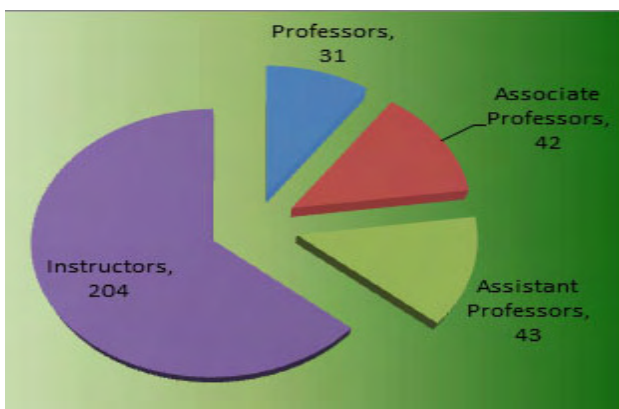


Figure 1. Faculty profile in terms of academic rank

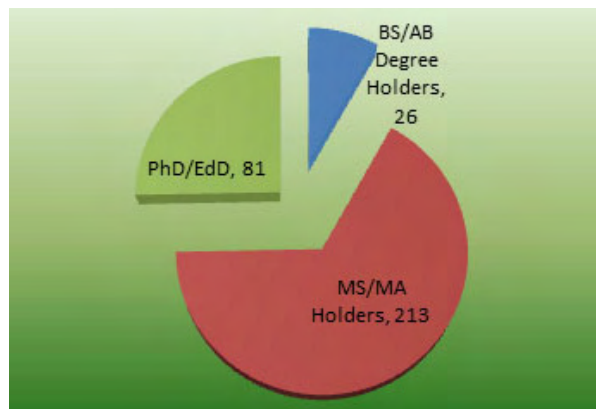


Figure 2. Faculty profile in terms of highest educational attainment

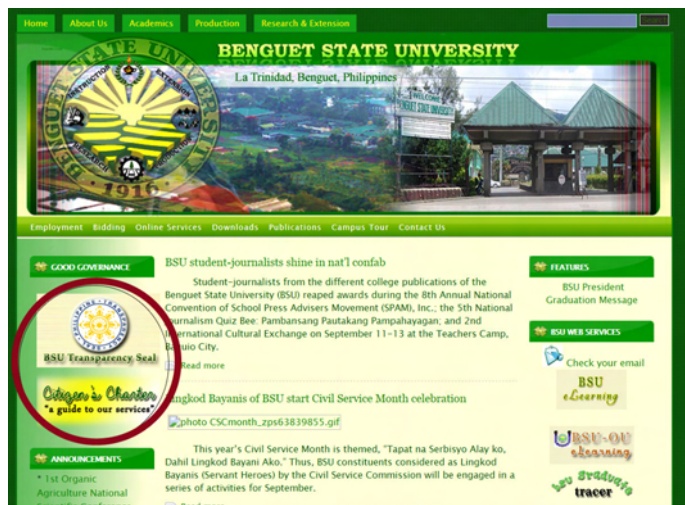
## II. SUCCESS STORIES ALONG FIVE MAJOR GUIDEPOSTS IN THE PHILIPPINE DEVELOPMENT PLAN 2011-2016



*Guided by the Philippine Development Plan of 2011-2016, the University anchored its programs, projects and activities on the Five Pillars of Growth geared towards poverty alleviation. This section presents representative efforts and accomplishments of the University in 2014 along each guidepost. The rest are presented in detail in subsequent chapters.*

### A. GOOD GOVERNANCE: TRANSPARENT, ACCOUNTABLE AND PARTICIPATORY

BSU complied with Good Governance requirements set by the Inter-Agency Task Force created by AO25 which are: the mandatory disclosure of budget information on the agency website; the posting of all invitations to bid and awarded contracts in the Philippine Government Electronic Procurement System (PHILGEPSS); and, the establishment of a Citizen's Charter.



**Transparency Seal.** The mandatory disclosure of budget information on the agency website is covered by Section 93 of the General Appropriations Act of FY 2012 also known as the Transparency Seal Provision. The Transparency Seal icon is prominently displayed in the website. Upon clicking the icon, the user is quickly led to a section where the University's mandates, functions, officials and their contact information, annual reports and financial accountability reports are posted. These are updated at the end of each quarter.

**PhilGEPSS.** A certificate of compliance with PhilGEPSS requirements has been given to BSU by the AO 25 secretariat.

**Citizen's Charter.** Adhering to RA 9485 or The Anti-Red Tape Act (ARTA) and being inspired by a "student-first" policy, BSU crafted its Citizen's Charter to guide both employees and clientele on the efficient delivery of front line services. Printed copies of the Citizen's Charter were posted and periodically updated within the premises of the frontline offices while e-copies were uploaded to the University website, www.bsu.edu.ph. Addressing feedbacks on the online version, the Citizen's Charter icon was repositioned to the upper-right corner of the homepage to increase visibility, thereby making it more user-friendly. It was given the tagline, "a guide to our services," to quickly explain what the document is all about.



## B. POVERTY REDUCTION AND EMPOWERMENT OF THE POOR AND VULNERABLE

Quality and affordable education that can lift millions out of poverty is the main mandate of SUCs. For the two semesters of School Year 2013-2014, BSU accommodated more than 18,000 tertiary students, 2,119 of whom are scholars or grantees.

In the Cordillera Administrative Region, BSU has the highest number of grantees under the Expanded Student's Grants-in-Aid Program for Poverty Alleviation (ESGP-PA).

But it is not only in providing quality education that BSU is contributing to poverty alleviation and to the empowerment of the Filipino people. Based on BSU's mandate, the University has the four functions of instruction, research, extension and production.

This year, BSU completed 68 researches. Out of these, 28 were on rootcrops, 20 on education, social and socio-economic topics, 12 on organic highland crops, ornamentals and fruits. The University likewise provided 237 trainings and outreach activities with 18,421 participants. These extension activities were geared towards community-based agriculture, giving and sharing of resources, and service and advocacy activities in Organic Agriculture, environmental and social issues.

The Arabica coffee- Pine based Agroforestry Farming System is one of the earliest technologies promoted by BSU. This technology enabled BSU as an internationally certified Organic Arabica Producer by the Institute of Market Ecology (IMO) based in Switzerland. It follows the Agroforestry Farming System (Agrisilvicultural System) of integrating Arabica Coffee under the Pine forest using contour planting and organic agriculture promoting biodiversity. Presently, there are 6,452 hectares devoted to Arabica coffee production mostly using this technology in the Cordilleras (DA-CAR Report) compared to 751.77 hectares in 2000. There are 2,600 farmers adopting this technology. Recently, an e-learning module for Arabica coffee production was deployed in coordination with the ATI-CAR.

Due to the vigorous promotion of BSU for Arabica Coffee Production in the CAR, there is an added income for farmers while promoting environmental conservation. The growing number of coffee growers and producers led to the formation of coffee livelihood cooperatives/ associations/ councils in the region. At present, Arabica coffee in the region is being sought after by coffee processors at an average of PhP 200.00 per kilogram of green coffee beans even if the price of Arabica coffee green beans in the world market is PhP 175.00 per kilogram.



*Extension trainings for farmers on Arabica Coffee Production*

BSU is the technical adviser of coffee farmers' cooperatives and associations, and also a member of the technical working groups of the regional, provincial and municipal coffee councils. At present, there are 12 Coffee Farmers' Cooperatives/Associations, two Provincial Coffee Councils; and two municipal councils in the region. Also, Some LGUs like Kibungan Municipality in Benguet have adopted Arabica coffee as One-Town-One-Product (OTOP) with technical assistance from BSU.

Another budding industry supported by the University is the beekeeping industry. In partnership with the Canadian Executive Services Organization (CESO) in Toronto, Canada, a series of lecture, trainings and consultation in beekeeping was conducted with Canadian experts as resource persons. This is with the hope of strengthening beekeeping in the Cordillera and building cooperation between farmers and beekeepers.



### C. RAPID, INCLUSIVE AND SUSTAINED ECONOMIC GROWTH

The unique and diverse conditions of the Cordillera region in terms of topography and climate have given advantages as well as challenges. The climate is favorable for high value semi-temperate vegetables but the region's mountainous terrain also makes transporting agricultural products difficult, expensive and risky.

For rapid, inclusive and sustained economic growth specially in the Cordilleras, there has to be support in terms of infrastructure (roads and bridges), facilities, training and other services.

The BSU-Benguet Vegetable Processing Center (BVPC) from the then National Development fund which was inaugurated by BSU, LGU and national officials is one such support. The BVPC develops and produces a line of products ranging from cookies, breads, noodles and pastas enriched with vegetables from the pinakbet bowl of Pangasinan and the vegetable bowl of Benguet. The center aims to increase quality and quantity of processed semi-temperate agricultural products; to assure consumers of healthy food; and to raise farmer's income. At present, the center remains as one of BSU's R&D centers in charge of food industry research and development.

Another R&D center funded in part by the government of Japan is the Agri-based Technology Business Incubator/Innovation Center (ATBI). The center houses the ATBI program where young entrepreneurs are trained and nurtured to be successful business owners who will help address the unemployment problem. Under the ATBI program, enrollees or incubatees get oriented and trained along general entrepreneurship in farming, food processing, and marketing. Aspiring entrepreneurs with a business idea, a micro-entrepreneur with an early-stage, expanding, or established companies are welcome to join the ATBI program. This year, the ATBI building located at the Strawberry Fields is almost completed to accommodate more incubatees.



*The Benguet Agri-Pinoy Trading Center (BAPTC)*

BSU has also opened its doors to the Benguet Agri-Pinoy Trading Center (BAPTC). It is a collaborative project of the Department of Agriculture, LGUs and BSU. The facility sits on a four-hectare lot in BSU. This project focuses on trading upland "chopsuey" vegetables. The BAPTC will have training and packaging facilities to provide technical assistance to farmers in the production, marketing, and product packaging. Further, it will provide direct marketing for farmers, thereby reducing middlemen's intervention and increasing farmers' income.

### D. JUST AND LASTING PEACE AND THE RULE OF LAW

BSU supported the move for CAR's quest for regional autonomy as a form of enhancing peace & security. In 2006, the Regional Development Council (RDC) renewed the pursuit of regional autonomy, despite the rejection of two previous organic acts, because it believed that regional autonomy is the best strategy to accelerate development of the Cordilleras and enhance peace and security in the region.

The RDC campaign for regional autonomy has been recognized since 2007 by the National Government so it provided policy and budgetary support "...for social preparation of the Cordillera for regional autonomy". In this context, the RDC pursued social preparation through information, education and communication on regional autonomy; capability building along the areas of devolution; and alliance building.

For the regional autonomy pulse survey by the RDC in 2013, BSU conducted the segment for the province of Benguet through the Institute of Social Research and Development (ISRDC).

During the Cordillera Leaders Forum at the House of Representatives last year, it was agreed that a regional summit on the regional autonomy agenda shall be undertaken in partnership with several agencies to generate widespread support at local levels.

On April 30, 2014, the 1<sup>st</sup> Regional Summit on autonomy was set with Benguet State University as co-organizer and secretariat. This activity aimed to develop a shared position on the Cordillera autonomy and the draft Organic Act and to rally widespread support for the filing of a Draft Organic Act among the local governments, legislators, media practitioners, line agencies, civil society organizations, and all other stakeholders through the signing of a Manifesto of Support. The said Summit was held at the Baguio City National High School (BCNHS) Gym.



*Mr. Filmore Y. Awas, BSU Instructor, refers a concern to Mayor Mauricio Domogan and the BSU Kontad cultural dance troupe performs during the 1st Regional Summit on April 30, 2014*



During the Summit, all the House Representatives from different provinces of the region including Baguio City expressed their positions and support on the said matter and how they communicate this matter to their constituents. All of the provinces committed to the conduct of an Information Education Campaign, Advocacy & Consultation on Cordillera Regional Autonomy through municipal-wide consultations.

While Regional Autonomy still has a long road to take, the University is firm in supporting the genuine purpose of this move; thus, continuing the campaign and initiating activities for information dissemination to pursue and put forward the thrust for regional economic development.

## **E. INTEGRITY OF THE ENVIRONMENT AND CLIMATE CHANGE MITIGATION AND ADAPTATION**

Among BSU's efforts in line with this guidepost is the launching of the Climate Smart Agriculture Center or CSAC in 2012 with initial funding from BSU and DA-CAR. CSAC aims to spearhead the development, dissemination and utilization of climate-smart agriculture systems and technologies in order for highland farming communities to be able to adapt to climate change. The center conducted researches such as the processing of animal manure before application to reduce gas emissions and proper reforestation techniques to avoid landslides and to sequester carbon dioxide. In its three years of existence, it also focused on the capacity building and institutional development of stakeholders through development of IEC materials for the AFNR sector, building up of integrated climate change information system, and innovative technology transfer modalities.

At present, CSAC is equipped with a weather monitoring device, water harvesting facility and a composting shed. The center also accommodates eco-walks within its facility to let the public appreciate the technologies it showcases.

In partnership with CSAC, a group of BSU researchers conducted the study "Participatory and Community-based Climate Change Adaptation Strategies in Benguet Province: Vulnerability and Adaptive Capacity Assessment to Climate Change Across Various Agro-Forest Ecological Zones" under the Research, Development and Extension Project on Climate Change Program of the Cordillera Administrative Region Association of State Universities and Colleges or CARASUC.

The study found out that six among the eight municipalities of Benguet turned out to be moderately adaptive to climate change while the other two municipalities were highly adaptive and moderately vulnerable; respectively. The assessment was done using the VAST-AGRO tool developed in UPLB. The study then introduced a water impounding system and windbreak technology that should help farmers cope with the effects of climate change hazards like drought and strong winds. Demo farms were set up in partnership with farmer cooperators in the municipalities of Tuba and La Trinidad, Benguet.

On the first part of this study, a 15 minute video documentary localized by the research team was used to help farmers understand climate change as a global concern during community workshops. Another 15-minute video documentary was produced on the perceptions of farmers on climate change. The final output was a 30 minute video documentary called, "Climate Change: Anya Dagiti Masapul Tayo nga Maamuan" (Climate Change: What are the things we need to know).

This video documentary found its way as an IEC campaign material for the multi-agency Climate Change Advocacy program launched on August 1, 2014 involving the Philippine Information Agency (PIA), SN Aboitiz Corporation - Benguet, Jaime V. Ongpin Foundation Incorporation (JVOFI), Philex Mining Corporation, Department of Education (DepEd-Benguet), and the lead agency, the Department of Environment and Natural Resources (DENR).

In the MOA signed for this partnership, BSU's roles are to extend technical assistance in the implementation of the campaign and provide pertinent IEC materials for information dissemination including research findings as references.

BSU went beyond these given roles and involved its students. The University accommodated various activities for students in partnership with the PIA-CAR such as the first Cordillera Kalikasan Camp held on September 26-28 at the IFHSA-BSU Nature Park in Bektey, Longlong participated by 40 BSU students. Activities in the Camp included teambuilding activities, workshops, eco-walks, commitment ceremonies, community immersions, and educational lectures. The participants were requested to lead the next batch of Kalikasan Camp participants. As a result of the Kalikasan Camp, a Balili river clean-up drive was organized on October 25 still in partnership with the PIA-CAR, Pilipinas Natin and DENR. The students also installed signages on environmental protection and preservation.

BSU, specifically the CSAC, continues to find ways through research, development and extension to help agriculture cope with climate change hazards.



*Inter-agency MOA signing for Climate Change Advocacy program launched on August 1, 2014*



*Installation of Windbreak as Technology intervention for strong winds at CSAC in Talingguroy*



# III. TERTIARY AND ADVANCED EDUCATION

- Relevant and quality tertiary education ensured to achieve inclusive growth
- Access of deserving but poor students to quality tertiary education increased



89<sup>th</sup> Commencement Exercises

STUDENTS UNITED! Eighty-five student leaders perform the last of the activities lined-up during the Three – Day BSU Leadership Camp



A BSAENG'G 4<sup>th</sup> year student uses the newly acquired planimeter of CEAT during their Hydrometeorology subject (1st sem 2014-2015)



## A. ENROLLMENT

Enrolment in all campuses for SY 2014-2015 reached 10,560 in the first semester and down to 9,993 in the second semester. The decrease from first to second semester is a regular observation in the past school years. Table 3 shows that more than 90 percent are enrolled in the main campus. The breakdown of enrollment in the main campus is found in Appendix A.

Table 3. Enrollment for SY 2014 - 2015

Term	Main Campus	Bokod Campus	Buguias Campus	Total
Summer 2014	2,179	-	-	2,179
1 <sup>st</sup> Semester 2014	9,861	330	369	10,560
2 <sup>nd</sup> Semester 2014	9,306	330	357	9,993

Figure 3 shows the breakdown of the enrolment per college with the Buguias and Bokod campuses considered as colleges. For both first and second semesters, the biggest academic units are the College of Teacher Education and the College of Agriculture. Enrollment in these two colleges comprises almost one half of the total enrollment in all academic units. Among the enrollees are 29 foreign students.

Seven enrollees in the first semester were not included under any of the academic units as these were cross enrollees in the ROTC of NSTP. Likewise the 12 enrollees in the second semester include five ROTC cross enrollees, one exchange student in English under the International Language Center (ILC) and six certificate students under a special program.

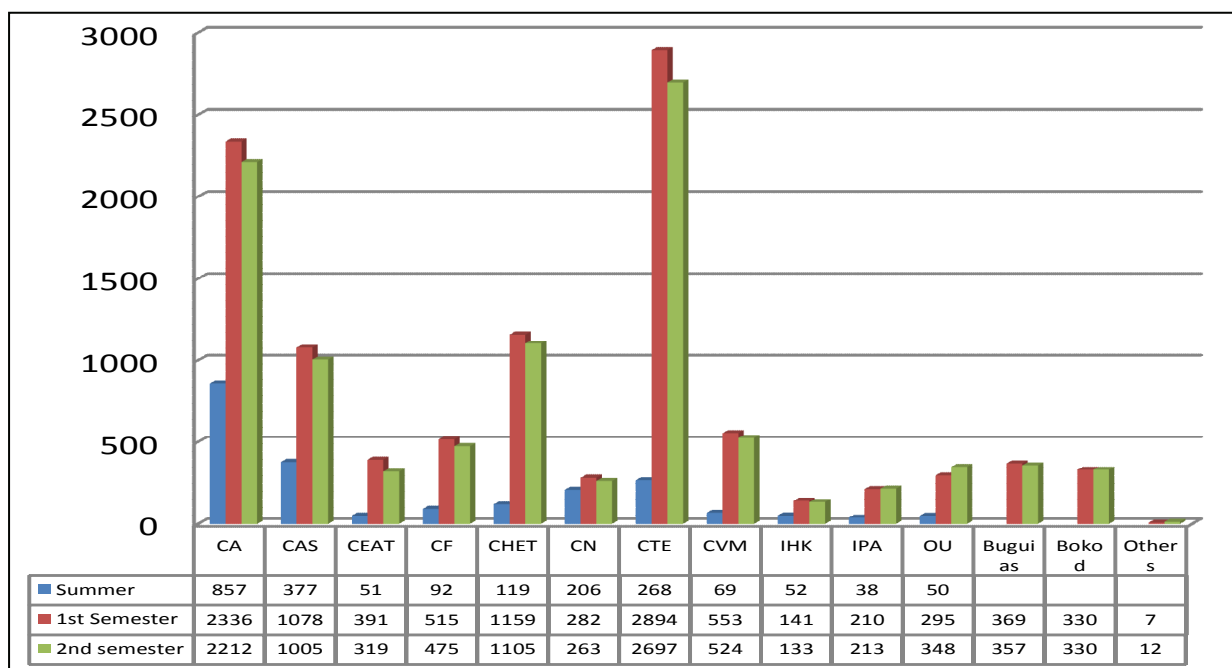


Figure 3. Enrollment in the different colleges and academic units (Registrar's Data)

## B. GRADUATION

In 2014, the three campuses produced 1,633 graduates almost 75 percent of them were confirmed with baccalaureate degrees. Leading the graduates was Aileen Kryl A. Simeon, the lone Magna Cum Laude graduate, together with 50 other Cum Laude graduates. There were 171 graduates in Advanced Education - 18 with post-baccalaureate certificates and 153 with graduate school degrees. More than 90 percent of all the graduates were from the Main Campus (Table 4).



Table 4. Number of graduates

Course	Main Campus	Buguias Campus	Bokod Campus	Total
Technical/Vocational	81	16	15	112
Pre-Baccalaureate	155	11		166
Baccalaureate	1,100	33	51	1,184
Post - Baccalaureate	18			18
Graduate Degrees	153			153
<b>Grand Total</b>	<b>1,507</b>	<b>60</b>	<b>66</b>	<b>1,633</b>



Tables 5 and 6 show the breakdown of the number of graduates per program. Bachelor in Elementary Education had the highest number of graduates with 198 coming from the three campuses; followed by Bachelor in Secondary Education with 183 graduates coming from the Main Campus and the Buguias Campus. Third is Bachelor of Science in Agriculture with 144 graduates from the Main Campus. Almost 70 percent of the graduates (116 out of 171) in Advance Education finished their Master's degrees.

Table 5 further shows the timeliness of graduates which refers to the percentage of graduates who finished their programs within the prescribed period. This considers the number of graduates against the number of enrollees two years or four years before, depending on the number of years prescribed in each program.

In almost all of the technical/vocational and pre-baccalaureate courses, the timeliness is more than 50 percent with Electrical Technology and Automotive Technology having the highest of 100 percent each. In this category, only Certificate in Agricultural Science and Diploma in Agricultural Technology registered timeliness below 50 percent, at 25 percent and 29 percent, respectively.

For baccalaureate courses, timeliness rates ranged from 6 percent to 87 percent, with majority of the programs registering less than 50 percent timeliness rates. The lowest rates of 6 percent and 9 percent came from BS in Agricultural Engineering and Doctor in Veterinary Medicine, respectively. These two programs have a screening process by the end of the second year which determines whether or not they could continue the program.

In addition to the graduates in the non-degree and degree programs in 2014, 54 Korean students completed the different programs offered by the International Language Center. Table 7 presents more details.

Table 5. Number of graduates in higher education programs

Course	Campus	Number of Enrolee at the Program	Number of Graduates (Summer, Oct & April)	Number of Graduates Who Finished within the Prescribed Period	Timeliness* (%)
<b>TECHNICAL/VOCATIONAL COURSES</b>					
Basic Automotive Technology	Main	58	46	46	79%
Advanced Automotive Technology	Main	37	35	35	95%
Electrical Technology	Buguias	2	2	2	100%
Automotive Technology	Buguias	14	14	14	100%
Trade Technical	Bokod	20	15	15	75%
<b>Sub-total</b>		<b>131</b>	<b>112</b>	<b>112</b>	
<b>PRE-BACCALAUREATE COURSES</b>					
Certificate in Agricultural Science	Main	382	115	96	25%
Associate in Entrepreneurial Technology	Main	49	40	33	67%
Two-Year Diploma in Agricultural Technology (Animal Production)	Buguias	14	4	4	29%
Two-Year Diploma in Agricultural Technology (Horticulture)	Buguias	11	7	7	64%
<b>Sub-total</b>		<b>456</b>	<b>166</b>	<b>140</b>	
<b>BACCALAUREATE COURSES</b>					
BS Agriculture	Main	339	144	64	19%
BS Agribusiness	Main	97	50	31	32%
BS Development Communication	Main	115	59	54	47%
BS Applied Statistics	Main	52	24	18	35%
BS Environmental Science	Main	52	20	9	17%
BS Information Technology	Main	97	61	49	51%
BS Agricultural Engineering	Main	80	16	7	9%
BS Forestry	Main	108	66	50	46%
BS Home Economics	Main	110	107	63	57%
BS Nutrition & Dietetics	Main	61	40	31	51%
BS Entrepreneurial Technology	Main	37	39	25	68%
BS Nursing	Main	143	98	93	65%
B Elementary Education	Main	203	155	139	68%
	Buguias	19	16	8	
	Bokod	31	27	11	
B Secondary Education	Main	224	172	135	60%
	Buguias	25	11	4	36%
B Library and Information Sciences	Main	34	32	26	76%
Doctor in Veterinary Medicine	Main	66	17	4	6%
B in Agricultural Technology	Buguias	19	6	5	83%
B of Science in Industrial Education	Bokod	22	8	3	87%
BS Industrial Technology	Bokod	21	16	9	43%
<b>Sub-total</b>		<b>1,955</b>	<b>1,184</b>	<b>838</b>	
<b>TOTAL</b>		<b>2,542</b>	<b>1,462</b>	<b>1,090</b>	

\*Timeliness refers to the percentage of graduates who finished their programs within the prescribe period (Registrar's Data)

Table 6. Number of graduates in advanced education programs

Course	Campus	Number of Enrollees	Number of Graduates (Summer, Oct & April) 2014	Number of Graduates Who Finished Within the Prescribed Period	Timeliness (%)
<b>POST-BACCALAUREATE COURSES</b>					
Diploma in Physical Education	Main	12	3	3	25%
Diploma in Training Management	Main	6	3	2	33%
Certificate in Organic Agriculture	Main	16	12	12	75%
<b>Sub-total</b>		<b>34</b>	<b>18</b>	<b>17</b>	
<b>GRADUATE STUDIES</b>					
Doctorate	Main	32	21	21	66%
Masters	Main	118	132	101	86%
<b>Sub-total</b>		<b>150</b>	<b>153</b>	<b>122</b>	
<b>TOTAL</b>		<b>184</b>	<b>171</b>	<b>139</b>	

Table 7. Number of graduates in International Language Center (ILC) programs

Program	Duration	No. of Graduates	University
Batch 1 - Special Program for English Language & Literature (SPELL)	September 2, 2013 – May 2, 2014	20	Sungkung Hoe University, Seoul, South Korea
Intensive Functional English Language Program (IFELP)	January 21, 2014 – February 21, 2014	6	Chungbuk Provincial College, South Korea
Intensive Functional English Language Program (IFELP)	June 24, 2014 – July 24, 2014	20	Kyungwoon University, Gyeongsangbuk-do, South Korea
Batch 2 - Special Program for English Language & Literature (SPELL)	September 5, 2014 – May 5, 2015	-	Sungkung Hoe University, Seoul, South Korea
English Language Proficiency for Individual Advancement (ELPIA)	(various dates in 2014)	8	Countries of origin: 1 – Vietnam 3 – Japan 4 – Korea
<b>Total</b>		<b>54</b>	



IFELP students from Kyungwoon University during their Experiential Learning Journey in Baguio City

### C. AWARDS

Table 8 shows the number of students who represented the University in different skills competitions and/or recognized by different organizations for exemplary performances. Details are presented in the boxed story on page 14. The list of students, who participated in competitions in different levels, is in Appendix B.

Table 8. Number of students who participated in competitions

College	National	Regional	Local	Institutional	Total
College of Agriculture	9	-	4	72	85
College of Arts & Sciences	3	-	-	36	39
College of Engineering & Applied Technology	-	1	1	16	18
College of Forestry	-	-	2	11	13
College of Home Economics & Technology	7	15	10	87	119
College of Nursing	2	1	3	24	30
College of Teacher Education	14	16	58	236	324
College of Veterinary Medicine	3	1	8	16	28
Institute of Human Kinetics	-	-	-	15	15
Institute of Public Administration	-	-	-	1	1
<b>Total</b>	<b>38</b>	<b>34</b>	<b>86</b>	<b>514</b>	<b>672</b>

Table 9 shows the distribution of academic awardees per college and who were given certificates during the Achievement and Recognition Program held on April 11, 2014. University Scholars with 1.0-1.5 general weighted average were entitled to 100 percent tuition discount while College Scholars with 1.51-1.75 general weighted average were granted a 50 percent tuition discount.

Table 9. Academic awardees as of April 2014

College	No. of Academic Awardees		
	100%	50%	Total
College of Agriculture	6	26	32
College of Arts & Sciences	1	21	22
College of Engineering and Applied Technology	1	8	9
College of Forestry	-	2	2
College of Home Economics & Technology	6	43	49
College of Nursing	3	20	23
College of Teacher Education	17	193	210
College of Veterinary Medicine	1	3	4
<b>TOTAL</b>	<b>35</b>	<b>316</b>	<b>351</b>



### BSU bags awards in different competitions



*The Ten Outstanding Students-Cordillera Administrative Region(OSCAR) during the Awarding ceremonies on May 16, 2014*

Inspired by this line in the BSU Hymn: “More glories to thy name we bring...”, many students of the University have brought home awards from the different competitions they have participated in from the local up to the national level.

Early this year, Safrone Jade P. Dicam, a BSN student and Aileen Kryl A. Simeon, a BEE student brought BSU to the limelight as they survived as two of the Ten Outstanding Students of CAR (TOS-CAR) who were awarded by CHED – CAR at the Baguio Country Club on May 16, 2014.

Meanwhile, the staff of Mountain Collegian, the official student publication of the University has captured awards for both individual and group events in the Luzonwide Higher Education Press Conference (LHEPC) held at Pulsar Hotel, Capitol Hills, Tuguegarao City, Cagayan on Feb. 5-7, 2014.

Bobby McGee Lee was champion in copy reading and headline writing (English category); Jerson Sabado Jr. clinched the top spot for lay out; and Caesar James Osben topped the editorial cartooning (English category); Arniel Dumigsi ranked 5<sup>th</sup> in Development Communication writing (Filipino); Chatelaine Wansi placed 6<sup>th</sup> in opinion writing (English category); and Richard Giye landed 6<sup>th</sup> in poetry writing (English category) and 8<sup>th</sup> place in copy reading and headline writing (Filipino category).

The Mountain Collegian also snatched three awards for the group category. Both feature – literary page and page design of the broadsheet issue ranked second places, respectively, while the opinion page of the tabloid issue placed eighth.

BSU is among the 129 school – delegates from seven regions namely: Ilocos, Cagayan, Central Luzon, CALABARZON, MIMAROPA, Bicol, and CAR, plus a guest school from Cebu. The LHEPC participants were the top five best journalists screened per region.

BSU students also represented CAR in the 6<sup>th</sup> Philippine Association of State Universities and Colleges (PASUC) Socio – Cultural and Literary Arts Festival in Cagayan de Oro City on Dec.10 – 12 where Mark Samuel de Guzman captured the 5<sup>th</sup> place in the extemporaneous speaking competition. The Glee Club ranked 6<sup>th</sup> in the Chorale Singing Competition while the Lowland Cultural Dance Troupe landed 8<sup>th</sup> in the folk dance competition.

In terms of sports, BSU emerged as the Overall Champion in the CARASUC Athletic Meet held at Luna, Apayao on December 1-6, 2014.



#### D. PERFORMANCE IN LICENSURE EXAMINATIONS

A very good performance was noted in most of the licensure examinations taken by BSU graduates. In 2014, BSU ranked number one in CAR and number four nationwide among top performing schools in the Nursing Licensure Examination. Meanwhile, Hanna Caasi Gale, a Bachelor of Elementary Education graduate ranked 10<sup>th</sup> in the 2014 Licensure Examination for Teachers.

Table 10 shows the institutional and national passing rates in 2014 licensure examinations. Except for the Licenture Examination for Agricultural Engineers, the performance in all the other exams surpassed the national passing rate.

Table 10. Performance of graduates in different licensure examinations

	No. of First Timers		No. of Repeaters		BSU			National	
	Passers	Takers	Passers	Takers	No. of Passers	No. of Takers	%	%	
Agriculturists	67	157	23	64	90	221	40.72	36	
Agricultural Engineers	7	16	6	14	13	30	43.33	50.32	
Forester	28	54	2	8	30	62	48.39	40.3	
Nutritionists and Dietitians	29	38	1	9	30	47	63.83	63.59	
Nurses	93	96	2	2	95	98	96.94	38.45	
Guidance Counselors	3	5	2	2	5	7	71.43	65.15	
Teacher (Elementary)	January	9	9	30	41	39	50	78	28.98
	August	138	158	4	31	142	189	75.13	35.74
Teacher (Secondary)	January	40	48	30	84	70	132	53.03	28.41
	August	217	284	21	86	238	370	64.32	34.4
Teachers (Library Science)	12	20	0	1	12	21	57.143	27.95	
Veterinarian	17	10	38	11	21	55	38.18	33	



Oath taking ceremony for the 2014 Licensure Examination for Teachers (LET) where Hanna Gale (in white dress), BSE Graduate, placed 10<sup>th</sup>

## E. PROGRAM ACCREDITATION AND CURRICULUM DEVELOPMENT

### 1. AACUP Accreditation

All the degree programs were accredited, except for the newly opened degree programs: Bachelor of Physical Education, Bachelor of Arts in Public Administration, and Bachelor of Science in Hotel and Restaurant Management. These programs will be subjected for preliminary survey after the graduation of the first batch.



Accreditors for the different programs of the University interview the area coordinators to validate the documents presented for evaluation

Table 11. Level of accreditation of undergraduate degree programs of the University

No.	Degree Program	Accreditation Status	Duration of Validity
<b>Baccalaureate Programs</b>			
1	BS Agriculture	Level III Re – accredited (Qualified for Level IV)	Dec. 16, 2013 – Dec. 15, 2014
2	B Elementary Education	Level III Re – accredited (Qualified for Level IV)	July 16, 2014 – July 15, 2015
3	B Secondary Education	Level III Re – accredited (Qualified for Level IV)	July 16, 2014 – July 15, 2015
4	BS Applied Statistics	Level III Re – accredited (Assessment is on – going to qualify for Level IV.)	Oct. 2012 – Sept. 2015
5	BS Agribusiness	Level III Re – accredited (Assessment is on – going to qualify for Level IV.)	August 2014 – July 2016
6	BS Nursing	Level III Re – accredited (Assessment is on – going to qualify for Level IV.)	Jan. 2014 – Dec. 2015
7	BS Home Economics	Level III Re – accredited (Assessment is on – going to qualify for Level IV.)	August 2014 – July 2016
8	Doctor of Veterinary Medicine	Level III Re – accredited (Assessment is on – going to qualify for Level IV.)	Jan. 2014 – Dec. 2015
9	BS Agricultural Engineering	Level III Re - accredited	Jan. 1, 2015 – Dec. 31, 2018
10	BS Forestry	Level III Re - accredited	Nov. 16, 2013 – Nov. 15, 2017
11	BS Nutrition and Dietetics	Level III Re - accredited	Oct. 16, 2010 – Oct. 15, 2014
12	BS in Entrepreneurial Tech.	Level I Accredited	Aug. 16, 2014 – Aug. 15, 2017
13	BS Information Technology	Level I Accredited	Sept. 16, 2012 – Sept. 15, 2015
14	BS Development Communication	Level I Accredited	April 1, 2011 – March 31, 2014
15	BS Environmental Science	Level I Accredited	Sept. 16, 2012 – Sept. 15, 2015
16	B Library and Information Sci.	Level I Accredited	Aug. 16, 2014 – Aug. 15, 2017
17	BS Agricultural Education	Level I Accredited	Jan. 2014 – Dec. 2014
<b>NEWLY OFFERED PROGRAMS (To be subjected for preliminary survey after graduation of first batch)</b>			
18	BS Hotel and Restaurant Management		
19	BA Public Administration		
20	B Physical Education		

Table 12. Level of accreditation of graduate degree programs of the University

No.	Degree Program	Accreditation Status	Duration of Validity
<b>Doctoral Programs</b>			
1	PhD Horticulture	Level III Re - accredited	Oct. 1, 2009 – Sept. 30, 2013
2	PhD Rural Development	Level III Re - accredited	Oct. 1, 2009 – Sept. 30, 2013
3	PhD Educational Management	Level I Accredited	April 1, 2011 – March 31, 2014
4	PhD Language Education	Level I Accredited	April 1, 2011 – March 31, 2014
5	PhD Agronomy	Level I Accredited	Dec. 16, 2011 – Dec. 15, 2014
6	PhD Science Education	Level I Accredited	Sept. 16, 2012 – Sept. 15, 2015
<b>Masters Programs</b>			
1	MS Plant Pathology	Level III Re – accredited (Qualified for Level IV)	Sept. 1, 2014 – Aug. 31, 2015
2	MS Horticulture	Level III Re – accredited (Qualified for Level IV)	Sept. 1, 2014 – Aug. 31, 2015
3	MS Entomology	Level III Re – accredited (Qualified for Level IV)	Sept. 1, 2014 – Aug. 31, 2015
4	MS Animal Science	Level III Re – accredited (Qualified for Level IV)	Sept. 1, 2014 – Aug. 31, 2015
5	MS Agronomy	Level III Re – accredited (Qualified for Level IV)	Sept. 1, 2014 – Aug. 31, 2015
6	MS Agricultural Economics	Level III Re – accredited	Jan. 1, 2015 – Dec. 31, 2018
7	MS Soil Science	Level III Re – accredited	Oct. 1, 2009 – Sept. 30, 2013
8	MS Rural Development	Level III Re – accredited	Oct. 1, 2009 – Sept. 30, 2013
9	M Resource System Mngt.	Level II Re – accredited	Dec. 16, 2013 – Dec. 15, 2017
10	MA Mathematics	Level I Accredited	Sept. 16, 2012 – Sept. 15, 2015
11	MA Applied Statistics	Level I Accredited	Sept. 16, 2012 – Sept. 15, 2015
12	MS Biology	Level I Accredited	Sept. 16, 2012 – Sept. 15, 2015
13	M Public Administration	Level I Accredited	Aug. 16, 2014 – Aug. 15, 2017
14	MA Technology and Home Economics	Level I Accredited	Aug. 16, 2014 – Aug. 15, 2017
15	MA Physics	Level I Accredited	Aug. 16, 2014 – Aug. 15, 2017
16	MA Physical Education	Level I Accredited	Aug. 16, 2014 – Aug. 15, 2017
17	MA Home Economics	Level I Accredited	Aug. 16, 2014 – Aug. 15, 2017
18	MS Forestry	Level I Accredited	Aug. 16, 2014 – Aug. 15, 2017
19	MA General Science	Level I Accredited	Aug. 16, 2014 – Aug. 15, 2017
20	MA Social Studies	Level I Accredited	April 1, 2011 – March 31, 2014
21	MA Filipino	Level I Accredited	April 1, 2011 – March 31, 2014
22	MA English as a Second Language	Level I Accredited	April 1, 2011 – March 31, 2014
23	MA Education (EAS & ELED), MA Guidance	Level I Accredited	April 1, 2011 – March 31, 2014
24	MA Chemistry	Level I Accredited	April 1, 2011 – March 31, 2014
25	Graduate: Master's (Agriculture) now vertically aligned to major fields	Level II Reaccredited	Nov. 16, 2012 – Nov. 15, 2013

## 2. Curriculum Development

The table below shows the curricular programs that were approved by the Board of Regents.

Table 13. Curriculum programs revised/developed

Resolution Number	Date/Venue	Action
Res. No. 2251 s. 2014	165 <sup>th</sup> Special BOR Meeting, Jan. 10, 2014 BSU ADCOR	Approving in principle, the proposed Enhanced Curriculum the PhD in Language, Major in English and Filipino Language, subject to final review and approval by CHED - CAR
Res. No. 2283 s. 2014	167 <sup>th</sup> BOR Meeting July 5, 2014 BSU ADCOR	Approving the revised BS Information Technology Curriculum, as reviewed by the CHED - RO
Res. No. 2283 - a s. 2014	167 <sup>th</sup> BOR Meeting July 5, 2014 BSU ADCOR	Approving the:
		1. Enhanced Curriculum – BS in Agribusiness Management, major in Local Agribusiness Management
		2. Enhanced Curriculum – MS in Agribusiness Management
		3. Revised Curriculum – MS Animal Science
		4. Enhanced Curriculum - MA in Guidance
		5. Enhanced Curriculum – MA in Physical Education leading to a change in nomenclature: MS Physical Education
		*1-5 are subject to review by CHED – RO

## F. AUXILIARY SERVICES

### 1. Student Services

Accomplishments of the Office of Student Services for 2014 kicked-off with the Career Exploration of the 1<sup>st</sup> and 2<sup>nd</sup> year students of the College of Agriculture (CA) coordinated by their Guidance Counselor Ms. Irene Alcantara.

Other services of the Guidance and Counseling Unit were Career Guidance, Life Skills Seminars, Personality Development, and academic intervention programs with the TUTOK program for the BSU-ELS.

The Vocational and Placement Unit catered to Student Assistants and SPES grantees. With the coordination of Job Fairs and Job vacancy postings, it is hoped that BSU graduates are able to find jobs related to their chosen field.

The continuous coordination and facilitation of the Students Scholarships and Grants Unit added to the roster of scholarship donors and three new private scholarship endowments increasing the number of scholars and grantees this year.

Meanwhile, the Student Organizations and Activities Unit accommodated students sent to local seminars and conferences.

**Scholarships.** An increasing trend in the number of scholarships and grants recipients was noted among BSU students (Figure 4). There are 2,119 scholars and grantees, 610 are BSU-based scholars', 1,306 are government-sponsored, and 203 are private-sponsored (Tables 14-15).



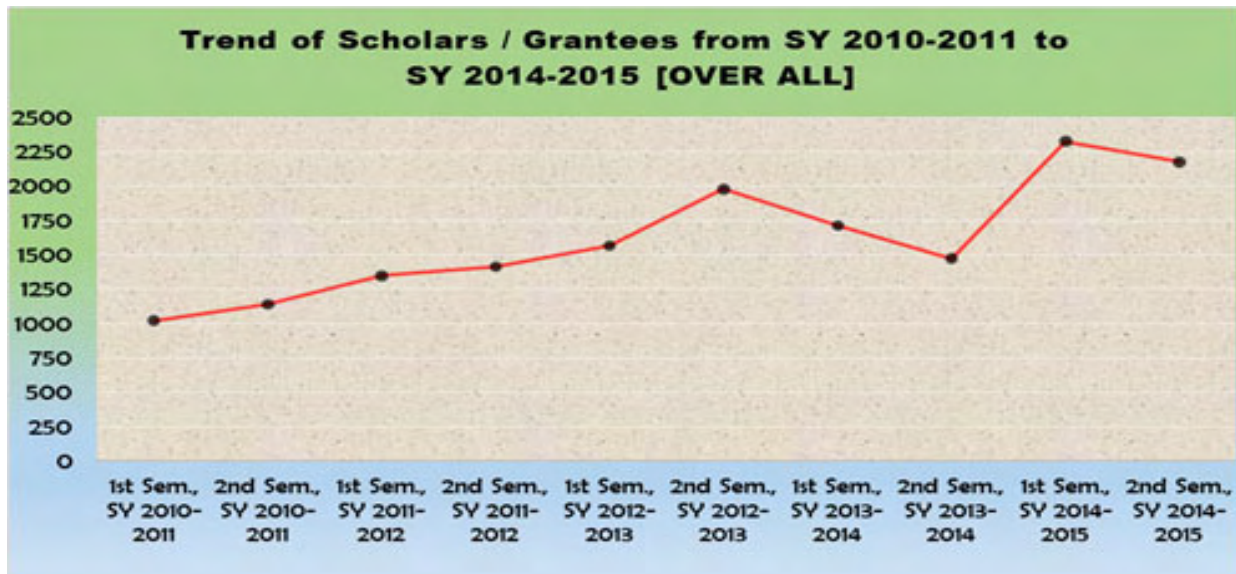


Figure 4. Scholarship trend among BSU students from 2010-2015

Table 14. Number of recipients of scholarships/grants (undergraduate)

No.	Scholarships or Grants	No. of Recipients
<b>BSU-BASED</b>		
1	University Academic Scholars	67
2	College Academic Scholars	147
3	BSU Employees Dependent	55
4	BSU-LGU Dependent	45
5	Athletics	127
6	Dramatics Club	26
7	Glee Club	21
8	Highland Cultural Dance Troupe	46
9	Lowland Cultural Dance Troupe	17
10	Marching Band	10
11	Mt. Collegian	11
12	Rondalla Club	12
13	ROTC	12
14	Student Supreme Government	13
15	CHED One Town-One Scholar (c/o BSU)	1
	Sub-total	<b>610</b>
<b>Other Government Scholarships and Grants</b>		
1	CHED Congressional Special Study Grant Program	16
2	CHED Grant for Foreign Students	3
3	CHED Full Merit Scholarship	33
4	CHED Full Scholarship	6
5	CHED Half Merit Scholarship	23
6	CHED One Town – One Scholar Grant (c/o CHED & BSU)	13
7	CHED Partial Scholarship	9
8	CHED Expanded Students' Grants-In-Aid Program for Poverty Alleviation	393
9	CHED Tulong Dunong Grant	754

No.	Scholarships or Grants	No. of Recipients
10	DA-ACEF	3
11	Department of Science and Technology (DOST-SEI)	33
12	Government Service Insurance System (GSIS)	2
13	La Trinidad, Benguet Municipal School Board (LTB-MSB)	3
14	Overseas Workers Welfare Association (OWWA-ODSP)	7
15	Philippine Veterans Affairs Office (PVAO)	2
16	Scholarship and Youth Development Program	4
17	SSS Loan Beneficiary	1
18	Youth in Agriculture and Fisheries Program (YAFP)	1
	Sub-total	<b>1,306</b>
<b>Private Sponsored Scholarships</b>		
1	Allied Botanical Corporation	5
2	Bayer Crop Science	1
3	BSU Alumni Association Inc. (BSU-AAI)	2
4	BSU Multipurpose Cooperative	4
5	Cordillera Green Network	14
6	Cesarea Romero Gil Foundation	2
7	Filipino-American Aggies	2
8	Dwight Henry "Ike" Dulnoan	2
9	Iyaman Foundation	6
10	LEADS Agri Angat Pinoy	4
11	Lepanto Educational Assistance Program	117
12	Luis Co Chi Kiat Foundation, Inc.	4
13	Philex Mining Corporation (Pusong Philex)	16
14	Philippine Agriculture and Resources Research Foundation, Inc. (PARRFI)	1
15	PLDT-SMART Foundation Gabay Guro (2G) Program	5
16	Syngenta Philippines, Inc.	2
17	The Cordillera Connection	16
	Total (Private Sponsored Scholars)	<b>203</b>
	Total No. of Scholars and Grantees (Undergraduate)	<b>2,119</b>

Moreover, 24 students enrolled in the graduate programs of the University are recipients of scholarships and grants (Table 15).

Table 15. Number of recipients of scholarship/grants (graduate programs)

No.	Scholarship and Grants	No. of Recipients
1	BSU Faculty & Staff Grant	20
2	Cesarea Romero Gil Foundation Scholarship Program	2
3	Don Mariano Marcos Memorial State University	1
3	Philex Mining Corporation (Pusong Philex)	1
	Total	<b>24</b>

## 2. Library Services

In compliance with CHED and AACCUP standards, the University Library and Information Services (ULIS) acquired a total of 1,018 library materials (292 books and 726 journals, magazines and newsletters).

A total of 34,909 library materials were circulated for the year 2014 based on the Follet Destiny record and 13,998 library materials from the Filipiniana were circulated for room use only. The Library opens from 7:30 am to 6:00 pm Monday to Saturday serving 197,682 library users in 2014.



*EVEN THE BLIND CAN USE THE LIBRARY. A library staff assists a blind student in researching at the library*



*ONLINE PUBLIC ACCESS CATALOGUE. One of the features of the University Library and Information Services is the use of OPAC instead of a card catalogue*



*EASY ACCESS TO INFORMATION. Mr. Noel Cabfilan orients the library users on the use of the Virtual Library*



### 3. Health Services

Composed of the Medical and Dental Clinics, the University Health Services (UHS) offers an array of medical and dental services promoting health awareness programs to its clients. Table 16 presents the number of clients served by the Unit.

Table 16. Number of clients served by UHS

Services	Number of Clients Served
<b>Medical Services</b>	
Consultation	2,471
Laboratory Examination	118
Blood Pressure Check	6,010
Follow Up	611
Issuance of Medical Certificates	1,234
Issuance of Medical Slips	3,283
Issuance of Clearance	262
Referrals	633
<b>Dental Services</b>	
Examination	357
Treatment	881
Referral	157
Issuance of Certificates	5
Prophylaxis	537
Tooth Extraction	633
Filling/Restoration	211
Oral Health Education	544
Other Treatment Services	59
Filling with Gloss Ionomer Cement	312
Resin	44
Sealant	59
<b>Medical, Dental, &amp; Optical Mission</b>	
Tooth Extraction	65
Oral Examination	66
Athletes Examined	37
Total	18,589



*HEALTH AWARENESS PROGRAM: Dr. Florence V. Poltic, Head of the University Health Services delivers a lecture on Smoking and Lung Cancer Prevention to Future Educators at the College of Teacher Education on Sept. 18, 2014*



*HEALTH PROMOTION: Ms. Melody P. Marchewka, University Nurse, gives a lecture to BSU High School Students on Non-Communicable Disease Prevention on Sept. 25, 2014 in celebration of the Medicine Week of the Baguio Benguet Medical Society (BBMS)*

### 4. Registrar's Services

The Office of the University Registrar (OUR) received a Certificate of Commendation from the Professional Regulation Commission (PRC), Baguio Regional Office for timeliness and 100 percent compliance with the Online Verification of Academic Records System (OVARS) of applicants for various licensure examinations in SY 2012-2013. This was awarded at Brentwood Apartelle, Brentwood Village, Baguio City on November 13, 2014.

Moreover, the University through the Office of the University Registrar (OUR) has received a Certificate of Accreditation from the Bureau of Immigration, Manila on Sept. 25, 2014. BSU is now certified as a duly accredited school/institution of the Bureau of Immigration (BI) with AAFS No. RBR-2000-004, hence, authorized to accept foreign students.

Table 17 summarizes the documents released by the OUR in 2014.

Table 17. Documents released by the OUR from January-December 2014

#	Month	Type and Quantity of Documents Released					TOTAL
		Diploma	Official Transcript of Records (OTR)	Certificate of Transfer Credential (CTC)	Certifications/ Authentication	Forms	
1	January	143	347	67	962	36	1,555
2	February	61	160	29	674	29	953
3	March	52	114	21	594	6	787
4	April	34	191	59	930	100	1,314
5	May	296	945	127	438	143	1,949
6	June	426	444	165	605	770	2,410
7	July	216	146	45	337	60	804
8	August	121	112	34	228	25	520
9	September	80	85	27	215	6	413
10	October	29	69	37	257	13	405
11	November	49	148	72	110	564	943
12	December	44	141	31	252	68	536
<b>Total documents issued</b>							<b>12,589</b>

## 5. Information and Communication Technology (ICT) Services

Bolstered by the ICT infrastructure put in place by the PIUC-VLIR project, the ICT Office continued to provide services to ensure that the university is at par with current ICT breakthroughs. For information systems and maintenance, the services rendered were the following:

- introduction of Edu 2.0 as a new cloud-based e-learning platform;
- creation of an Online Request Submission System that allows employees to forward their requests for technical assistance online;
- automatic forwarding of online requests to the e-mails of ICT personnel for greater chances of immediate receipt of response; and also to the e-mails of end-users for monitoring of their requests;
- provision of an area where authorized users can post announcements online; and
- integration of a chat feature allowing the exchange of message among online users.

The ICT Office also established and strengthened partnerships and collaborations with the following: Information Technology-Business Process Association of the Philippines (ITBPAP); Google Philippines; SMART Communications; Globe Telecommunications; SITEL; International Crops Research Institute for the Semi-Arid Tropics (ICRISAT); and Macintosh.

It is likewise noted that the university's website is among those in the country that attained Level 3 based on the United Nations and American Society for Public Administration (UN-ASPAs) five-stage model. This guide is being used by the Philippine government to assess the compliance of agencies to website standards. Level 3 indicates "interactive presence" or that the website "acts as a portal to connect users and service providers and the interaction takes place at a more sophisticated level". The highest level attained in the country so far is Level 3.

Furthermore, BSU ranked 23<sup>rd</sup> in terms of Web Presence among 277 Philippine universities in June 2014. This ranking is part of the Webometrics Ranking of World Universities done by the Cybermetrics Lab, a research group belonging to the Consejo Superior de Investigaciones Científicas (CSIC), the largest public research body in Spain. Web presence, also known as internet presence or online presence, is defined by Wikipedia as "the appearance of a person or organization on the World Wide Web. It can be measured in the amount of sites an organization or individual has, which can include their own website, social network profiles, and their site's search engine ranking, traffic, popularity, and backlinks."

## IV. RESEARCH AND EXTENSION SERVICES

- Higher education research improved to promote economic productivity and innovation
- Community engagement increased



## A. RESEARCH AND DEVELOPMENT ACTIVITIES

Underscoring the importance of knowledge to development, BSU's faculty members and researchers continue conducting studies for the improvement of products, processes and practices. Recognizing that knowledge sharing is as important as knowledge generation, accomplishments or outputs presented in this section include the presentation and publication of research papers for wide dissemination.

### 1. Researches Completed

Table 18 shows that 68 researches were completed in 2014. Almost three-fourths were in the technical categories of root crops, highland crops and agroforestry including animal science. The rest were in social fields like education and economics. A complete list of these researches are in Appendix C (page 64).

Table 18. Completed researches

Category	Number
Rootcrops	28
Highland Crops-Organic, Ornamental, Fruits	12
Forestry/Agroforestry & Animal R&D	8
Education/Social/Socio-economics	20
<i>Total</i>	68

### 2. Research Papers Presented

Figure 5 shows that research paper presentations were in various levels from local to international fora. Of the 220 papers, 123 were presented during the BSU in-house research review while 25 were presented in international conferences. A complete list of these papers are in Appendix D (page 67).

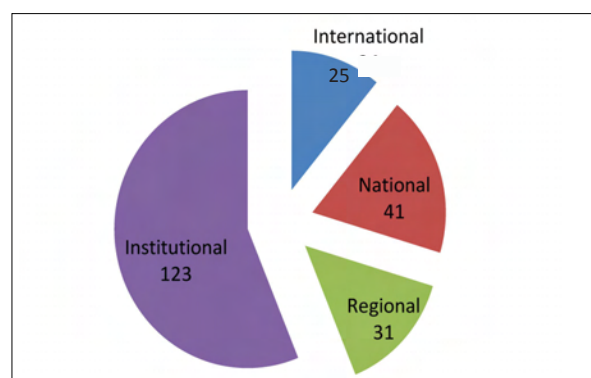


Figure 5. Distribution of research papers presented in international, national, regional and institutional fora

### 3. Research Papers Published

Ninety-two research papers were published in international, national, regional and institutional journals (Figure 6).

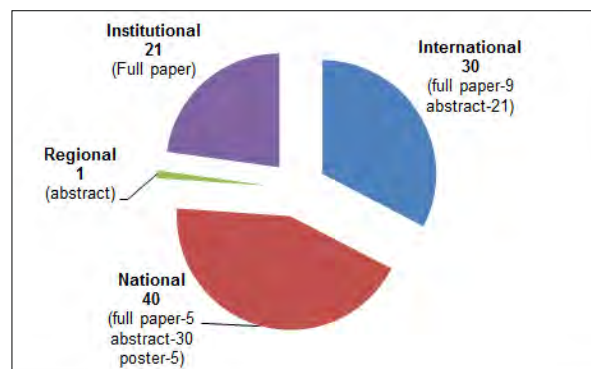


Figure 6. Distribution of papers published in international, national, regional and institutional journals



#### 4. Copyright Protection

The BSU Intellectual Property Rights Office (IPRO) submitted 16 creations/compositions in the form of workbooks, manuals, books, journals and newsletter to the National Library of the Philippines. Eight of these creations were also submitted for ISBN/ISSN (Table 19).

Table 19. Publications registered for copyright protection

Title	Author/s	Date Filed	Copyright Number
Workbook for Human Anatomy, Physiology and Kinesiology ISBN: 978-971-006-095-5	Eduardo P. Laconsay	Mar. 14, 2014	A2014-807
Manual for Rhythmic Activities and Dance ISBN: 978-971-006-067-2	Eduardo P. Laconsay	Mar. 27, 2014	A2014-806
WDD-Hinirang na Anak ng Inanglupa (The Chosen Son of the Motherland)	Gilda Victoria B. Jacalan	Mar. 17, 2014	A2014-723
Postharvest Handling and Seed Technology ISBN: 978-971-006-097-9	Araceli G. Ladilad, Fernando R. Gonzales & Victoria C. Milo	Jun. 14, 2014	ISSN only, no Copyright Registration
Introduction to Plant Physiology ISBN: 978-971-006-096-2	Darwin A. Basquial	Jun. 14, 2014	A2014-1698
Proceedings: Training on the Production of Potato Quality Planting Materials for Livelihood/ Entrepreneurship	Cynthia G. Kiswa Ines C. Gonzales	Jun. 13, 2014	A2014-1699
Nutrition News (c/o NDAP-Baguio-Benguet Chapter) ISBN: 2362-8979	Imelda Degay	Jun. 14, 2014	ISSN only, no Copyright Registration
IPA Journal ISBN: 2423-1681	Felipe S. Comila	Dec. 11, 2014	B2014-84
Module on Research Technology ISBN: 978-971-006-106-8	Ruth S. Batani	Dec. 11, 2014	O2014-1875
Let's Know our Native Shrubs and Trees ISBN: 978-971-006-107-5	John G. Tacloy	Dec. 11, 2014	O2014-1881
Chinese Cabbage Processing and Recipes for the Home ISBN: 978-971-006-108-2	Dominga E. Gabriel	Dec. 11, 2014	O2014-1874
Development of Appropriate Micropropagation Techniques for Benguet Lily Species ISBN: 978-971-006-111-2	Araceli G. Ladilad Jemma Rose M. Kilakil	Dec. 11, 2014	O2014-1878
Broccoli and Cutflower Production ISBN: 978-971-006-112-9	Silvestre K. Kudan	Dec. 11, 2014	O2014-1877
Compendium of Native Rice Varieties of Cordillera Administrative Region ISBN: 978-971-006-109-9	Belinda A. Tad-awan Esther Josephine D. Sagalla Ritcher B. Batalao	Dec. 11, 2014	O2015-304
Indigenous Food Crops Surveyed in the Cordillera ISBN: 978-971-006-110-5	Belinda A. Tad-awan Esther Josephine D. Sagalla Ritcher B. Batalao	Dec. 11, 2014	ISBN only (Copyright registered in 2015)
Botrytis Blight of Rose ( <i>Botrytis cinerea</i> ) (Brochure, no need for ISBN)	Asuncion L. Nagpala Jovelyn C. Alabat Meriam B. Panganiban	Dec. 11, 2014	O2014-1876
Downy Mildew of Rose ( <i>Penospora sparsa</i> ) (Brochure, no need for ISBN)	Asuncion L. Nagpala Jovelyn C. Alabat Meriam B. Panganiban	Dec. 11, 2014	O2014-1879
Leafpot of Alstroemeria ( <i>Atleternaria alstroemeriae</i> ) (Brochure, no need for ISBN)	Asuncion L. Nagpala Jovelyn C. Alabat Meriam B. Panganiban	Dec. 11, 2014	O2014-1880

## B. EXTENSION ACTIVITIES

### 1. Training and Outreach

The University conducted 237 training activities with a total of 17,578 participants (Table 20). Almost all of the trainees (98 percent) rated the training course and the timeliness of service delivery as good or better. Ninety five percent of the requests for trainings were responded to within three days of request.

Table 20. Summary of trainings/seminars/workshops conducted and co-implemented

Office/Center/Institute/ College	Number of Trainings Conducted	Number of Person Trained	Weighted Quantity *
Office of the Vice President for R&E/Office of Research Services	5	601	396
Office of Extension Services (OES)	19	1,123	1,571.25
Horticulture Research and Training Institute (HORTI)	3	1,923	1,961
Benguet Vegetable Processing Center (BVPC)	5	78	78
Northern Philippine RootCrops Research and Training Center (NPRCRTC)	19	727	974.75
Institute of Highland Farming Systems and Agroforestry (IHFSA)	5	211	253.25
Institute of Social Research and Development (ISRD)	10	1,001	1,037.25
National Organic Agriculture Research and Development Center (NOARDC)	4	157	249
Climate-Smart Agriculture Center (CSAC)	7	477	582.5
Higher Education Regional Research Center (HERRC)	5	282	292
Cordillera Regional Apiculture Center (CRAC)	5	236	224.5
Intellectual Property Rights Office (IPRO)	9	676	676
Agri-based Technology Business Incubation/Innovation Center (ATBI/IC)	15	449	714.25
College of Agriculture	35	1,774	2,383.50
College of Arts and Sciences	8	1,482	1,938
College of Home Economics and Technology	26	1,565	1,668.75
College of Engineering and Applied Technology	6	559	559
College of Forestry	4	203	803.5
College of Nursing	19	1,223	1,496.25
College of Teacher Education	17	832	852
College of Veterinary Medicine	1	473	473
Institute of Public Administration	5	131	131
Institute of Human Kinetics	5	1,395	1,521
<b>TOTAL</b>	<b>237</b>	<b>17,578</b>	<b>20,835.75</b>

\*no. of persons trained x length of training(<8hrs-0.50; 1 day-1.00; 2 days-1.25; 3-4 days-1.50; 5 days and more - 2.00)

The trainings conducted covered the following:

- organic agriculture
- community-based home enterprise technology trainings (livelihood) in coordination with Philex Mining Co.
- skills relative to rootcrop postharvest and processing and potato seed production
- postharvest technologies
- beekeeping and entrepreneurship with lecturers coming from Canada Executive Services Organization
- Livestock and swine production technologies including meat processing
- Other agri-based technologies
- Business planning, preparation of feasibility studies and research proposals and report writing
- Leadership, parenting and other topics related to improvement of teaching skills
- Alternative and renewable energy



*BSU Professor Alexander W. Fagyan demonstrates the proper way of determining the soil pH during the 3rd BSU Internal Guarantee System (BIGS) Qualifying Course on October 21-24, 2014*



*The participants during the Training on Biological Control of Cut flower pests and diseases on September 11-12, 2014 at the Balili Experimental Area*



*BSU Professor Paquito Untalan demonstrates woodworking during the training on Introductory Beekeeping Training for Beginners on October 18, 2014 at the CRAC Apiary*



*BSU Professor Silvestre L. Kudan shows which part to cut for lettuce ready to harvest during the Basic Postharvest Training Course on April 3-4, 2014 at the BSU Organic Demo Farm*

Outreach activities included community-based agriculture fora; sharing of resources and services; and advocacy activities on organic agriculture, environmental concerns, and social issues like suicide.



*Bags, school supplies and used clothings were given to the people of Napsong during the PROJECT BAGS activity*



*BSU Science Aide Casiano Pagadan collects infected pine tree bark for the Plant Health Clinic Project*



## 2. Technical Advisory Services

Table 21 shows that 4,003 individuals availed of the various technical advisory services being extended by the different R and E institutes/centers and colleges. These services were on various concerns in agriculture like plant disease diagnosis, soil analysis, planting materials; and other concerns like thesis writing, trainings, Intellectual Property Rights (IPR) protection and Information, Education and Communication (IEC) materials.

Of the 4,003 clients, 97 percent or 3,883 rated the advisory services and timeliness of service delivery as good or better. Ninety five percent of requests for technical assistance were responded to within three days of request.

Table 21. Summary of technical advisory services rendered

Office/Center/ Institute/ College	Number of Clients Served				Total
	1st Qtr	2nd Qtr	3rd Qtr	4th Qtr	
Office of Extension Services	571	50	493	675	1,789
Horticulture Research and Training Institute	188	30	71	60	349
Benguet Vegetable Processing Center			108	31	139
Northern Philippine RootCrops Research and Training Center	78	38	10	34	160
Institute of Highland Farming Systems and Agroforestry	15	51	52	17	135
Institute of Social Research and Development	1	205	86	24	316
Agri-based Technology Business Incubation/Innovation Center	0	0	102		102
Climate-Smart Agriculture Center	0	0		2	2
Intellectual Property Rights Office	3	3	7		13
Cordillera Regional Apiculture Center	0	162	0		162
College of Agriculture	5	6	33	5	49
College of Arts and Sciences			4		4
College of Home Economics and Technology	12	0	6		18
College of Veterinary Medicine	0	0	0	758	758
College of Engineering and Applied Technology			7		7
<b>TOTAL</b>	<b>873</b>	<b>545</b>	<b>979</b>	<b>1,606</b>	<b>4,003</b>

## 3. Technology Piloting and Demonstration

**Technology Demonstration.** Nineteen technologies were demonstrated in the demo-farms located on-station, on-farm and in communities (Table 22).

Table 22. Technology demonstrated in demo-farms

Title	Duration	Location	Cost	Persons Involved	Technologies Demonstrated	Activities /Accomplishment
<i>Office of Extension Services</i>						
Demo on the management strategy on the control of spider mites in strawberry	October 8, 2013 – June 2014 (8 mos)	BSU Balili Experiment Area	60,000	JG Dati RL Lumpio	Use of predatory mites in controlling spider mites	Predatory
Practical methods of using different trellis materials on snap beans	Jan. 28 – March 28, 2014 (3 mos) (3 ½ mos)	BSU Balili Experiment Area	20,000	JG Dati RL Lumpio	Different trellis materials	<ul style="list-style-type: none"> <li>• Four snap bean varieties were planted</li> <li>• Data gathering</li> <li>• Harvesting is ongoing</li> </ul>
Demo on the production of different potato varieties using mushroom compost	Jan. 28 – April 15, 2014	BSU Balili Experiment Area	5,000	JG Dati RL Lumpio	Use of mushroom compost	The plants are on their vegetative stage



Title	Duration	Location	Cost	Persons Involved	Technologies Demonstrated	Activities /Accomplishment
Vertical/ Urban gardening	Started March 10, 2014 and is a continuing activity		5,000	JG Dati RL Lumpio	<ul style="list-style-type: none"> <li>Landscaping techniques</li> <li>Use of hanging structure in strawberry production</li> </ul>	<ul style="list-style-type: none"> <li>Landscape was in place</li> <li>Constructed a structure for hanging strawberry</li> <li>Potting of strawberry plantlets</li> </ul>
Demo on diversified farming under greenhouse condition to mitigate climate change	Jan. 2014	BSU Balili Experiment Area		JG Dati RL Lumpio	Diversified farming	<ul style="list-style-type: none"> <li>Crop combination underway</li> <li>Cherry tomato still best for greenhouse Sugarbeets is being tried</li> </ul>
BSU OES Organic Demofarm	January - December	BSU Balili Experiment Area		CM Kilakil J Dolinas	<ul style="list-style-type: none"> <li>Use of predatory mites to control two-spotted mites in organic strawberry production</li> <li>Organic strawberry production using BSU produced lines</li> <li>Organic snap bean production using BSU selected varieties</li> <li>Greenhouse (protected agriculture) technology</li> <li>Fermentation of organic fertilizers (Fish Amino Acid, Fermented Fruit Juice) and botanical pesticides (Oriental Herbal Nutrient)</li> </ul>	<ul style="list-style-type: none"> <li>Planted strawberry and 10 varieties of snap beans</li> <li>Maintenance of farm and data gathering is ongoing</li> <li>Entertained/ toured/ lectured students from BSU and SLU Center</li> </ul>
BSU OES GAP Demofarm	continuing	BSU Balili Experiment Station		STGayao FTeleforo	<ul style="list-style-type: none"> <li>Use of different potato cuttings as planting material</li> <li>Free range chicken production techniques (feed formulation)</li> </ul>	Planted different kinds of potato cuttings in the field. Maintenance and data gathering is ongoing
Community-based demofarms	Started December 2014	Kayapa, Nueva Vizcaya		ST Gayao	Strawberry production technologies	
	Started December 2014	Tublay, Benguet				
<i>Northern Philippine Root Crops Research and Training Center (NPRCRTC)</i>						
Study 1. Demo farm on potato promising varieties cum multiplication on station	continuing	NPRCRTC	30,000	DT Meldoz G Tabdi E Bayas	<ul style="list-style-type: none"> <li>Promising varieties of potato</li> <li>Multiplication techniques on potato planting materials prod</li> <li>In-vitro propagation of potato</li> </ul>	Multiplication and maintenance of 6 varieties (Po3, Molinera, Raniag, Camelia, Ganza & Granola) using potato tuberlets
Study 2. Demo farm on different kinds of potato planting materials on station	continuing	NPRCRTC		DT Meldoz G Tabdi E Bayas		Multiplication & maintenance of 2 varieties (Granola Mexican and Granola B) using cuttings from in vitro plantlets

Title	Duration	Location	Cost	Persons Involved	Technologies Demonstrated	Activities /Accomplishment
Study 3. Demo farm on sweetpotato promising varieties cum multiplication on station	continuing	NPRCRTC		DT Meldoz G Tabdi E Bayas	<ul style="list-style-type: none"> <li>Promising varieties of sweetpotato</li> <li>Multiplication techniques on sweetpotato planting materials prod</li> </ul>	Multiplication and maintenance of 18 promising collections/ varieties
Study 4. Demo farm on taro promising varieties cum multiplication on station	continuing	NPRCRTC		DT Meldoz G Tabdi E Bayas	<ul style="list-style-type: none"> <li>Promising varieties of taro</li> <li>Multiplication techniques on taro planting materials prod</li> </ul>	Multiplication and maintenance of 2 varieties (Chinese and Mindanao)
Study 5. Demo farm on minor rootcrops cum multiplication on station	continuing	NPRCRTC		DT Meldoz G Tabdi E Bayas	<ul style="list-style-type: none"> <li>Promising varieties of minor rootcrops</li> <li>Multiplication techniques on potato planting materials prod</li> </ul>	Multiplication and maintenance of yakon, galiang, turmeric and arrowroot
Study 6. Diversified Rootcrops Showcase Component 1–Rootcrops and Vegetable Production Component 2 –Bio-compost Production Component 3–Vermicast Production Component 4–Poultry and Livestock production Component 5–Herbal garden Component 6–Fishpond	continuing	NPRCRTC	1M	All Staff	<ul style="list-style-type: none"> <li>Rootcrops and Vegetable Production Technologies</li> <li>Composting</li> <li>Vermicomposting</li> <li>Poultry and livestock production technologies</li> </ul>	Construction/ improvement of technoground and facilities
Food Processing		NPRCRTC			Processing technologies on root crops	
Chickpea/ Garbanzos Production		NPRCRTC				
<b>COLLEGES</b>						
<i>College of Engineering and Applied Technologies/Alternative Renewable Energy Center (AREC)</i>						
CEAT RDE Farm and Techno-Demo Park	continuing	CEAT			<ul style="list-style-type: none"> <li>Shallow tube well for irrigation</li> <li>Sprinklers and drip irrigation systems</li> <li>Aquaculture Systems</li> <li>Aquaponic systems</li> <li>Hydroponic Systems</li> <li>Protected agriculture</li> <li>Renewable energy systems</li> </ul>	Provided service to at least 100 students from various HEIs and at least 50 farmers
CEAT RDE Resource Center and Exhibit Area	continuing		50,000	JF Malamug, JT Mayomis, C. Tiw-an	Small farm machines and equipment	

**Technology Promotion Strategies.** Actual products and IEC materials on BSU research results were exhibited in various techno trade fairs conducted by BSU and DOST-CAR. IEC materials were distributed to clients, walk-in visitors and other stakeholders in the office and during RDE activities. BSU technologies were also promoted through lectures and interviews on the radio and on television.

Another technology promotion strategy was the distribution of planting materials to farmers. The kinds of planting materials and the recipients are listed in Table 23.

Table 23. Planting materials distributed to farmers

Planting Materials	Number of Planting Materials	Recipients	Title	Persons Involved
Potato rooted stem cuttings G0 tubers	11,000 pcs 180,000 pcs 47,000 pcs	65 farmers	Study 1. Demo farm on potato promising varieties cum multiplication on station Study 2. Demo farm on different kinds of potato planting materials on station	PA Dalang, CG Kiswa, TD Masangcay, J. Galian, F. Budas, J. Tomin, E. Gonzaga, N. Subli
Beniazuma Cuttings Bengueta cuttings Haponita cuttings	500 pcs 510 pcs 260 pcs	Febbie Elynn V. Managkal, Luna Apayao & Tomas L. Caoili Genna B. Jallorina, Lamut, Ifugao & Tomas L. Caoili Genna B. Jallorina, Lamut, Ifugao & Tomas L. Caoili	Study 3. Demo farm on sweetpotato promising varieties cum multiplication on station	DK Simongo, DT Meldoz, IC Gonzales, B. Duldulao
Taro corms	50 pcs	Genna B. Jallorina, Lamut Ifugao	Study 4. Demo farm on taro promising varieties cum multiplication on station	DK Simongo, IC Gonzales, W. Saytoc
Snap bean seeds	20 kilograms	68 farmers	Vegetable Seed Production cum Research Project (Bush and Pole Snap Beans)	AM Kimeu, BB Amlos, TJ de Leon, AB Otculan, SA Sanwen
Banana plantlets Strawberry plantlets	412 potted 30 plantlets 141 bottles 183 potted mother plants 3,550 mother plants	30 farmers (list can be obtained from Tissue Lab logbook), COARDC 20 farmers, researchers and other interested stakeholders (names are in the logbook) Strawberry Runner Production Proj. c/o Dr. Cardona (3,000) & COARDC (500)	Tissue Culture Laboratory	MR Dumaslan, LR Ollayan, L. de Venecia, WSaytoc, Jr.,
Strawberry runners	2,143 potted runners 10,420 pcs bareroot 31 plots	Strawberry growers	Strawberry Runner Production Demo	EV Cardona

#### 4. Technology Packaging, Publication and Information

Fifty-six topics discussed in the BSU-on-the Air program aired over DZWT focused on agriculture and related fields including BSU activities. Anchorperson, Dr. Silvestre Kudan answered 4,256 queries through the radio program and through text (short messaging service). He also received 516 'pasaload' from listeners requesting immediate response to their queries.

A School -on- Air (SOA) program on postharvest was launched on April 21, 2014 by the BSU OES and Philippine Center for Postharvest Development and Mechanization (PhilMech). Three hundred fifty (350) farmers from Benguet and nearby provinces enrolled in the program. Enrolees in the program were required to tune in every 5:45 to 6:00 AM from Mondays to Fridays and listen to the modules on Postharvest Handling of Horticultural Crops. Ten sub-topics were discussed and quizzes were given after each topic. Farmer-enrolees have sent their answers through text messaging while others submitted to the Office of Extension Services. Dr. Kudan graded their answers. The SOA graduation rites was conducted on June 26, 2014 at the BSU Gymnasium during the 98<sup>th</sup> BSU Foundation Anniversary.

Two issues of Rangtay were published for January to June and July to December, 2014. Two production guides were also published: "Broccoli and Cutflower Production Guide" and "Dragonfruit can be Grown in La Trinidad Conditions", both authored by Dr. Kudan.



## 5. Commercialization

Dark purple and orange flesh sweet potatoes processed into candies, haleya, hopia and yoghurt are being commercialized. These products have been found to have higher content of calcium and vitamins A and C. The Northern Philippine Root Crops Research and Training Center (NPRCRTC) started to commercialize the products in 2014. These are on display at the BSU Marketing Center and at the BSU Organic Market. The NPRCRTC also accepts orders from interested buyers. NPRCRTC also continues to conduct hands-on trainings to entrepreneurs and clients on sweet potato processing.

*Sweet potato candy*



*Sweet potato yoghurt*



*Sweet potato hopia*



*Various products on display at the BSU Marketing Center*

## 6. Monitoring and Evaluation

Twelve organic farms of trainees in Baguio, Benguet and Mt. Province were inspected and the owners were allowed to market their produce at the BSU Organic Market. The organic farm owners have attended and completed the BSU Internal Guarantee System (BIGS) Qualifying Course.



*Inspection team members headed by BSU Agricultural Technician Cus Kilakil visit the farms of BIGS trainees Mr. Timson Guilingen of Tublay, Benguet; Lorena Aquillo of Monamon Norte, Bauko, Mt. Province; and Mr. Ricardo Wakat of Taloy Sur, Tuba, Benguet*



### C. RESEARCH DEVELOPMENT AND EXTENSION MANAGEMENT

The BSU Research Journal has been accredited by CHED as Category B Journal which is recognized as a national level publication as per CHED Memorandum Order No. 5 s.2012. The office of the Vice President for Research and Extension through its Publication Office applied for this last December 2013. However, CHED required additional documents which were complied with and forwarded by the Publication Office on June 2014. On December 19, 2014, CHED released CMO No. 23 s.2014 which contains the list of accredited Research Journals, among them is the BSU Research Journal.

#### 1. Board Resolutions supporting Research and Extension

Table 24. Board resolutions supporting research and extension

Resolution Number	Date/Venue	Action
Res. No. 2322, s. 2014	168th BOR Meeting, October 7, 2014, CHED Manila	Approving the MOA between BSU-Northern Philippines Root crops Research and Training Center (NPRCRTC) and Municipal Government of Kayapa Nueva Viscaya on sweet potato production in the municipality
Res. No. 2323, s. 2014	168th BOR Meeting, October 7, 2014, CHED Manila	Approving the MOA between BSU-Northern Philippines Root crops Research and Training Center (NPRCRTC) and Municipal Government of Bongabon, Nueva Ecija on "Community-based promotion on variety production and processing of root crops technologies in Bongabon, Nueva Ecija".
Res. No. 2324, s. 2014	168th BOR Meeting, October 7, 2014, CHED Manila	Approving the MOA between BSU-Northern Philippines Root crops Research and Training Center (NPRCRTC) and DA-RFO, CAR on production of planting materials for White Potato processing variety.
Res. No. 2325, s. 2014	168th BOR Meeting, October 7, 2014, CHED Manila	Confirming the MOA between BSU and DTI CAR on the Shared Service Facilities (SSF) Project
Res. No. 2250 s. 2014	165th Special BOR Meeting, January 10, 2014, BSU Adcor	Approving the Memorandum of Understanding between BSU and Philex Group Foundation, Inc. for the creation and implementation of a Community-based Home enterprise technology Training program and Trainers' Training Program on meat processing.
Res. No. 2281 s. 2014	167th BOR Meeting, July 5, 2014, BSU Adcor	Confirming the memorandum of agreement between the Regional Development Council-Cordillera Administrative Region (RDC-CAR) and Benguet state University
Res. No. 2284 s. 2014	168th BOR Meeting, October 7, 2014, CHED Manila	Confirming the Memorandum of Agreement between the department of Agriculture Regional Field Office-CAR, and the Benguet State University on the project entitled: "National Cooperative Testing of Rice for Cool Elevation"
Res. No. 2285 s. 2014	169th BOR Meeting, July 5, 2014, BSU Adcor	Approving the Memorandum of agreement between the Cordillera Disaster Response and Development Services (CRDS) and the Benguet State University on the project: "Responding to the Urgent Need to Save the Cordillera Watershed"
Res. No. 2286 s. 2014	170th BOR Meeting, July 5, 2014, BSU Adcor	Approving the Memorandum of agreement between BSU and DA-RFO-CAR on the project: "Raising productivity and Enriching the Legacy of Heirloom/Traditional Rice through empowering Communities in Unfavorable Rice-Based Ecosystem"
Res. No. 2307, s. 2014	168th BOR Meeting, October 7, 2014, CHED Manila	Approving the Memorandum of agreement between BSU Office of Extension Services and Office of Municipal Councilor Dee Homer "Goldenboy" U. Herrera re: Agribalikatan project.

## 2. Linkages

Table 25 shows the list of new and continuing linkages in the field of research and extension.

Table 25. List of new and continuing linkages in the field of research and extension

Name of Partner Agency/Organization	Type of Project/ Undertaking	College/ Center/Office Involved	Duration	Activities Done
<b>International</b>				
Flemish Inter-university Council (VLIR)	Implementation of research initiative project	OVPRE, CSAC, HERRC, Plant Pathology Dep't., Soil Science Dep't., Agronomy Dep't.	2014 – 2017	On-going conduct of research activities
ICRISAT	Implementation and strengthening of the education-research-extension continuum	BSU	5 years	Student scholarship; conduct of training activities
Canadian Executive Services Organization	Implementation of training activities	OVPRE, CRAC, CSAC, ISRD, OES	Continuing	Conducted seminar on beekeeping, entrepreneurship, and proposal preparation and packaging
Prathista Industries	Implementation of research	CSAC, CA, NPRCRTC	Continuing	On-going conduct of research activities
Rocky Mountain Coffee	Technical assistance and marketing of Arabica coffee green beans	IHFSA	5 years	- Continuous conduct of farmers trainings - Continuous provision of technical assistance to various Arabica coffee growers
Neys-van Hoogstraten Foundation	Implementation of researches	NPRCRTC	Continuing	On-going conduct of research activities
CIP-IFAD	Implementation of researches	NPRCRTC	Continuing	On-going conduct of research activities
<b>National</b>				
Commission on Higher Education	Implementation of research projects	BSU - HERCC	Continuing	On-going conduct of research activities
Alabel, Sarangani Province	Agribalikatan Project	OES	July 20, 2014 – July 20, 2016	Trained 2 staff from Sarangani Province
Nueva Viscaya State University	Research Journal Exchange	BSU	Continuing	MOA signed
PCAARRD	Implementation of R and D Programs: Organic Arabica Coffee Production in Benguet and Organic Vegetable Production	IHFSA, HORTI	Continuing	On-going conduct of research activities
Philippine Coffee Board, Inc. – Pilipinas Gising at Magkape (PGAM) Program	Technical assistance and as the Focal Partner University for PGAM-Northern Luzon	IHFSA	3 years	- Continuous conduct of farmers trainings - Continuous provision of technical assistance
DMMMSU-NARTDI	Project	CRAC	Continuing	On-going conduct of research and extension activities
DA-BAR	Implementation of researches	HORTI	Continuing	On-going conduct of research activities
DA-BAFPS-NOAB	Implementation of researches	NOARDC	Continuing	On-going conduct of research activities

Name of Partner Agency/Organization	Type of Project/ Undertaking	College/ Center/Office Involved	Duration	Activities Done
VISCA	Implementation of researches	NPRCRTC	Continuing	On-going conduct of research activities
Phil Rice	Implementation of researches	IPRO	Continuing	On-going conduct of research activities
DOST	Conduct of research – The Care Economy: Time Use and Well-being of Selected Benguet Farming Household in the Context of Climate Change	ISRDC, CAS	Continuing	Study on-going
DOE	Affiliated Non-Conventional Energy Center Project	CEAT	Continuing	On-going conduct of research activities
PCIEERD	Implementation of Research Projects	CEAT	Continuing	On-going conduct of research activities
Local / Regional				
DA-CAR	Production of Arabica coffee seedlings	IHFSA	April 2014 – April 2015	Started production of seedlings
PDA- Benguet Chapter, Rotary Clubs of Korea, La Trinidad, and Baguio City	Conduct of Medical-dental mission	BSU	Dec-14	Medical-dental mission conducted
Local Government Unit of Piddig, Ilocos Norte	Technical Cooperation and Transfer of Coffee Production Technology		Continuing	On-going conduct of extension activities
Saint Louis University	Joint implementation of project	BSU	Continuing	On-going conduct of research activities
Mt. Province Broadcasting Corporation (DZWT)	BSU on the Air	OES	January – December 2014	Aired various topics on agriculture and related fields. Received and answered text queries from listeners.
Municipal Government of Mankayan	Community-based Home Enterprise Technology Trainings (CHETT)	CHET	January 21, 2013 – December 31, 2014	Conducted various trainings on technologies for livelihood purposes
Philex Group Foundation, Inc.	Community-based Home Enterprise Technology Trainings (CHETT) and Trainer's Training Program on meat processing	CHET	January – June 2014 (6 months duration)	Conducted various trainings on technologies for livelihood purposes
Cordillera Regional Health Research and Development Consortium (CRHRDC)	Research	BSU and CRHRDC	Continuing	- Meeting on December 17, 2014 - Data spoken and qualitative research training tools - November 15, 2014
Cordillera Disaster Response and Development Services (CorDisRDS)	Research and Extension	ISRDC and CorDisRDS	1 year	- Presented the "Compendium of the Related Literature on the Agno-Abra River Watershed" in a meeting on December 15, 2014 - Presented the technical review schedule and preparation, workplan for the extension component on November 14, 2014

Name of Partner Agency/Organization	Type of Project/ Undertaking	College/ Center/Office Involved	Duration	Activities Done
DSWD-CAR	Partnership in Veggie Noodle Production for DSWD Calamity and Disaster Relief Goods Program	BVPC	2013-2015	Submission of production plan, certification of product quality, financial and weekly capacity, BFAD license
LaTOP	Partnership in Production of Organic Food Products	OES	2013 Onwards	Continues purchase and production of organic food products
Cordillera Regional Arabica Coffee Council (CRACC); DA-CAR	Advisory/Focal Person	IHFSA	Continuing	- Regular meetings, planning workshops - Trainings on Arabica coffee production and postharvest technologies, technical assistance to farmers
Department of Trade and Industry-CAR	Advisory Board and Resource Person	IHFSA	Continuing	Trainings on Arabica Coffee Production and Postharvest technologies, technical assistance to farmers
Local Arabica Coffee Growers, Cooperatives/ Associations in the CAR	Resource person, Technical Adviser	IHFSA	Continuing	Trainings on Arabica coffee production and postharvest technologies, technical assistance to farmers
San Pascual, Tuba	BSU Heralds sa Barangay	OES	Continuing	Community-based Agriculture Forum in San Pascual, Tuba
Tublay Municipal LGU	Community Organizing		January 12, 2011- January 12, 2016 / 5 years	Conducted trainings on crop production and processing and on vermicomposting
Itogon	Organic demo establishment, vermicomposting	R and E sector	Continuing	MOA signed
Balili Organic Farmers Association (BOFA)	BSU Organic Market	OES	continuing	Conducted training on practical organic agriculture and established the BSU Organic Market
DAR-CAR	Project and Progress and Process monitoring project Batch 2	ISRDR; CA and CAS faculty members	2014-2016	Process and Progress Monitoring on-going
Camp John Hay Management Corporation	Implementation of research	OVPRE; CA and CF Faculty members	2013-2015	On-going conduct of research activities
Research Mate	Extension	ISRDR and CAS	2 years	Launched the Website: Pansigedan Tako Am-in on September 19, 2014



### 3. EQUIPMENT/FACILITY UPGRADING



*Fabricated hive and beekeeping tools of the Cordillera Apiculture Research Center*



*An Automatic weather station funded by CHED and installed at CSAC for climate change researches*



*One unit shredder released by DA-CAR as part of the Climate-Smart Agriculture Center Techno Demo Project*



*On-going construction of the Animal House at CSAC Experiment Farm*

# V. GENERAL ADMINISTRATION AND SUPPORT SERVICES



Critiquing of outputs with the facilitator during the Strategic Plan Review and Operational Planning on Nov. 11-14, 2014



Civil Service Month Celebration 2014



Enhancement Training on Ethical and Principled Obligation for newly-hired Non-teaching Employee on September 24, 2014

## A. DEVELOPMENTS AT THE ADMINISTRATION FRONT

### 1. Changes in the Governing Board

The elected president of the Student Supreme Government Federation, Ms. Ruth T. Eteng was appointed as the student regent during the 168<sup>th</sup> Board of Regents meeting on October 7, 2014.

To represent the private sector, Dr. Ryan C. Guinaran and Atty. Malcom P. Bacuso were appointed as new regents during the 169<sup>th</sup> Board of Regents meeting on November 18, 2014 at the CHED Main Office in Diliman, Quezon City.



*Oath taking of Dr. Ryan C. Guinaran and Atty. Malcom P. Bacuso, new members of the BSU Board of Regents on November 18, 2014*

### 2. Information Dissemination

In 2014, the University Public Affairs Office (UPAO) dispatched 129 articles via the Shamag, BSU website and other media outfits; published seven information, education, and communication materials; provided assistance to 205 official visitors; documented 71 University activities; facilitated the preparation and printing of 323 welcome/congratulatory banners and other signages.

### 3. Planning and Monitoring

The Planning and Development Office (PDO) facilitated the review of the Strategic Plan and the preparation of 2015 Operational Plans on November 11-14, 2014. The activity was participated in by 134 unit heads and representatives under the Academic, Research and Extension, Business Affairs and Administration sectors. The PDO also conducted monitoring and evaluation of different units based on their operational plans, OPCR and DPCR for the period Jan-June and July-December 2014.



*Presentation and critiquing of outputs during the planning workshop on November 11-14, 2014*



#### 4. Safeguarding the BSU Land Reservation

To safeguard the rights of BSU over its land holdings, the Land Reservation Office (LRO) staff conducted the following:

- a. inspection and monitoring of reservations at Ampasit, Sadjatan, Timoy, Balili, Talinguroy, Wangal, Dessay, Gayasi, Bineng, Alapang, Lubas, Tawang, Tabangaoen Dessay, Puguis, Swamp and Buyagan;
- b. land survey at Buyagan, Swamp area and Tabangaoen covering the Agri-Pinoy project site, Mushroom and Sericulture project;
- c. follow-up and submission of required documents in the BSU application for Special Patent at DENR-CAR, DOH-Central Office and LMB-DENR, Manila;
- d. monitoring, identification and verification of BSU lot boundaries at Lot 16 and Swamp area;
- e. follow-up of request at ROD, Benguet for the acquisition of certified true copies of land titles of occupants within the BSU lot under Proclamation No.698 at Buyagan;
- f. acquisition of Tax Declaration of Lot 26, Lot 46, PCS-1-000447 (OLT) and Lot 47, PCS-131110-000258 (AR) at Balili;
- g. issuance of certification for 70 lots outside BSU reservation; and
- h. survey of boundaries and interview with claimants at Lot 3 (Wangal) and Lot 4 (Alapang).

#### 5. Legal Services

The Legal Affairs Office handled 41 cases in 2014, 18 of which were Court Cases, 14 Administrative Cases, and 9 other cases. Moreover, 839 legal documents were processed from January to December 2014. Legal opinions, assistance and counseling on issues affecting different sectors of the University were also provided.

#### 6. Human Resource Development

**Study leave, sabbatical leave and scholarship grants.** Table 26 presents those who were on study leave or on scholarship grants, while Table 27, those on sabbatical leave.

Table 26. Employees granted study leave and scholarship grants

Name	Scholarship/ Grant	School	Degree/Title	Period of Grant
<b>ON LOCAL/FOREIGN SCHOLARSHIP</b>				
Alawas, Dolores E.	BSU Full Local Scholarship	University of the Cordilleras	PhD in Language Education	June 6, 2011 - June 5, 2014
Sa-ao, Beverly C.	BSU Full Local Scholarship	Saint Louis University	PhD. Management	June 6, 2011 - June 5, 2014
Degay, Imelda O.	DOST Full Scholarship	University of the Philippines, Los Banos	PhD in Nutrition	June 4, 2012 - June 3, 2015
Maddino, Carmelo W.	DOST Full Scholarship	De La Salle University	PhD in Science Education, Mathematics	Sept. 10, 2012 - Sept. 9, 2015
Bawang, Rex John G.	CCU Scholarship	Chinese Culture University	MS Sports	Feb. 15, 2013 - Feb. 14, 2015
Ayban, Leila Mary A.	DOST Full Scholarship	University of the Philippines, Los Banos	PhD in Horticulture	June 1, 2013 - Apr. 30, 2016
Das-ilen, Gemma S.	DOST Full Scholarship	University of the Philippines, Los Banos	PhD in Entomology	June 1, 2013 - Apr. 30, 2016
Kingan, Madeline S.	DOST Full Scholarship	University of the Philippines, Los Banos	PhD in Animal Science	June 1, 2013 - Apr. 30, 2016
Pablo, Janet P.	DOST Full Scholarship	University of the Philippines, Los Banos	PhD in Agronomy	June 1, 2013 - Apr. 30, 2016



Name	Scholarship/ Grant	School	Degree/Title	Period of Grant
Dianso, Joseph A.	BSU Full Local Scholarship	Central Luzon State University	MA Vet. Science	June 1, 2013 - May 30, 2015
Molintas, Edgar M.	BSU Full Local Scholarship	Saint Louis University	PhD in Engineering	June 1, 2013 - May 30, 2016
Villagracia, Liezl B.	BSU Full Local Scholarship	Don Mariano Marcos Memorial State University	MA in Music	June 1, 2013 - May 30, 2015
Poltic, Florence V.	BSU Full Local Scholarship	Saint Louis University	Master in Public Health	June 6, 2013 – Mar. 30, 2014
Buasen-Ocasen, Susan P.	BSU Short-term study leave with pay/reporting "ON-CALL"	Benguet State University	PhD. Educational Management	July 15, 2013 - July 14, 2014
Talkasen, Lynn J.	KGPA (Korean Green Promotion Agency)	Kyungpook National University	PhD in Ecology & Environmental Systems	Aug. 1, 2013 - Aug. 31, 2015
Bawang, Ederson G.	DOST Full Scholarship	De La Salle University	PhD in Physics	Sept. 16, 2013 - Sept. 15, 2016
Cosalan, Valerio T.	BSU Short-term study leave with pay	Benguet State University	MA Forestry	Nov. 2013 - Apr. 2014
Romero, Loreta C.	BSU Full Local Scholarship	Central Luzon State University	PhD in Animal Science	Nov. 2013 - Oct. 2016
Basalong, Andres A.	BSU Short-term study leave with pay	Benguet State University	PhD Philosophy	Dec. 23, 2013 - Oct. 31, 2014
Lumbres, Roscinto Ian C.	KFRI- Warm and Subtropical Forest Research	Korea Forest Research Institute	Post-Doctorate Forestry	Febr. 1, 2014 - Jan. 31, 2015
Amatorio, Marietta Q.	BSU Full Local Scholarship	University of the Philippines, Los Banos	MS Veterinary Epidemiology	Apr. 2014 - July 2015
Mangahas, Gretchen C.	BSU Full Local Scholarship	University of the Philippines, Open University	PhD in Communication	June 1, 2014 - Mar. 31, 2016
Tero, Jojo N.	BSU Full Local Scholarship	Don Mariano Marcos Memorial State University	BS Industrial Technology	June 1, 2014 - Mar. 31, 2016
Pawid, Raymundo H., Jr.	BSU Full Local Scholarship	University of Santo Tomas (UST)	PhD in Clinical Psychology	June 4 - Oct. 31, 2014 & Dec. 2014 to May 2015
Andres, Jamesly T.	BSU Full Local Scholarship	Central Luzon State University	PhD in Crop Science	June 16, 2014 - June 2017
Basquial, Darwin A.	DOST Full Scholarship	University of the Philippines, Los Banos	PhD in Horticulture	July 2014 - July 2017
Florentin, Josel M.	DOST Full Scholarship	University of the Philippines, Los Banos	PhD in Forestry	Aug. 2014 - Aug. 2017
Apilis, Leonardo T.	BSU Short-term study leave with pay	University of the Cordilleras	PhD in Language Education	Nov. 3, 2014 - Apr. 11, 2015

Table 27. Employees granted sabbatical leave

Name	College/ Dept.	Study/Book Title	Period of Grant
Bolinto, Henry K.	CTE	Present Status of BSU Land Holdings	June 1, 2013- June 1, 2014
Calias, Florida	ULIS	Benguet: Her Growing Glories	Oct. 20, 2014- Oct.19, 2015
Lubrica, Ma. Azucena B.	CAS	Statistics 201: Methods of Research	June 9, 2014- June 8, 2015
Sito, Leonila R.	CTE	Lecture Manual on subjects taught in the Graduate and Undergraduate school courses	June 9, 2014- June 8, 2015

**Dissertation/thesis assistance.** Eleven employees were granted dissertation/thesis assistance in 2014. The grantees took their studies at Benguet State University, Saint Louis University, and University of the Cordilleras.

Table 28. Employees granted dissertation/thesis assistance

Name	Scholarship/ Grant	School	Degree/Title	Research Title
Ablaza, Gretchen Gaye C.	Dissertation Assistance	Benguet State University	PhD in Educational Management	The Effect of Positive Organizational Behavior Training to Employees' Psychological Capacities
Aglasi, Mitche A.	Dissertation Assistance	Saint Louis University	PhD in Language Education	Sosyolingguwistikang Pagsusuri ng mga Piling Dad-at ng Kankanaey ng Benguet
Alawas, Dolores E.	Dissertation Assistance	University of the Cordilleras	PhD in Language Education	Translation Competence of BEE Pre-Service Teachers
Angiwan, Evelyn S.	Dissertation Assistance	University of the Cordilleras	PhD in Educational Management	Workplace Spirituality and Leadership Styles of Selected Higher Education Institutions in Baguio City and Benguet
Botengan, John P.	Thesis Assistance	Benguet State University	MS in Agricultural Education	Managerial Practices in the Secondary Schools of Benguet
Busongan, Carolyn L.	Thesis Assistance	Benguet State University	MS in Public Administration	Correlates of the Implementation of HRD Programs on Employee Performance in Benguet Provincial Capitol
Cosalan, Valerio R.	Thesis Assistance	Benguet State University	MS in Forestry	Perception of Barangay Banangan Residence on Agroforestry as Enhancement for Livelihood
Cuevas, Jingle P.	Dissertation Assistance	Benguet State University	PhD in Educational Management	School Culture and Climate: Their Correlative Link to School Performance
Kipaan, Lauren P.	Thesis Assistance	Saint Louis University	MA in Library and Information Technology	Open Access Digital Library of Benguet State University
Ros, Winston N.	Dissertation Assistance	Benguet State University	PhD Language Education	Pamumunong Gawi ng mga Guro sa Filipino sa Antas Tersarya
Sagandoy Tecah C.	Dissertation Assistance	Benguet State University	PhD in Educational Management	Classroom Management Styles, Problems, and Strategies of Pre-Service Teachers of BSU

**In House Service Trainings.** The Office of the Personnel Development and Psychological Services (OPDPS) and Gender and Development (GAD) unit conducted 14 in-house service trainings within the year (Table 29).

Table 29. In House service trainings conducted by OPDPS and GAD unit

Title	Date	No. of Participants
<b>Trainings conducted by OPDS</b>		
Management Capacity Building	June 26, 2014	80
Orientation Seminar for Newly-Hired Teachers	June 12, 2014	50
Enhancement Training on Ethical and Principled Obligation for Newly-Hired Non-Teaching Employees	Sept. 24, 2014	60
Orientation on Quality Management System/Closing Program of university Celebration of the 114 <sup>th</sup> Philippine Civil Service Anniversary (PCSA)	Sept. 30, 2014	627
<b>Trainings conducted by the GAD Unit in coordination with OPDPS</b>		
Enhancement Seminar of CTE Faculty on GAD Related Law	Jan. 24, 2014	73
Gender and Development Orientation	Feb. 21, 2014	69
Women's Month Celebration 2014: Adlay Livelihood Training-workshop	Mar. 28, 2014	24
Enhancement Training on Moral and Behavioral Obligation and Ascendancy in Eliminating Gender Barriers	Mar. 13-14, 2014	47
Management Capacity Building	June 26, 2014	80
Strengthening and Mobilizing GAD Representative through a Capability Building Training-Workshop	Aug. 19, 2014	34
Enhancement Training on Ethical and Principled Obligation for Newly-Hired Non-Teaching Employee (2011-Present)	Sept. 24, 2014	51
Comprehensive Training on Gender Mainstreaming for Technical Staff of the BSU Focal Point System	Oct. 14-16, 2014	28
Learning Development Towards Quality Organizational Performance and Gender Mainstreaming: An orientation	Oct. 31, 2014	556
GAD Planning and Budgeting	Nov. 4, 2014	24

**Trainings/workshops/seminars participated.** Table 30 shows the trainings/workshops/seminars attended in international, national, regional and local fora by faculty and academic staff.

Table 30. Distribution of trainings/workshops/seminars participated by faculty and academic staff

TOTAL FACULTY/ STAFF	CA	CAS	CEAT	CF	CHET	CN	CTE	CVM	IHK	IPA	OSS	OUR	Bokod
	74	81	8	15	13	14	67	12	9	3	30	10	25
International	6	7	1	2	4	5	7	1			2		
National	29	44	5	9	17	11	36	7		3	31	6	3
Regional	5	6		4	22	7	19		4	1	1	2	7
Local	57	52	4	14	59	15	96	19		10	47	5	13
<b>Total</b>	<b>97</b>	<b>109</b>	<b>10</b>	<b>29</b>	<b>102</b>	<b>38</b>	<b>158</b>	<b>27</b>	<b>4</b>	<b>14</b>	<b>81</b>	<b>13</b>	<b>23</b>

**Awards and Citations.** The following outstanding employees were awarded during the 98<sup>th</sup> Foundation Day Celebration at the University Gymnasium on June 27, 2014.

1. Augelie D. Botalon, *Best Non-Teaching Staff*
2. Elvira G. Dines, *Outstanding Teacher*
3. Imelda G. Parcasio, *Distinguished Teacher*
4. Sunny M. Quintos, *Outstanding Non-Teaching Staff*
5. Donita K. Simongo, *Distinguished Extension Worker*
6. Constantino T. Sudaypan, *Outstanding Extension Worker*
7. Belinda A. Tad-awan, *Outstanding Research and Development Manager*

**Research Awards.** BSU researchers were also given awards and recognition during conventions at different levels: international (4), national (6), regional (5) and local (18). The detailed list is on Appendix E (page 73).

**Loyalty and Service Awardees.** Loyalty awards were given to 21 employees for ten years in service and service awards to 68 employees for having rendered 15, 20, 25, 30, 35, 40 years of service. Loyalty awardees were given PhP 10,000 and service awardees, PhP 5,000.

Loyalty Awardees (10 Years in Service)

- |                                |                            |                            |
|--------------------------------|----------------------------|----------------------------|
| 1. Afuyog, Mirafel T.          | 8. Dulay, Odelon C.        | 15. Manas, Froilan B.      |
| 2. Allay, Brenda B.            | 9. Garambas, Cynthia D.    | 16. Parcasio, Imelda G.    |
| 3. Baterina, Laura Criselda R. | 10. Gayumba, Roger T.      | 17. Sad-ang, Alexandra S.  |
| 4. Bolona, Marcelina L.        | 11. Guerrero, Felicitas D. | 18. Tanguid, Leon B.       |
| 5. Botengan, Desiree F.        | 12. Jalon, Lea M.          | 19. Tipayno, Sherlyn C.    |
| 6. Cuyan, Aurora S.            | 13. Kilakil Cus M.         | 20. Valles, Carol Ruth L.  |
| 7. Das-ilen Gemma S.           | 14. Laking, Karen O.       | 21. Villagrancia, Liezl B. |

Service Awardees (15 Years of Service)

- |                             |                             |                             |
|-----------------------------|-----------------------------|-----------------------------|
| 1. Anas, Abansi P.          | 9. Carbonell, Rhea Elena S. | 17. Ngiwas, Sano L.         |
| 2. Bao-Idang, Bernadette M. | 10. Dayao, Dominga U.       | 18. Politchay, Nelson A.    |
| 3. Bao-Idang, Conrado C.    | 11. Deponio, Christopher P. | 19. Quijano, Grace D.       |
| 4. Basquial, Sheila Mary V. | 12. Florentin, Josel M.     | 20. Raza, Bayani C.         |
| 5. Botiwey, Patselyn A.     | 13. Guron, Maricel A.       | 21. Sibayan, Sammy N.       |
| 6. Buasen-Ocasen, Susan P.  | 14. Kinnud, Richard H.      | 22. Tul-ing, Leticia C.     |
| 7. Bumatay, Rita P.         | 15. Lacanaria, Erli Rose M. | 23. Wacangan, Rose V.       |
| 8. Calabis, Gerry Anne W.   | 16. Moresto, Danny G.       | 24. Wanawan, Donato R., Jr. |

Service Awardees (20 Years of Service)

- |                        |                       |                           |
|------------------------|-----------------------|---------------------------|
| 1. Amoy, Teljac P.     | 4. Carlos, Editha D.  | 7. Parao, Marissa R.      |
| 2. Bawang, Franklin G. | 5. Delmas, Edna B.    | 8. Poliden, Samuel S.     |
| 3. Biteng, Carolyn C.  | 6. Nitron, Jocelyn G. | 9. Ramos, Jennifer Lyn S. |

Service Awardees (25 Years of Service)

- |                         |                       |                          |
|-------------------------|-----------------------|--------------------------|
| 1. Bagtila, Johnson G.  | 4. Kimeu, Amelia M.   | 6. Valdez, Ramon B., Jr. |
| 2. Delmas, John C.      | 5. Navarro, Medina B. | 7. Villa, Emelda E.      |
| 3. Fernandez, Editha M. |                       |                          |

Service Awardees (30 Years of Service)

- |                        |                                |                        |
|------------------------|--------------------------------|------------------------|
| 1. Alupias, Erlinda B. | 7. De Leon, Teresita J.        | 13. Sim, Jovita M.     |
| 2. Botangen, Arthur T. | 8. De Los Santos, Feliciano R. | 14. Simongo, Donita K. |
| 3. Botangen, Esther T. | 9. Dumapis, Diego P.           | 15. Tacloy, John G.    |
| 4. Cuadra, Eugenio G.  | 10. Grande, Wagner F.          | 16. Tecne, Elson G.    |
| 5. Dati, Johnny G.     | 11. Lubrica, Joel V.           |                        |
| 6. Dayao, Pedro T.     | 12. Picpican, Pedro T.         |                        |



Service Awardees (35 Years of Service)

- |                           |                          |                        |
|---------------------------|--------------------------|------------------------|
| 1. Abellera, Cunegunda D. | 5. Duldulao, Benjamin S. | 9. Salvador, Carmen H. |
| 2. Bernard, Henry S.      | 6. Feleciano, Jones K.   | 10. Vasquez, Maria B.  |
| 3. Bilag, Adolfo N.       | 7. Gayao, Betty T.       |                        |
| 4. Dalang, Paz A.         | 8. Pinon, Aurora F.      |                        |

Service Awardees (40 Years of Service)

1. Domingo, Norma P.
2. Mamaril, Erma K.

**Graduate Studies Completed.** Seventeen faculty members and four academic staff members completed their graduate studies, seven with doctorate degrees. Three of these graduates were granted by the University with financial assistance and deloading while two other faculty members were also deloaded to finish their dissertation/thesis.

Table 31. List of personnel who completed graduate studies in 2014

Name	Unit Assignment	Degree and Specialization/ Scholarship	School Attended	Date of Graduation
<b>COLLEGE OF AGRICULTURE</b>				
Hector C. Gayomba	Agronomy	MS in Agronomy	BSU	Jun.14, 2014
<b>COLLEGE OF ARTS AND SCIENCES</b>				
Geoffrey C. Amlos	Social Sciences	MA Philosophy	SLU	Mar.14, 2014
Gigy G. Banes	Social Sciences	PhD Educational Management BSU-Financial Assistance and (Deloading)	BSU	Mar.14, 2014
Tecah C. Sagandoy	Social Sciences	PhD Educational Management (BSU-Financial Assistance and Deloading)	BSU	Mar.14, 2014
Kenneth B. Pakipac	MPS	PhD Educational Management	BSU	Mar.14, 2014
Winston N. Ros	Humanities	PhD Language Education (BSU Financial Assistance and Deloading)	BSU	Mar.14, 2014
<b>COLLEGE OF FORESTRY</b>				
Valerio R. Cosalan	CF- SFI	MS Forestry (Short-Term Study Leave & thesis Assistance)	BSU	Apr. 12, 2014
<b>COLLEGE OF TEACHER EDUCATION</b>				
Albert S. Bolcio Jr.	ELS	MAEd Administration and Supervision	BSU	Oct.14, 2014
Terrilyn G. Dontogan	ELS	Master of Arts in Home Economics	BSU	Oct.14, 2014
John P. Botengan Jr.	SLS	MS Agriculture Education (Deloading)	BSU	Oct.14, 2014
<b>COLLEGE OF VETERINARY MEDICINE</b>				
Edlyn Mae N. Ciano	Department of Para-Clinical Science	Postgraduate Diploma in Veterinary Public Health (Short – Term Study Leave)	Massey University, New Zealand	Feb. 28, 2014
<b>INSTITUTE OF HUMAN KINETICS</b>				
Jenny V. Esiong	IHK	PhD in Educational Management (Deloading)	SLU	May 24, 2014
<b>INSTITUTE OF PUBLIC ADMINISTRATION</b>				
Gretchen Gaye C. Ablaza	IPA	PhD Educational Management (Dissertation Assistance & Short – Term Study Leave)	BSU	Apr. 12, 2014

Name	Unit Assignment	Degree and Specialization/ Scholarship	School Attended	Date of Graduation
<b>OFFICE OF STUDENT SERVICES</b>				
Florence V. Poltic	UHS – Medical Services	Master in Public Health (Two – Year Local Scholarship)	SLU	Apr. 15, 2014
Jennifer P. Domolog	OSS-SSGU	Master in Public Administration	BSU	Apr. 12, 2014
Julie S. Annaway	OSS-GCU	Diploma in Training Management	BSU-OU	Oct.14, 2014
<b>OFFICE OF THE UNIVERSITY REGISTRAR</b>				
Marilyn B. Toledo	OUR	EdD Mathematics	Pangasinan State University	Apr. 10, 2014
Bernadette M. Bao-idang	OUR	Bachelor of Laws and Letters (LLB)	Cordillera Career Development College	Apr. 12, 2014
<b>BOKOD CAMPUS</b>				
Williana Bato	Bokod Campus	MA Home Economics	BCU	Apr. 11, 2014
Cherry Sinas	Bokod Campus	MA English	BCU	Apr. 11, 2014
Rozsi Tobias	Bokod Campus	MA Mathematics	BCU	Apr. 11, 2014

## 7. Procurement Services

The Procurement Management Office was able to process 1,981 Purchase Requests (PR) with a total amount of PhP 138,299,531.25 and 2,309 Purchase Orders (PO) with a total amount of PhP 80,487,505.12. The big difference between the amounts for PRs and POs is attributed to procurement through Direct Contracting for Income Generating Projects (IGPs) and bidding for non-infra projects.

**Infrastructure projects with awarded contracts.** The University awarded various infrastructure project contracts with a value of PhP 32,740,922.16 to be implemented in 2015. Details are shown in Table 32.

Table 32. Infrastructure projects with awarded contracts to be implemented in 2015

Project	Location	Mode of Procurement	Funding Source	Implementation Period		Cost (PhP)
1 Completion of the College of Teacher Education Building -Phase III	BSU Main Campus, La Trinidad, Benguet	Public Bidding	2014 Capital Outlay	Jan. 5, 2015	Sept. 2, 2015	5,784,840.81
2 Construction of Physical Science Laboratory and Technology Extension Building	BSU Bokod Campus, Bokod, Benguet	By Administration	2014 Capital Outlay	Jan. 15, 2015	Jul. 29, 2015	6,000,000.00
3 Construction of Veterinary Medicine Cordillera Center for Animal research and Development (CCCARD) Laboratory Building, Phase I	BSU Main Campus, La Trinidad, Benguet	Public Bidding	2014 Capital Outlay	Jan. 27, 2015	May 27, 2015	4,478,265.44
4 Rehabilitation & Repair of the Regional Horticulture Outgrowing Laboratory Building	Cabanao, Balili, La Trinidad, Benguet	Public Bidding	2014 Capital Outlay	Jan. 14, 2015	Jun. 13, 2015	3,296,967.80
5 Construction of 1-unit Agronomy Greenhouse	Tabangaoen, Balili, La Trinidad, Benguet	Public Bidding	2014 Capital Outlay	Feb. 10, 2015	Jun. 9, 2015	882,680.06
6 Rehabilitation of Agri-Science and Technology Laboratory Building (College of Agriculture Building)	BSU Main Campus, La Trinidad, Benguet	Public Bidding	2014 Capital Outlay	Apr. 15, 2015	Dec. 11, 2015	12,298,168.05
						32,740,922.16

**Completed Infrastructure Projects.** Five infrastructure projects amounting to Php 18,597,837.53 were completed in 2014. Details are shown in Table 33.

Table 33. Completed infrastructure projects

Project	Location	Mode of Procurement	Funding Source	Implementation Period		Cost (Php)
1 Construction of Perimeter / Protective Fence at the Animal Project Area of CVM	Balili, La Trinidad, Benguet	Public Bidding	STF	Jan. 14, 2014	Mar. 5, 2014	574,312.32
2 Rehabilitation of the ROTC Stage Phase I	BSU Compund, La Trinidad, Benguet	Public Bidding	STF	Jan. 20, 2014	Mar. 26, 2014	397,787.55
3 Continuation of the Food Processing Center / ATBI Building	Strawberry Fields, La Trinidad, Benguet	Public Bidding	STF	June 3, 2014	Aug. 2, 2014	1,465,500.00
4 Rehabilitation of the ROTC Stage Phase II	BSU Main Campus, La Trinidad, Benguet	Public Bidding	STF	Oct. 2, 2014	Dec. 1, 2014	296,666.51
5 Continuation of the College of Agriculture Building Phase IV	BSU Main Campus, La Trinidad, Benguet	Public Bidding	2013 Capital Outlay	Nov. 3, 2013	Oct. 18, 2014	12,863,571.15
6. Construction of BSU Bokod Administration Building	BSU Bokod Campus, Bokod, Benguet		2014 Capital Outlay		March 2014	3,000,000.00

**On-going infrastructure projects.** Three infrastructure projects amounting to Php 16,035,540.10 were started in 2014 and due for completion in 2015. Details are shown in Table 34.

Table 34. On-going infrastructure projects in 2014

Project	Location	Mode of Procurement	Funding Source	Implementation Period		Cost (PhP)	Status/ Accomplishment
1 Construction of the Land Perimeter Fencing for the Sheep and Goat Pasture Land	Balili, La Trinidad	Public Bidding	STF	Oct. 27, 2014	Feb. 10, 2015	443,008.10	On going Project - 75 percent accomplishment
2 Completion of the Institute of Public Administration Building	Cabanao, Balili, La Trinidad	Public Bidding	2014 Capital Outlay	Nov. 25, 2014	Mar. 25, 2015	4,592,532.00	On going Project - 50 percent accomplishment
3 Continuation of BSU Buguias Science and Technology Extension Program (Multi Purpose Hall)	BSU Buguias Campus, Loo, Buguias	By Administration	2014 Capital Outlay	Dec. 1, 2014	Mar. 30, 2015	5,000,000.00	On going - 5 percent accomplishment
4 Construction of BSU Bokod Laboratory Building	BSU Bokod Campus, Bokod, Benguet		2014 Capital Outlay	Nov. 2014	June 2015	6,000,000.00	On going - 20 percent accomplishment

## 8. Internal Audit

Internal audit activities in 2014 consisted of audit on sales, collections, remittances deposits, inventories, financial reports, cash counts, e-enrolment system, curricula and faculty work load; official receipts verification; monitoring of supplies, property, plant and equipment; review of the BSU Information System Strategic Plan (ISSP); conduct of cash examinations; and personnel audit on merit, promotion, compensation, benefits, personnel developments and scholarship.

## B. FINANCIAL RESOURCES

### 1. Funding

Aside from the regular allotment from national government indicated in the General Appropriations Act for 2014 (R.A 10633) amounting to PhP 435,572,053, the University was able to outsource additional funds in the amount of PhP 20,978,426.40.

### 2. Obligation/Allotment or releases

The 2014 allotment for GASS reached PhP 83,198, 571.00 as against the target of PhP 76,318, 695.00. Of the allotment, PhP 67,424, 797.27 was disbursed translating to an 81.04 percent accomplishment as against the 73.05 percent accomplishment in 2013. Thus, the accomplishment rate for 2014 is 111 percent as compared to the 2013 actual accomplishment. The disbursements include capital outlay for projects that were bidded out.

### 3. Financial Report

Statement of Financial Position  
As of December 31, 2014

<b>ASSETS</b>			
<b>Current Assets</b>			
<b>Cash and Cash Equivalents</b>			
	Petty Cash	177,837.23	
	Cash, Collecting Officer	1,782,280.03	
	Cash in Bank Local Currency – Current Account	222,624,714.16	
	Cash in Bank Local Currency – Savings Account	16,017,599.41	
	Cash in Bank Foreign Currency – Savings Account	544,571.90	241,147,002.73
<b>Receivables</b>			
<b>Receivable Accounts</b>			
	Accounts Receivable	42,441,779.40	
	Due from Officers and Employees	291,775.13	
	Loans Receivables – Others	1,815,466.50	44,549,021.03
<b>Inter-Agency Receivables</b>			
	Due from National Government Agencies		221,285.13
<b>Intra-Agency Receivables</b>			
	Due from Operating Units		751,363.05
	Other Receivables		50,067,121.06
<b>Inventories</b>			
	Inventory Held for Manufacturing	1,660,083.57	
	Merchandise Inventory	2,082,003.78	
	Supplies	56,496,319.99	60,238,407.34
		<b>Total Current Assets</b>	<b><u>396,974,200.34</u></b>



Property, Plant and Equipment			
Land and Land Improvements			5,866,895,263.88
Buildings			130,720,467.38
Office Equipment, Furniture and Fixtures			61,960,977.73
Machineries and Equipment			
	Machinery	745,275.85	
	Agricultural and Forestry Equipment	898,519.52	
	Communications Equipment	819,089.40	
	Construction and Heavy Equipment	699,562.26	
	Disaster and Response and Rescue Equipment	29,110.00	
	Medical Equipment	7,047,809.80	
	Sports Equipment	608,899.73	
	Technical and Scientific Equipment	12,143,677.51	
	Other Machinery and Equipment	11,704,965.75	34,696,909.82
Transportation Equipment			6,649,151.50
Other Property, Plant and Equipment			12,063,740.24
Construction in Progress			21,489,173.02
Total Property, Plant and Equipment			6,134,546,232.97
Biological Asset			2,547,669.00
Other Assets			58,828,268.24
TOTAL ASSETS			<u>6,592,896,370.55</u>
<b>LIABILITIES AND EQUITY</b>			
Liabilities			
Current Liabilities			
	Payable Accounts	5,595,839.01	
	Inter-Agency Payables	29,364,250.56	
	Other Current Liability Accounts	50,447,074.28	85,407,163.85
Deferred Credits			23,071,705.00
Total Liabilities			108,478,868.85
Equity			
Government Equity			6,484,417,501.70
TOTAL LIABILITIES AND EQUITY			<u>6,592,896,370.55</u>

Statement of Financial Performance  
For the Period Ending December 31, 2014

<b>INCOME</b>		
Service Income		11,499,116.61
Business Income		
School Fees	95,967,962.67	
Rent/Lease Income	15,063,669.08	
Landing and Parking Fees	185,210.00	
Income from Hostels/Dormitories and Other Facilities	6,099,187.50	117,316,029.25
Sales Revenue		8,208,085.81
Interest Income		517,847.81
Other Business Income		17,645,662.60
Financial Assistance/Subsidy		384,825,863.41
Other General Income		3,085.68
Grants and Donations		201,317.42
Gain on Foreign Exchange		3,228.75
<b>GROSS INCOME</b>		<b>540,220,237.34</b>
<b>LESS: EXPENSES</b>		
<b>Personnel Expenses</b>		
Salaries and Wages	227,365,067.51	
Other Compensation	64,658,846.23	
Personnel Benefits Contribution	28,534,261.39	
Terminal Benefits	4,090,782.00	
Other Personnel Benefits	24,980,117.52	349,629,074.65
<b>Maintenance and Other Operating Expenses</b>		
Travelling Expenses	6,098,965.14	
Training and Scholarship	31,446,926.99	
Supplies and Materials Expenses	19,868,271.86	
Textbooks and Instructional Materials Expenses	7,992,333.91	
Utility Expenses	6,628,339.24	
Communication Expenses	3,623,886.43	
Confidential, Intelligence and Extraordinary Expenses	148,500.00	
Professional Services	49,080.60	
General Services	8,313,148.07	
Repairs and Maintenance	5,076,078.03	
Financial Assistance/Subsidy	100,000.00	
Taxes, Insurance, Premiums and Other Fees	1,156,585.27	
Other Maintenance and Operating Expenses	28,773,147.46	
Financial Expenses	6,825.00	
Depreciation Expenses	16,384,777.47	
Loss of Assets	85,575.75	135,752,441.22
<b>Total Operating Expenses</b>		<b>485,381,515.87</b>
<b>NET INCOME</b>		<b>54,838,721.47</b>

### C. INCOME GENERATING PROJECTS (IGP)

The income generating projects under Revolving Fund 161, 163 and 164 are listed below.

#### Revolving Fund 161

1. Bakery Project
2. Food Processing Project
3. Poultry Egg Production Project

#### Revolving Fund 163

1. BSU Garments Project
2. University Guest Houses (HMEG)
3. BSU Gladiola Center
4. BSU Canteen 1
5. Animal Hospital
6. BSU SLS Canteen
7. BSU Marketing Center
8. BSU Souvenir & Gift Shop

#### Revolving Fund 164

(Projects monitored by UBA)

- A.
  1. Sariling Sikap Program
  2. Farmer Cooperators program
  
- B.
  1. BSU Orchidarium & Ornamental Plants (OOPS)
  2. BSU Entrepreneurship Center
  3. BSU Dry Goods Stalls
  4. Prime Businesses
    - a. Biomate Water Refilling Station
    - b. Water Break
    - c. Golden Arches (McDo)
    - d. DOST
    - e. Hapi Mami House
    - f. Health 101 Restaurant

5. Central Balili Stalls
6. Tabangaoen Stalls
7. Backfilled Temporary Stalls
8. Hotel Area Temporary Stalls
9. Umbrella Type Stalls
10. Betag Sattelite Market
11. Shell Station Area Stalls
12. Ambulant vendors

### 1. Income Generated for CY 2011-2014

Table 35 shows the collections from Land Use, Building and Space Rentals and Income Generating Projects (IGPs) for CY 2011-2014. There was a 4.71 percent increase in total net income from PhP 19,447,802.48 in 2013 to PhP 20,364,478.06 in 2014.

Table 35. Summary of Income generated from CY 2011-2014

No.	Source of Income	2011	2012	2013	2014
1	Rental from Land Use	2,526,996.39	2,940,367.26	4,280,614.06	5,605,370.03
2	Rentals from Stalls	2,162,767.47	5,367,002.41	6,679,866.76	6,491,970.32
3	Rentals from Ambulant Vendors			303,000.00	357,775.00
4	Rentals from the Use of Facilities		510,055.00	692,367.50	996,825.00
5	Rentals from Parkings			288,950.00	373,150.00
6	Income Generated from IGPs	3,889,342.21	4,629,322.08	7,203,004.16	6,539,387.71
<b>Total Amount</b>		<b>8,579,106.07</b>	<b>13,1446,746.75</b>	<b>19,447,802.48</b>	<b>20,364,478.06</b>



Strawberry fields at the Swamp Area rented and operated by 245 private farmer-partners of the University

## 2. Net Income/Loss from CY 2011 - 2014 of RF 161 and 163

In 2014, the Bakery and the Food Processing Center experienced an increase in their net income. Although that was the case, the transition from selling one's product from the market outlets to the Marketing Center triggered several issues to arise. The shift from wholesale to retail price, with an additional 5 percent mark-up, deterred present and potential buyers to purchase their goods from BSU. The Poultry Project still has to recoup its expenses and earn money when the newly acquired flock would be fully productive in 2015, hence the loss in 2014. The BSU cafeteria stopped operating in 2014. Table 36 shows the Net Income/ (Loss) for CY 2011-2014 under Revolving Fund 161 and 163.

Table 36. Net Income/Loss CY 2011-2014

Income Generating Projects	Jan. 1 - Dec. 31, 2011	Jan. 1 - Dec. 31, 2012	Jan. 1 - Dec. 31, 2013	Jan. 1 - Dec. 31, 2014
<b>Revolving Fund 161</b>				
BSU Bakery Project	1,148,423.47	1,273,500.91	1,261,040.32	1,352,962.08
BSU Food Processing Center	1,069,595.43	1,352,987.33	1,623,084.54	1,560,566.71
BSU Poultry Production	-89,054.15	-458,792.21	1,202,577.68	-109,760.70
<b>TOTAL</b>	<b>2,128,964.75</b>	<b>2,167,696.03</b>	<b>4,086,702.54</b>	<b>2,803,768.09</b>
<b>Revolving Fund 163</b>				
BSU Animal Hospital	239,983.87	315,790.58	205,035.75	176,222.74
BSU Canteen I	272,132.42	518,717.36	784,784.18	574,645.53
BSU Cafeteria	-192,475.57	202,765.53	-36,032.60	-
BSU Garments Project	162,176.09	145,241.71	136,682.23	78,402.76
BSU Gladiola Center	209,215.02	409,993.40	492,301.10	1,065,502.60
BSU Guest Houses	725,545.84	501,127.64	180,318.79	322,899.85
BSU Marketing Center	125,323.19	137,688.11	726,138.96	796,007.14
BSU SLS Canteen	186,776.38	203,301.38	589,327.67	698,220.16
BSU Souvenir & Gift Shop	31,700.22	27,000.34	37,745.54	23,718.84
<b>TOTAL</b>	<b>1,760,377.46</b>	<b>2,461,626.05</b>	<b>3,116,301.62</b>	<b>3,735,619.62</b>
<b>TOTAL NET INCOME</b>	<b>3,889,342.21</b>	<b>4,629,322.08</b>	<b>7,203,004.16</b>	<b>6,539,387.71</b>



### 3. Good Practices

The following practices employed by three IGPs have resulted to a more efficient production and operational system, a better competitive edge against their competitors, and a stronger network of connections.

#### Food Processing Center

- Monthly monitoring of IGP performance
- Execution of activities based on the business plan within FPC's operational plan
- Perform financial analysis/ sensitivity analysis
- Conduct product development/improvement
- Commercialization of potential processing technologies
- Establish linkages with other SUCs, NGOs, and private entities
- Registration of food products to BFAD and bar coding
- Improved packaging of products

#### Poultry Egg Production Project

- Linked to instruction
- Loaned feeds from suppliers
- Addressed the issue of the unpleasant smell emanating from chicken dung

#### Benguet Vegetable Processing Center

- Support industries: OP-PMS, DA, DTI, DSWD, DepEd, LGU, DOST, PIA, etc.
- Employ Good Manufacturing Practices (GMP)
- Training expertise on food processing
- FDA certified
- Product diversification
- Flexible production and pricing
- Production of healthy food alternatives for feeding programs and relief goods
- Credit line
- Strong R&D support
- Link to extensions even outside of Benguet

# APPENDICES

## APPENDIX A. ENROLLMENT DATA IN THE MAIN CAMPUS

Course	1st Sem	2nd Sem	Summer
<b>College of Agriculture</b>			
BS Agriculture	1,290	1,221	540
BS Agribusiness	544	498	216
BS Development Communication	375	362	80
D Agro-forestry	21	16	5
M Resource System Management	2	3	0
MS Agricultural Economics	3	5	2
MS Agronomy	5	8	1
MS Animal Science	10	15	2
MS Entomology	7	12	1
MS Horticulture	13	14	2
MS Plant Pathology	13	15	2
MS Rural Development	12	13	0
MS Soil Science	12	4	0
PHD Agronomy	3	3	0
PHD Horticulture	4	4	1
PHD Rural Development	22	19	5
<b>College of Arts and Sciences</b>			
BS Applied Statistics	148	136	43
BS Environmental Science	214	180	39
BS Information Technology	267	263	18
MA Animal Science	32	28	10
MA Chemistry	9	13	8
MA English as Second Language	135	123	81
MA Filipino	25	23	22
MA General Science	20	29	16
MA Math	65	49	43
MA Physics	24	19	23
MA Soil Science	43	34	29
MS Biology	46	59	19
PHD Language Education	46	45	26
PHD SCIED-Biology	3	4	0
Cross Enrollee	1	0	0
<b>College of Engineering and Applied Technology</b>			
BAT	59	0	0
Advance Automotive Technology	0	37	0
BS Agricultural Engineering	332	282	51
<b>College of Forestry</b>			
BS Forestry	481	432	86
MSF SILVI	8	7	3
MSF WM	26	36	3

Course	1st Sem	2nd Sem	Summer
<b>College of Home Economics and Technology</b>			
Associate Entrepreneurship Technology	214	196	11
BS Entrepreneurship Technology	67	69	1
BS Home Economics	299	277	17
BS Hotel Restaurant Management	312	302	63
BS Nutrition and Dietetics	225	213	5
MA Home Economics	20	22	13
MA Technology and Home Economics	21	26	9
Cross eEnrollee	1		0
<b>College of Nursing</b>			
BS Nursing	282	263	206
<b>College of Teacher Education</b>			
B Elementary Education	960	892	10
B Library and Information Science	154	148	5
B Secondary Education	1,176	1,129	34
Cross Enrollee	0	2	0
MA Education	281	203	148
MA Guidance	63	53	22
M Library and Information Science	30	31	6
PHD	0	2	0
PHD Agricultural Education	1	1	0
PHD Educational Management	98	95	43
Professional Education	131	131	0
<b>College of Veterinary Medicine</b>			
D Veterinary Medicine	553	524	69
<b>Graduate School</b>			
MS	0	6	0
<b>Institute of Human Kinetics</b>			
B Physical Education	86	81	0
D Physical Education	4	8	12
MS Physical Education	51	44	40
<b>International Language Center</b>			
Special Student	0	1	0
<b>Institute of Public Administration</b>			
B Public Administration	94	87	0
C Public Administration	0	2	0
D Public Administration	1	2	0
M Public Administration	115	122	38
<b>Open University</b>			
D Training Management	10	4	3
D Urban Management	1	2	0
M Community Development	53	52	12
M Community Health Development	66	94	22
M Cooperative Management	7	9	0

Course	1st Sem	2nd Sem	Summer
M Development Communication	39	42	1
M Human Resource Development	2	4	0
M Human Resource Management	101	120	7
M Non Formal Education	7	7	3
M Urban Management	9	14	2
<b>ROTC</b>			
Cross Enrollee ROTC	7	4	0
ROTC	0	1	0
<b>Total</b>	<b>9,861</b>	<b>9,306</b>	<b>2,179</b>

#### APPENDIX B. STUDENTS WHO PARTICIPATED IN COMPETITIONS

Name	Name of Award	Awarding Agency	Date and Venue
<b>COLLEGE OF AGRICULTURE</b>			
Juman Kevin B. Tindo Galileo T. Aluyen, Jr.	Champion-Page Design and Layout (OSSEI 7 <sup>th</sup> Writing Competition)	Organization of Student Services Educators	Feb. 1, 2014, Baguio City
Crissa Genice G. Datic	Best paper, Junior Category during the 17 <sup>th</sup> PSSST Annual Meeting and Scientific Conference	Philippine Society of Soil Science and Technology (PSST), Inc.	May 7-9, 2014 Aklan State University, Banga, Aklan
David E. Kidpo, Jr. Apolinario A. Bagano, Jr.	Champion, SPAM i-dokumento (Group)	School Press Adviser's Movement (SPAM)	Sept. 11-13, 2014 Teachers' Camp Baguio City
David E. Kidpo, Jr. Apolinario A. Bagano, Jr.	Champion, Radio Broadcasting (Group)	SPAM	
David E. Kidpo, Jr. Bernice B. Lee	1 <sup>st</sup> Runner-up, Simulated TV Talk Show (Group)	SPAM	
Apolinario A. Bagano, Jr.	8 <sup>th</sup> Place, DevCom Editing English	SPAM	
Bernice B. Lee	4 <sup>th</sup> Place, Feature Editing English	SPAM	
Apolinario A. Bagano, Jr.	3 <sup>rd</sup> Place- Photography	SMARTER Philippines, Inc. during the International Congress for Student Leaders and Teachers on the Millennium Development Goals Beyond 2015 Academic Competition	Oct. 17-19, 2014 Easter College, Baguio City
<b>COLLEGE OF ARTS AND SCIENCES</b>			
Juman Kevin M. Tindo	2 <sup>nd</sup> Place Feature Writing (English); 8 <sup>th</sup> Place Copy Reading & Headline Writing (English)	OSSEI	Feb. 12-14, 2014 Batis Aramin, Lucban, Quezon
Juman Kevin M. Tindo Galileo Aluyen	1 <sup>st</sup> Place, Digital Lay-Outing		
<b>COLLEGE OF ENGINEERING AND APPLIED TECHNOLOGY</b>			
Clint L. Atleb	2014 Ten Outstanding Students of the Philippines (University Finalist)	TOSP-CAR	Apr. 11, 2014 Baguio Country Club



Name	Name of Award	Awarding Agency	Date and Venue
<b>COLLEGE OF HOME ECONOMICS AND TECHNOLOGY</b>			
Orly T. Primo	National Finalist to the 13 <sup>th</sup> Annual Business Leadership Program	The American Chamber of Commerce of the Philippines, Inc.	
Jimboy M. Chanao	National Finalist to the 13 <sup>th</sup> Annual Business leadership program		
Orly Thomas Primo Joanne Marie D. Prado	Consolation Prize: Inter Island Pinakbet Cooking Contest	East-West Seed Company	Nov. 27-28, 2014 San Rafael, Bulacan
Mary Gene Contic	Outstanding Nutrition & Dietetics Student	Philippine Association of Nutrition	Jul. 18, 2014 Cebu City
BSND Team Leaders of Five Researches	Commendation	PHILAAS	Sept. 12 & 13, 2014 De La Salle, Taft Avenue, Manila
Mark Garcia Disney Deponio Eloisa Baso Keifer Lumbag Esmín Alawas	UNILAB Positive Ideas, Regional Search	UNILAB	Dec. 5, 2014 Le Monet Hotel, Baguio City
Divina Picpican	Finalist, 17 <sup>th</sup> Ayala Young Leaders Congress	Ayala Young Leaders Congress	Nov. 21, 2014 Makati City
Chris John Belgica	Mr. CARASUC	CARASUC	Oct. 21-24, 2014 Apayao
Georgina Bejar	1 <sup>st</sup> Runner-up (Ms. CARASUC Search)	CARASUC	Oct. 21-24, 2014 Apayao
Hilario Callisen, Jr.	Champion, Baseball Team	CARASUC	Dec. 8-12, 2014 Apayao
Sandra Cumpas	Champion, Softball		
Maricarl Luna	Champion, Softball		
Janette Ongaron	Champion, Softball		
Belen Tayan	Champion, Softball		
Nikki Rosal	Champion, Softball		
Kryztal Jade Abando	Champion, Dance Sports		
Varni Danis	Champion, Table Tennis		
Cristina Deponio	2 <sup>nd</sup> Place, 100 m. Dash		
Jetyline Sacpa	2 <sup>nd</sup> Place, Discuss Throw		
Reynil Delizo	1 <sup>st</sup> Runner-up, Taekwondo		
Kimberly Balangue	1 <sup>st</sup> Runner –up, Taekwondo		
Connie Tumpao	1 <sup>st</sup> Runner-up, Basketball (W)		
Valerie Lumicquio	1 <sup>st</sup> Runner-up, Table Tennis		
Esthrellyn Bagayao	1 <sup>st</sup> Runner-up, Lawn Tennis		
Shalabie Bindalan	2 <sup>nd</sup> Runner-up, Badminton		
John Mark Malinias	2 <sup>nd</sup> Runner-up, Taekwondo		
Divina Picpican	Best in TV News Casting	School Press Adviser's Movement, Inc	Sept. 11 – 13, 2014

Name	Name of Award	Awarding Agency	Date and Venue
Orly T. Primo	Gold Medalist Floral Design Centerpiece Silver Medalist Floral Bouquet Design	HRAB	Sept. 11, 2014 Baguio Country Club
Orly T. Primo	Bronze Medalist		
Jeny Payagen	Centerpiece Design		
Roland Romy Molina	Silver Medalist Flairtending Competition		
Myra Acoba	Bronze Medalist		
Xianne Kate Paayas	HRT Quiz Bee		
Jonathan Joven			
Gilbert Barro	4 <sup>th</sup> Runner-up, Comics Strip Drawing	Association of Luzonwide Tertiary Press Advisers (ALTPA)	Feb. 12-14, 2014; Lucban, Quezon
Orly T. Primo	Champion in the Flower Arrangement with a Touch of Strawberry	La Trinidad Government Unit	Mar. 31, 2014; Lednicky Hall La Trinidad, Benguet
<b>COLLEGE OF NURSING</b>			
Florence Cyril A. Batan John Wayne C. Epie	MCNAP Aral Alaga Scholarship Grant Awardee	Search for MCNAP Aral Alaga Scholarship Grant, NNC, Quezon City	Oct. 29, 2014; National Nutrition Council, Quezon City
Aliza May B. Castro Safrone Jade Dicam	Given recognition for their exemplary accomplishments	Municipality of La Trinidad	Jun. 14, 2014; Lednicky Hall
Safrone Jade P. Dicam	One of the Ten Outstanding Students of Cordillera	CHED-CAR	May 16, 2014; Baguio Country Club, Baguio City
<b>COLLEGE OF TEACHER EDUCATION</b>			
Arniel Dumigsi	Champion, Opinion Writing (Filipino)	15 <sup>th</sup> Regional Higher Education Press Conference	Jan. 23-25, 2014; BBCCC BLDG., Assumption Rd., Baguio City
Giselle Ocyaden	Champion, Literacy Graphics Illustration (Filipino)		
	4 <sup>th</sup> Runner-up, Editorial Cartooning (Filipino)		
	Champion, Quiz Bowl	SMARTER Philippines, Inc.	Oct. 17-19, 2014; Easter College, Baguio City
Mark Samuel De Guzman	1 <sup>st</sup> Runner-up, Comics Strip Drawing (Filipino)	15 <sup>th</sup> Regional Higher Education Press Conference	Jan. 23-25, 2014; BBCCC BLDG., Assumption Rd., Baguio City
Rhe-ann Ngayaan	Champion, Editorial Writing (Filipino)		
Bobby Mc Gee Lee	1 <sup>st</sup> Runner-up, Editorial Writing (English)		
Richard Giye	Champion, Poetry Writing (English)		
Charlene May Gonsoden- SLS	1 <sup>st</sup> Place, Creative Nail Art & Hand Massage (during the 2 <sup>nd</sup> Regional Technolympics)	DepEd-CAR	Feb. 20-22, 2014; Pudtol, Apayao
Revale S. Heyres -SLS	1 <sup>st</sup> Place, Pumpkin Pie Making		
Samsi Wanli Nahial -SLS	1 <sup>st</sup> Place, Project Proposal for Layer Production		
Martes Dionisio Jr. Aileen Kryl Simeon	Given recognition for their exemplary accomplishments	Municipality of La Trinidad	Jun. 14, 2014; Municipal Hall
Aileen Kryl A. Simeon	Two of the Ten Outstanding Students of CAR (TOS-CAR)	CHED-CAR	May 16, 2014; Baguio Country Club, Baguio City

Name	Name of Award	Awarding Agency	Date and Venue
Aiko Claudio and group	2 <sup>nd</sup> Place Best Paper (out of 300 researches)	Philippine Science Consortium	Sept. 17-19, 2014; Laguna State Polytechnic University, Siniloan, Laguna
Samsi Nahial	2 <sup>nd</sup> Place Filipino News Writing and 4 <sup>th</sup> Place in Filipino Editorial Writing	School Press Advisers Movement - National	Sept. 11-13, 2014; Teachers Camp, Baguio City
Claire Rufino	4 <sup>th</sup> Place, English Editorial Writing		
Joana Toring	3 <sup>rd</sup> Place, Feature Editing		
Milliscent Lucio	1 <sup>st</sup> Place, English Feature Editing		
Marrienne Domilies	2 <sup>nd</sup> Place Sci-Dama	Easter College	Sept. 15-16, 2014; Easter College, Baguio City
Allen Jay Tadina	1 <sup>st</sup> Place Sci-Dama		
Jimmy Caticat	3 <sup>rd</sup> Place Sci-Dama		
Louie Payangdo	3 <sup>rd</sup> Place Sci-Dama		
Aivien Mangahas	1 <sup>st</sup> Place Quiz Bee		
Mark Benter	3 <sup>rd</sup> Place Quiz Bee		
Joylyn Saley	1 <sup>st</sup> Place Quiz Bee		
Julie Mae Kidlo	1 <sup>st</sup> Place Quiz Bee		
Araceli Bolayo	2 <sup>nd</sup> Place Quiz Bee		
Emiliano Casi	1 <sup>st</sup> Place Quiz Bee		
Valerie Dicang	2 <sup>nd</sup> Place Quiz Bee		
Maricris Abad Samsi Wanli Kai Resurrecion	1 <sup>st</sup> Place Team Quiz Bee		
Ruthlyn Tambic Alister Domilies Laila Oronan	2 <sup>nd</sup> Place Team Quiz Bee		
Cherry Bao-in	3 <sup>rd</sup> Place Team Quiz Bee		
Hanna Caasi Gale	Top Ten (87.40 percent) LET	Professional Regulation Commission (PRC)	Oct. 14, 2014
Lyndene Compelio Christ Luis Jade Bugaing	Qualified for Regional Science Fair (Nov. 12-14, 2014)	Dep Ed CAR	Oct. 9-10, 2014
Milliscent Lucio	Scout Official of the Day-GOVERNOR	Boy/Girl Scout of the Philippines	Oct. 27, 2014; Benguet Provincial Capitol
Zymerson Bangcado	Scout Official of the Day-Dean, CA	Boy/Girl Scout of the Philippines	Oct. 27, 2014; BSU, La Trinidad, Benguet
Orly Peter	Mr. Benguet 2014	Benguet Provincial Government	Nov. 22, 2014; La Trinidad Municipal Gym
Charlene Mae M. Gonsoden	1 <sup>st</sup> Place, Creative Nail Art Competition (Annual Division Technolympics)	DepEd Benguet Division	Nov. 12-14, 2014
Divina Gracia Beligan Sharilyn Rufino	3 <sup>rd</sup> Place, Creative T-Shirt Printing	DepEd Benguet Division	Nov. 12-14, 2014
Justin Slade Balangen	1 <sup>st</sup> Runner-up, Lantern Making Contest, Recycled Materials category		
Karylle Chloe Bantali	2 <sup>nd</sup> Runner-up, Lantern Making Contest, Recycled Materials Category		
Andrea Josh Tupeng	Champion, Lantern Making – Indigenous Materials Category		

Name	Name of Award	Awarding Agency	Date and Venue
Ali Jozsef Agno	Champion, Lantern Making – Recycled Materials category		Nov. 29, 2014; YMCA Hall Baguio City
Nestor Poltic Jr.	2 <sup>nd</sup> Runner-up, Lantern Making – Indigenous Materials Category	YMCA	
BSU ELS Choir	Champion, Choral Extravaganza (cert. & Php10,000.00 cash award)		
BSU ELS (6-8 yrs. old)	Champion, Soccer Tournament-Kasibulan Tournament	Benguet Provincial Government	Nov. 29-30, 2014; Wangal Football Ground
(Mt. Breeze) Jan Graille Acod Janelle Aticao Araceli Bolayo Dona Bullong Denver Bulsao Ellen Dego Ara Jasmin Rigelle Lando Millicent Lucio Claire Rufino Kate Talipnao Ruthlyn Tambic Elbert Jasper Templo  (Ang Tulay) Maricris Abad, Cary Joy Botiwitiw Joan Layogan Adrienne Kinomes Frenzel Lozano Grail Lobangas Samsi Wanli Nahial Sheena Ngayodan Laila Oronan Dianne Pingalo Quenses Quela Joylyn Saley Joana Toring	10 <sup>th</sup> Place Feature Writing 8 <sup>th</sup> Place S & T Writing 4 <sup>th</sup> Place Photo Journalism English 6 <sup>th</sup> Place Editorial Writing 7 <sup>th</sup> Place Editorial Cartooning 5 <sup>th</sup> Place Photo Journalism 3 <sup>rd</sup> Place Editorial Filipino 2 <sup>nd</sup> Place Newswriting Filipino Other Awards: Mountain Breeze 10 <sup>th</sup> Place Best in Lay-out 3 <sup>rd</sup> Place Editorial Page 3 <sup>rd</sup> Place Best Script and Radio Production	DepEd Benguet 2014 Division Schools Press Conference	Nov. 27-29, 2014; Benguet SPED Center
Rhe-Ann Ngayaan	Champion, Editorial Writing English	16th Regional Higher Schools Press Conference	BBBCC Bldg, Assumption Road, Baguio City
Bobby Mc Gee Lee	2 <sup>nd</sup> Place, Sports Writing Filipino 2 <sup>nd</sup> Place, Copy Reading English		
Arniel Dumigsi	Champion, Opinion Writing Filipino Champion, Dev. Com. Writing Filipino		
Erica Mae Pistola	Champion, Feature Writing Filipino		
Richard Giye	3 <sup>rd</sup> Place, Poetry Writing English 4 <sup>th</sup> Place, Copy Reading Filipino		
Chatelaine Wansi, BSE III	2 <sup>nd</sup> Place, Editorial Writing Filipino 2 <sup>nd</sup> Place, Opinion Writing English		
Kevin Jake Angyab	Champion, Feature Writing English		



Name	Name of Award	Awarding Agency	Date and Venue
BSU SLS & ELS student athletes	Overall Standing: 4 <sup>th</sup> Place (BSU-ELS&SLS)	Benguet Provincial Government	Dec. 10-13, 2014; Wangal Sports Complex
BSU CTE-SLS Gymnastics ATHLETES	4 Golds: Gymnastics		
BSU CTE-SLS ATHLETES	25 SILVERS: Football (boys)-11, Wrestling-7, Wushu-5, Gymnastics-2		
BSU CTE-SLS ATHLETES	13 Bronze: Wushu-4, Lawn Tennis-3, Arnis-4, Gymnastics-2		
Jairuz Buyacao	Men's Artistic Gymnastics: Vault-1 <sup>st</sup> Place Floor-2 <sup>nd</sup> Place Individual All Around-1 <sup>st</sup> Place		
Jeerald Bokilis Queano Alveras Clifford Guzman Lans Bugatan Carl Smith Gener Cardinez Drexel Acosta Philip Budas Jayson Agaceta Allen Galigo Jaymark Aliguyon Cyrone Sarmiento Gerlex Balacwid, Kurt Wanson Andre Tupeng Aris Batacalao John Derick Cuyam-an Ace Mendoza Kurtney Peccadasen	2 <sup>nd</sup> Place Football	Benguet Provincial Government	December 10-13, 2014; Wangal Sports Complex
Cliff Apilado Valjunyor Alfiler	2 <sup>nd</sup> Place (Team)	Benguet Provincial Government	Dec. 10-13, 2014; Wangal Sports Complex
Cherrie Samonte	1 <sup>st</sup> Place: Lawn Tennis Girls		
Angelyn Trisha Mae Atos	3 <sup>rd</sup> Place: Lawn Tennis Girls		
Joan Sison	3 <sup>rd</sup> Place: Badminton Girls		
John Kim Pasion	1 <sup>st</sup> Place: Taekwondo Category 5		
Wyneth Laruan	2 <sup>nd</sup> Place: Taekwondo Category B		
Charlotte Pascua	2 <sup>nd</sup> Place: Taekwondo Category 3		
Zyre Ann Calpito Zyryleign Ditan Marianne Poyongan	Overall Chmapion: Rhythmic Gymnastics		
Lyanna Cooleen Demot	3 <sup>rd</sup> Place: Women's Gymnastics		
Nena Roschan Escalera	2 <sup>nd</sup> Place: Women's Gymnastics		
BSU Gymnastics Team	Team Champion		
YJ Mateo	4 <sup>th</sup> Place: Table Tennis Bracket A		
Table Tennis Boy Athletes	8 <sup>th</sup> Place: Overall		
Hannah D. Fermin	3 <sup>rd</sup> Place: Table Tennis Bracket B		
Table Tennis Girls Athletes	6 <sup>th</sup> Place: Overall		
Alvin Colcolo Jeric Cayad-an Kevin Lloyd Balugan	CHAMPION: Table Tennis	CARASUC	Dec.14, 2014; Apayao

Name	Name of Award	Awarding Agency	Date and Venue
<b>College of Veterinary Medicine</b>			
Harmon L. Nicer	Champion (Literary graphics Illustration) English 1 <sup>st</sup> Runner Up (Editorial Cartooning) English	15 <sup>th</sup> Regional Higher Education Press Conference	Jan. 23-25,2014; BBCCC Bldg, Assumption Rd. Baguio City
Aveline Lacaden	1 <sup>st</sup> Ilocos Rodeo Queen	1 <sup>st</sup> Rodeo Competition of "Kanawidan" Festival	Jan. 31, 2014; Elpidio, Quirino Grand Stand, Vigan, Ilocos Sur
<i>Team captain:</i> Meller Nabus <i>Vice captain:</i> Mark Anthony Pado <i>Players:</i> Bellamy G. Payad Dwight Lee S. Baldo Rhydell Orayan Chaluyen Harmon L. Nicer Haydee Gatab Phoebe Del-isen Floriel Lipapao Nikki Sison Hasmin Chogsayan Babbit Kingay Merley Mayos Remi Joanne Casumpang Evory Quiño	1 <sup>st</sup> Runner-up	1 <sup>st</sup> Rodeo Competition of "Kanawidan" Festival	Jan. 31, 2014; Elpidio, Quirino Grand Stand, Vigan, Ilocos Sur
Mark Anthony Casel Arianne Danglose Janica Mapalo	3 <sup>rd</sup> Place in "Ano Photo Quiz contest"	UP Society of Men UPCVM	Feb. 14, 2014; UP- LB, Laguna
BSU Highland Cowboys/ Cowgirls Rodeo Team: Babbit Kingay Haydee Gatab Hasmin Chogsayan Lhoren Velasco Decelyn Barrientos Evory Quiño Eden Bangsail Meller Nabus Mark Anthony Pado Bellamy Payad DwightLee Baldo Christopher Borda Samson Bongsiw Rhydell Orayan Chaluyen Harmon Nicer Kadsan Gaspar <i>Team Coach:</i> Dr. Jocelyn M. Runas	Over-all Champion (Student Category)	Rodeo Masbateño. Inc.	April 8-12, 2014; Masbate City, Masbate
Aijeleth Shamar Jovellanos	Consolation Prize (Hymn Making Contest)	BFAR	Sept. 22, 2014; BFAR, La Trinidad, Benguet
Brendon Bangco-og	2 <sup>nd</sup> Place-News Writing Filipino 3 <sup>rd</sup> Place-Sports Writing English	Baguio-Benguet Community Credit Cooperative, Baguio City	Dec. 11-13, 2014; Regional Higher Schools Press Conference
Harmon L. Nicer	Champion Comic Strip Writing Champion Editorial Cartooning-Filipino		

#### APPENDIX C. LIST OF COMPLETED RESEARCHES

1. Screening of Rice Varieties for Resistance to Blast Caused by *Magnaporthe grisea*; Teresita D. Masangcay; January-July 2014
2. On-station Trials of Prathista Bio-organic fertilizer products on cabbage in CAR; Carlito P. Laurean; January 2014-December 2014
3. Lived Experiences of Student Leaders on the Core Values of an Educational Institution; Kara S. Panolong; January-May 2014
4. Understanding Environmental Values and practices of Balili river constituents for sustainable lifestyle; Rachele D. de Guzman, Flordeliza D. David, Aurora S. Cuyan, Charlie Dagwasi; January-August 2014
5. Mathematical Knowledge Construction Patterns of Selected Students of Benguet State University in Problem Solving Context; Serano L. Oryan; January 2013 - March 2014
6. Potato Quality Planting Material Production for Livelihood/Entrepreneurship: Training and Extension Activity; Cynthia G. Kiswa, Paz A. Dalang, Teresita D. Masangcay, Jake L. Galian, Ines C. Gonzales; January 2013-June 2014
7. Conservation and Dispersion of Quality Planting Materials of Potato; Cynthia G. Kiswa, Paz A. Dalang, Teresita D. Masangcay, Jake L. Galian, Ines C. Gonzales; January 2013-June 2014
8. Potato Seed Production Technology Dissemination (On-Farm); Cynthia G. Kiswa, Paz A. Dalang, Teresita D. Masangcay, Jake L. Galian, Ines C. Gonzales; January 2013-June 2014
9. Enhancing Production and Utilization of Root and Tuber Crops RTCs thru School on the Air Program for the Indigenous People in the Cordillera Administrative Region (in partnership with DA-CHARMP 2); Ines C. Gonzales, Esther T. Botangen; January 2013- December 2014
10. Perceived Employability Skills Among Graduates of Benguet State University, 2012-2013: Implications to Curriculum Enhancement, Student Training and Development; Leonila R. Sito; January 2013-June 2014
11. Growth and yield of lettuce grown organically under Satsuma oranges; Araceli G. Ladilad, Franklin G. Bawang, Kyle T. Cuebas, Kirby D. Gasigas, Oliver B. Lingbanan, Ralph Barry S. Gaoen; January 2013-August 2014
12. Growth and yield of bush beans grown organically under Satsuma oranges; Araceli G. Ladilad, Franklin G. Bawang, Kyle T. Cuebas, Kirby D. Gasigas, Oliver B. Lingbanan, Ralph Barry S. Gaoen; January 2013-August 2014
13. Effects of different kinds and rates of organic fertilizers on the growth and flowering of *Medinilla multiflora*; Araceli G. Ladilad, Franklin G. Bawang, Kyle T. Cuebas, Kirby D. Gasigas, Oliver B. Lingbanan, Ralph Barry S. Gaoen; January 2013-August 2014
14. Collection, identification and characterization of *Medinilla* species; Araceli G. Ladilad, Franklin G. Bawang, Kyle T. Cuebas, Kirby D. Gasigas, Oliver B. Lingbanan, Ralph Barry S. Gaoen; January 2013-August 2014
15. Evaluation of Species and Herbs in Squash-Enriched Bread Making for Quality, Shelf-Life and Microbial Incidence; Violeta B. Salda, Cristine B. Esnara; January 2013- June 2014
16. Development of Root Crops-Wheat Flour Formulations for Quality Fresh Miki Noodles; Violeta B. Salda, Cristine B. Esnara; January 2013-July 2014
17. Price Elasticity of Demand of Chicken Meat in the Philippines; Rashid B. Lokines; March 2013-March 2014
18. Price and Income Elasticity of Demand of Cigarette at Benguet State University, La Trinidad, Benguet; Rashid B. Lokines, Jovita M. Sim; March 2013-March 2014
19. Standardizing the Unique Processing Techniques Adopted by the Different Ethnic Group in the Cordilleras and Development of Convenience Type Products as S & T Based Strategies in Expanding 'Etag' Markets; Cynthia D. Garambas, Sherilyn B. Balauro, Rolando M. Tawana, Jr., May Crislina V. Gumihid, Charity Joy P. Dulnuan; March 2013-April 2014
20. Balili River's Physico-Chemical Characteristics: The Effect on the River's Biological Characteristic; Bretel B. Dolipas, Jovalson T. Abiasen, Joel V. Lubrica, Jennifer Lyn S. Ramos; June 2013-March 2014
21. Integrated Pest Management of Pigeon Pea Pod Borer (*Helicoverpa armigera* Hubner) Using Nucleopolyherovirus (NPV); Eulogio V. Cardona, Jr., Ines C. Gonzales, Teresita D. Masangcay, Felicitas D. Guerrero; June 2013-June 2014
22. School-Based Management by Benguet Public Secondary School Heads: An Impact Analysis; Percyveranda A. Lubrica, Manolita N. Alvaro, Ruth S. Batani, Jingle P. Cueva, Alma Vida G. Gallardo, Dominador S. Garin, Imelda G. Parcasio; July 2013-August 2014

23. Time Use Analysis: Indigenous Household as Sites for Everyday Negotiations and Organizing Community Life; Ruth S. Batani, Gigy B. Banes; July 2013-August 2014
24. Artifact Speak: Validating the Cultural Meanings of Artifacts; Stanley F. Anongos; July 2013-December 2014
25. Nursing Students' Perspective of Bullying Behaviours Experienced in State Universities and Colleges of Cordillera Region; Jude L. Tayaben, Doris S. Natividad, Rovencio Apilado; July 1,2013-June 30, 2014
26. Graduate Tracer Study of College of Nursing, Benguet State University of Class 1994 to 2010; Jude L. Tayaben, Jonalyn S. Esco, Jocelyn Angeles; July 1,2013-June 30, 2014
27. Regeneration of Ginger Through Tissue Culture for Quality Seed Production; Cynthia G. Kiswa, Jake L. Galian; July 2013-August 2014
28. Micropropagation of Three Taro Local Cultivars for Quality Seed Production; Cynthia G. Kiswa, Jake L. Galian; July 2013-August 2014
29. Effect of Trehalose Sugar on Potato Tissue Culture; Cynthia G. Kiswa, Jake L. Galian; July 2013- August 2014
30. Prevalence and Stand Susceptibility of Benguet Pine to Beetle Infestation; Marissa R. Parao, Paquito P. Untalan, Bonie S. Ligat, Leon B. Tanguid, Casiano S. Pagadan; July 2013-August 2014
31. Fungi Associated with Pine Trees (*Pinus Kesiya*) Infested by Bark Beetles in Camp John Hay; Asuncion L. Nagpala, Elvira G. Balinsay; July 2013- August 2014
32. Plant Parasitic Nematodes Associated with Infected Pine Trees in Camp John hay; Luciana M. Villanueva, Melanie S. Pascua; July 2013-August 2014
33. Progress and Process Monitoring of the Agricultural Extension Service Provision in Kalinga; Geoffrey C. Amls, Jasmin P. Kiaso, Salvacion Z. Beligan, Ruth S. Batani; July 2013-June 2014
34. Progress and Process Monitoring of the Agricultural Extension Service Provision in Apayao; Geoffrey C. Amls, Jasmin P. Kiaso, Salvacion Z. Beligan, Ruth S. Batani; July 2013-June 2014
35. Progress and Process Monitoring of the Agrarian Reform Community Connectivity and Economic Support Services (ARCESS) Project in Benguet; Darlyn D. Tagarino, Rogelio D. Colting, Dominador S. Garin, Leopoldo N. Tagarino; August 2013-August 15, 2014
36. Progress and Process Monitoring of the Agrarian Reform Community Connectivity and Economic Support Services (ARCESS) Project in Ifugao; Darlyn D. Tagarino, Rogelio D. Colting, Dominador S. Garin, Leopoldo N. Tagarino; August 2013-August 15, 2014
37. Progress and Process Monitoring of the Agrarian Reform Community Connectivity and Economic Support Services (ARCESS) Project in Mountain Province; Darlyn D. Tagarino, Rogelio D. Colting, Dominador S. Garin, Leopoldo N. Tagarino; August 2013-August 15, 2014
38. Contextualizing Teaching Practices in a Diversified Classroom: An Assessment; Percyveranda A. Lubrica, Janet Lynn S. Montemayor, Evelyn S. Angiwan, Arnulfo C. Capili; August 2013-August 2014
39. Agroforestry as a Strategy for Climate Change Adaptation and Mitigation; Kenneth A. Laruan, Freddie L. Acdaway, Conrado C. Bao-idang, Dante S. Chichioco, Marissa R. Parao, Paquito P. Untalan; August 2013-August 2014
40. Profiling, Propagation and Utilization of Indigenous Trees Used as Teas in Benguet; John G. Tacloy; August 16, 2013-August 15,2014
41. Field Performance of Rooted Deguai (*Saurauia bontocensis*) Cuttings with Different Soil Amendments; Sano L. Ngiwas; August 2013-August 2014
42. Comparative Economic Analysis of Organic and Conventional Strawberry Production Systems with Emphasis on Mites Management; Maria Ana C. Tanyag, Casiano S. Pagadan, Alexander P. Baday; October 2013-April 2014
43. Biodiversity assessment of the mossy forest of Mount Purgatory-Mangisi; Kenneth A. Laruan, Marissa R. Parao; November 2013-April 2014
44. Morphological Characterization of Native Pigs in Benguet: Cranial Measurement on Native Pigs at the Animal Genetic Resources Project of Benguet State University; Sonwright B. Maddul, Nestor E. Pilayan; December 2013-March 2014
45. Indigenous Knowledge, Technology and Role of Roots and Tubers Among Indigenous Peoples in Northern Philippines; Betty T. Gayao, Dalen T. Meldoz, Grace S. Backian, Collaborating Researchers ( SUC, LGU, NCIP, DA); February 2012-December 2014
46. Diversity of Roots and Tubers Grown and Known by Indigenous Peoples in Northern Philippines; Betty T. Gayao, Dalen T. Meldoz, Grace S. Backian, Collaborating Researchers (SUC, LGU, NCIP, DA); February 2012-December 2014

47. Sweetpotato Varieties Being Grown and Known by the Indigenous Peoples in Northern Philippines; Betty T. Gayao, Dalen T. Meldoz, Grace S. Backian, Collaborating Researchers (SUC, LGU, NCIP, DA); February 2012-December 2014
48. Greater and Lesser yam Varieties Being Grown and Known by Indigenous Peoples in Northern Philippines; Betty T. Gayao, Dalen T. Meldoz, Grace S. Backian, Collaborating Researchers (SUC, LGU, NCIP, DA); February 2012-December 2014
49. Taro and Tannia Varieties Being Grown and Known by the Indigenous Peoples in Northern Philippines; Betty T. Gayao, Dalen T. Meldoz, Grace S. Backian, Collaborating Researchers (SUC, LGU, NCIP, DA); February 2012-December 2014
50. Cassava Varieties Being Grown and Known by the Indigenous Peoples in Northern Philippines; Betty T. Gayao, Dalen T. Meldoz, Grace S. Backian, Collaborating Researchers (SUC, LGU, NCIP, DA); February 2012-December 2014
51. Informal Seed System on Root and Other Tuber Crops Among Indigenous Peoples in Northern Philippines; Betty T. Gayao, Dalen T. Meldoz, Grace S. Backian, Collaborating Researchers (SUC, LGU, NCIP, DA); February 2012-December 2014
52. Land Use and Cropping Systems Used in Root and Tuber Crops Farming in Northern Philippines; Betty T. Gayao, Dalen T. Meldoz, Grace S. Backian, Collaborating Researchers (SUC, LGU, NCIP, DA); February 2012-December 2014
53. Indigenous Storage and Utilization Technology on Root and Tuber Crops Among Indigenous Peoples in Northern Philippines; Betty T. Gayao, Dalen T. Meldoz, Grace S. Backian, Collaborating Researchers (SUC, LGU, NCIP, DA); February 2012-December 2014
54. Indigenous Crop Management Techniques in Root and Tuber Crops Among Indigenous Peoples in Northern Philippines; Betty T. Gayao, Dalen T. Meldoz, Grace S. Backian, Collaborating Researchers (SUC, LGU, NCIP, DA); February 2012-December 2014
55. Pests and Diseases of Root and Tuber Crops and Control Measures Employed by Indigenous Peoples in Northern Philippines; Betty T. Gayao, Dalen T. Meldoz, Grace S. Backian, Collaborating Researchers (SUC, LGU, NCIP, DA); February 2012-December 2014
56. Socio-Economic Benefits in Conservation, Production and Utilization of Roots and Tubers Among Indigenous Peoples in Northern Philippines; Betty T. Gayao, Dalen T. Meldoz, Grace S. Backian, Collaborating Researchers (SUC, LGU, NCIP, DA); February 2012-December 2014
57. Loss of Indigenous Knowledge on Root Crop Diversity, Production and Utilization Practices Among selected Ethnolinguistic Groups in Northern Philippines; Betty T. Gayao, Dalen T. Meldoz, Grace S. Backian, Collaborating Researchers (SUC, LGU, NCIP, DA); February 2012-December 2014
58. Storage Root Loss Assessment of Sweetpotato Entries at La Trinidad and Buguias, Benguet and Sagada, Mt. Province; Esther T. Botangen, Joyce K. Mama-o, Ines C. Gonzales, Arthur T. Botangen; May 2012-December 2014
59. Benguet Pulse survey on the proposed regional autonomy; Mursha D. Gapasin, Christian Licayao, Gigy G. Banes, Matyline A. Camfil, Ruth S. Batani; July 2012-June 2014
60. Evaluation of Selected Potential Taro Cultivars Under La Trinidad Condition; Donita K. Simongo, Lito M. Pacuz, Esther T. Botangen, Teresita D. Masangcay; November 2012-May 2014
61. Development of Nutri-Chickpea (*Garbanzos*) Based Food Products and Towards Commercialization; Ines C. Gonzales, Esther T. Botangen, Hilda L. Quindara, Fernando R. Gonzales, Donita K. Simongo, Teresita D. Masangcay, Pelin B. Belino, Joyce K. Mama-o; July 2011-July 2014
62. Developing IPM Strategies against Pests and Diseases of Pigeonpea (*Cajanus cajan L.*); Fernando R. Gonzales; November 2011-December 2014
63. Evaluation on the Productivity of Cassava Intercropped with Bush Beans Under La Trinidad Condition; Lito M. Pacuz, Donita K. Simongo; May 2009-August 2014
64. Evaluation on the Different Number of Nodes Per Cuttings of Cassava Under La Trinidad Condition; Lito M. Pacuz, Donita K. Simongo; May 2009-August 2014
65. Verification on the Different Portion of Cassava Cuttings as Planting Materials Under La Trinidad Condition; Lito M. Pacuz, Donita K. Simongo; May 2009-August 2014
66. Verification on the Different Stem Diameter of Cassava Cuttings as Planting Materials Under La Trinidad Condition; Lito M. Pacuz, Donita K. Simongo; May 2009-August 2014
67. Documentation and Characterization of Farmers' Existing Yam Varieties and NPRCRTC Collections; Grace S. Backian, Esther T. Botangen, Betty T. Gayao, Dalen T. Meldoz; April 2008-December 2014
68. Advanced yield trial of potential strawberry varieties; Danilo P. Padua, Casmir S. Ligat; June 1999-August 2014



## APPENDIX D. LIST OF PAPERS PRESENTED

### International

1. Arabica Coffee Production Under Pine Forest: An Agroforestry Technology for Watershed Conservation and People's Livelihood in the Cordillera Administrative Region; Valentino L. Macanes; 1<sup>st</sup> International Agroforestry Congress, Bohol Plaza Hotel; March 19-21, 2014; PAFERN, UPLB-IAF, BISU
2. Development of Nutri-Chickpea (*Cicer arietanum L.*) Food Products Towards Commercialization; Ines C. Gonzales; 29<sup>th</sup> International Horticultural Congress 2014, Brisbane, Australia; August 17-24, 2014; International Horticultural Congress 2014
3. The use of BCA-Based Technology in the Management of Root-Knot Nematodes in Carrot for Food Safety and Sustainability; Luciana M Villanueva, Jocelyn Perez, Floresca Agustin; 6<sup>th</sup> International Conference of the APAEN, Naga City, Philippines; August 18-22, 2014; Asia Pacific Association of Educators in Agriculture and Environment, SEARCA, CHRD, Central Bicol State University, DA-Reg. V
4. Recommended Semi-Temperate Vegetable Varieties for Organic Production In Different Agro-Ecological Zones of the Philippines Highlands: Viable Green Technology Towards Food Safety and Sustainability; Belinda Tad-awan, Darwin Basquial; 6<sup>th</sup> International Conference of the APAEN, Naga City, Philippines, August 18-22, 2014; Asia Pacific Association of Educators in Agriculture and Environment, SEARCA, CHRD, Central Bicol State University, DA-Reg. V
5. Indigenous Food Crops In Cordillera, Philippines: Biodiversity Loss Assessment and Documentation of Traditional Utilization and Conservation Practices; Belinda Tad-awan, Esther Josephine Sagalla, Ritcher Balatao; 6<sup>th</sup> International Conference of the APAEN, Naga City, Philippines; August 18-22, 2014; Asia Pacific Association of Educators in Agriculture and Environment, SEARCA, CHRD, Central Bicol State University, DA-Reg. V
6. Poverty and Food Security Impacts of IRRI Contributions to Modern Varietal Replacement in Bangladesh, Indonesia and the Philippines; Cheryl C. Launio, et. al.; Global Markets and Rice Trade Conference and 4<sup>th</sup> International Rice Congress, Bangkok, Thailand/ Pathumthani, Thailand; October 27-31, 2014
7. Who Produces the Cheapest Rice Among Six Selected Asian Countries?; Cheryl C. Launio, et. al.; Global Markets and Rice Trade Conference and 4<sup>th</sup> International Rice Congress, Bangkok, Thailand/ Pathumthani, Thailand; October 27-31, 2014
8. Rice Yield Impacts of Using Small-Scale Irrigation Systems in the Philippines (poster); Cheryl C. Launio, et. al.; Global Markets and Rice Trade Conference and 4<sup>th</sup> International Rice Congress, Bangkok, Thailand/ Pathumthani, Thailand; October 27-31, 2014
9. Use of Small-Scale Irrigation Systems in Rice –Based Farming in the Philippines (poster); Cheryl C. Launio, et. al.; Global Markets and Rice Trade Conference and 4<sup>th</sup> International Rice Congress, Bangkok, Thailand/ Pathumthani, Thailand; October 27-31, 2014
10. IPM of Pigeon Pea Pod Borer (*Helcoverpa armigera* Hubner) Using Nucleopolyhedrovirus (NPV); Eulogio V. Carona, Jr.; 2014 International Society for South East Asian Agriculture Sciences Congress, Nodai Mae Academia Tokyo University of Agriculture, Tokyo, Japan; November 7-12, 2014; International Society for South East Asian Agriculture Sciences (ISSAAS)
11. Preliminary Evaluation of taro Germplasm under La Trinidad Condition; Donita K. Simongo; 2014 ISSAAS International Congress, Nodai Mae Academia Tokyo University of Agriculture, Tokyo, Japan; November 7-12, 2014; International Society for South East Asian Agriculture Sciences (ISSAAS)
12. Potato Quality Planting Material Production for Livelihood / Entrepreneurship: Training and Extension Activity; Cynthia Kiswa; 2014 ISSAAS International Congress, Nodai Mae Academia Tokyo University of Agriculture, Tokyo, Japan; November 7-12, 2014; International Society for South East Asian Agriculture Sciences (ISSAAS)
13. Regeneration of Ginger Through Tissue Culture for Quality Seed Production; Cynthia Kiswa; 2014 ISSAAS International Congress, Nodai Mae Academia Tokyo University of Agriculture, Tokyo, Japan; November 7-12, 2014; International Society for South East Asian Agriculture Sciences (ISSAAS)
14. School- Based Management by Benguet Public Secondary School Heads: An Impact Analysis; Percyveranda A. Lubrica, Manolita N. Alvaro, Ruth S. Batani, Jingle P. Cuevas, Dominador S. Garin, Imelda G. Parcasio; 2nd Asian Conference, Marco Polo, Davao City; November 26-28, 2014; Multidisciplinary Research in Higher Education

15. Influence of Accreditation to the State Universities and Colleges Educational Management of the Institution; Desiree F. Botengan; 2<sup>nd</sup> Asian Conference, Marco Polo, Davao City; November 26-28, 2014; Multidisciplinary Research in Higher Education
16. Contextualizing Teaching Practices in a Diversified Classroom: An Assessment; Percyveranda Lubrica, Evelyn S. Angiwan, Arnulfo C. Capili, Janet Lynn S. Montemayor, Percival Q. Palope, Elvy S. Taquio; 2014 ASAIHL Conference, Nanyang Technological University; December 3-5, 2014; ASAIHL; 2<sup>nd</sup> Asian Conference, Marco Polo, Davao City; November 26-28, 2014; Multidisciplinary Research in Higher Education
17. Diversity of Arabica Coffee and Heirloom Rice in Benguet; Philippines; Belinda A. Tad-awan; 1<sup>st</sup> International Research and Education Conference for the Academe of Today, Ibay Zion Hotel, Baguio City; November 29-December 1, 2014; ILS Development and Training Inc.
18. Quellmalz Higher Order Thinking Skills and Student's Academic Performance in Physics; Bretel B. Dolipas, Jennifer Lyn S. Ramos; 1<sup>st</sup> International Research and Education Conference for the Academe of Today, Ibay Zion Hotel, Baguio City; November 29-December 1, 2014; ILS Development and Training Inc.
19. Quality Assurance Protocol for Cordillera-Pork Based Delicacy (Etag); Cynthia D. Garambas, Sherilyn B. Balauro; 1<sup>st</sup> International Research and Education Conference for the Academe of Today, Ibay Zion Hotel, Baguio City; November 29-December 1, 2014; ILS Development and Training Inc.
20. Nursing Students' Perspective of Bullying Behaviour Experienced in Clinical Setting: A descriptive cross sectional study; Jude L. Tayaben, Doris S. Natividad, Rovencio E. Apilado; 1<sup>st</sup> International Research and Education Conference for the Academe of Today, Ibay Zion Hotel, Baguio City; November 29-December 1, 2014; ILS Development and Training Inc.
21. Mathematical Knowledge Construction Patterns of Students of Benguet State University in Problem Solving Context; Serano L. Oryan; 1<sup>st</sup> International Research and Education Conference for the Academe of Today, Ibay Zion Hotel, Baguio City; November 29-December 1, 2014; ILS Development and Training Inc.
22. Physical and Environmental Dimentions of Wellness of Public Higher Education Institutions Employees in the Cordillera Administrative Region; Eduardo P. Laconsay; 1<sup>st</sup> International Research and Education Conference for the Academe of Today, Ibay Zion Hotel, Baguio City; November 29-December 1, 2014; ILS Development and Training Inc.
23. Development of Organic Fertilizer Products and Systems for Organic Vegetable Production; Carlito P. Laurean; 1<sup>st</sup> International Research and Education Conference for the Academe of Today, Ibay Zion Hotel, Baguio City; November 29-December 1, 2014; ILS Development and Training Inc.
24. Potato Quality Planting Material Production for Livelihood / Entrepreneurship: A techno-transfer endeavor; Cynthia G. Kiswa, Paz A. Dalang, Teresita D. Masangcay; 1<sup>st</sup> International Research and Education Conference for the Academe of Today, Ibay Zion Hotel, Baguio City; November 29-December 1, 2014; ILS Development and Training Inc.
25. Indigenous Knowledge Documentation for Education Materials in the Philippine Cordilleras; Maria Luz D. Fang-asan; 2014 World Indigenous Peoples Conference on Education (2014 WIPCE), Honolulu, Hawaii; May 19-24, 2014

#### **National**

1. Practicing Public Anthropology with Focus on PLBennagen; Ruth S. Batani; Practicing Public Anthropology; CSSP-UP-Diliman; March 7, 2014; Department of Anthropology, CSSP-UP-Diliman
2. Method and Application on the Micropropagation Technique of Chayote in the Cordillera (Poster); Milagros R. Dumaslan; Philippine Association for Plant Tissue Culture & Biotechnology (PAPTCB), The Ritz Hotel at Garden Oaes, Davao City; April 21-26, 2014; PAPTCB
3. The Responses of Filipino Workers to Working Conditions in England and its Implications for Lifelong Learning; Jaojao A. Somyden; 2<sup>nd</sup> Multi-disciplinary Research Convention, Vigan City, Ilocos Sur; April 30-May 2, 2014; University of Northern Philippines (UNP)
4. Allometric Model for Benguet Pine Above Ground Biomass; Jones T. Napaldet; ResPhilScene National Scientific Conference UP Baguio, Baguio City; May 6 - 9, 2014; ResPhil-SCENE
5. Different Crops Grown in Succession Using Wild Sunflower as Green Manure Under Greenhouse Condition; Jose G. Balaoing, Gennie B. Soyon; 17<sup>th</sup> PSSST Annual Meeting and Scientific Conference, Aklan State University, Banga, Aklan; May 7-9, 2014; PSSST

6. Comparative Analysis of the Physical and Chemical Properties and Microbial Biomass of Conventional and Organic Farms; Carlito P. Laurean, Asuncion L. Nagpala, Crissa Denice G. Datic; 17<sup>th</sup> PSSST Annual Meeting and Scientific Conference, Aklan State University, Banga, Aklan; May 7-9, 2014; PSSST
7. Efficacy of Formulated Solid Organic Fertilizer on Arabica Coffee (*Coffea arabica*) for organic production; Emilia F. Dayap, Mario M. Marquez, Loida B. Malucay, Von Y. Amado, Fliverio S. Cabading, Henry S. Bernard; 17<sup>th</sup> PSSST Annual Meeting and Scientific Conference, Aklan State University, Banga, Aklan; May 7-9, 2014; PSSST
8. Variety Evaluation, On-Farm Trials and Genotype x Environment (GxE) Analysis on Semi-Temperate Vegetables for Organic Production in four Agro-Ecological Zones of the Cordillera Highlands; Belinda A. Tad-awan, Darwin A. Basquial; 44<sup>th</sup> National CSSP Scientific Conference, Cebu Parklane International Hotel Cebu City; May 12-16, 2014; CSSP, Inc.
9. Variety Evaluation, On-farm Trials and Genotype x Environment (G x E) Analysis on Semi-Temperate Vegetables for Organic Production in Four Agro-Ecological Zones of the Cordillera Highlands; Belinda A. Tad-awan, Darwin A. Basquial; 44<sup>th</sup> National CSSP Scientific Conference, Cebu Parklane International Hotel Cebu City; May 12-16, 2014; CSSP, Inc.
10. Phenotypic Characterization and Molecular Screening of Induced Mutation in Tomato for Virus Resistance; Leoncia L. Tandang et. al.; 44<sup>th</sup> National CSSP Scientific Conference, Cebu Parklane International Hotel Cebu City; May 12-16, 2014; CSSP, Inc.
11. Evaluation of Fresh pod, Seed Yield and Acceptability of Potential Garden Pea Varieties in Mankayan; Benguet, Leoncial L. Tandang, Amelia M. Kimeu, Bernard B. Amlos, Michael G. Comafay, Bonifacio A. Kebasen, Johnson Bagtila; 44<sup>th</sup> National CSSP Scientific Conference, Cebu Parklane International Hotel Cebu City; May 12-16, 2014; CSSP, Inc.
12. Evaluation of Yield and Farmers' Acceptability of Ten Varieties of Pole Snap Bean (*Phaseolus vulgaris* L.) Under Organic Production System in La Trinidad; Leoncial L. Tandang, Amelia M. Kimeu, Bernard B. Amlos, George B. Ugalde, Jr., Bonifacio A. Kebasen, Johnson Bagtila; 44<sup>th</sup> National CSSP Scientific Conference, Cebu Parklane International Hotel Cebu City; May 12-16, 2014; CSSP, Inc.
13. Preliminary Study on Biodiversity Loss Assessment, Utilization and conservation of Indigenous Food Crops in the Cordillera Administrative Region (CAR); Belinda A. Tad-awan, Esther Josephine D. Sagalla, Ritcher B. Batalao; PSSN 14<sup>th</sup> Annual National Scientific Conference, Benguet State University; May 20-24, 2014; PSSN, Inc.
14. Rice Straw Compost as Amendment to Reduce Soil Copper Toxicity in Lowland Rice Paddy Field; Cirilo A. Lagman Jr., Virginia C. Cuevas, Frances Grace E. Malamnao, Joey I. Orajay; PSSN 14<sup>th</sup> Annual National Scientific Conference, Benguet State University; May 20-24, 2014; PSSN, Inc.
15. Community-Level Climate Change Vulnerability and Adaptive Capacity Assessment of Vegetable Agroecosystems in Benguet; Ben D. Ladilad, Maria Luz D. Fang-asan, Mursha D. Gapasin, Carlito C. Laurean, Marissa R. Parao, Norren A. Ancheta; PSSN 14<sup>th</sup> Annual National Scientific Conference, Benguet State University; May 20-24, 2014; PSSN, Inc.
16. Defining Stakeholders' Participation in Buenlag-Sabangan River's Conservation and Management: A Multidisciplinary Approach; Romeo A. Gomez, Shella C. Parreno; PSSN 14<sup>th</sup> Annual National Scientific Conference, Benguet State University; May 20-24, 2014; PSSN, Inc.
17. Management of Cabbage Pests In An Organic Farm; Luciana M. Villanueva, Jocelyn C. Perez, Jezreel Ibis; PSSN 14<sup>th</sup> Annual National Scientific Conference, Benguet State University; May 20-24, 2014; PSSN, Inc.
18. The Return of Organic Agriculture in Benguet: A Chronicle of the Farmers' Journey in Organic Agriculture; Michelle Gatab-Laruan; PSSN 14<sup>th</sup> Annual National Scientific Conference, Benguet State University; May 20-24, 2014; PSSN, Inc.
19. Lapat System, Indigenous Knowledge Systems, and Practices (IKSP) of Maeng Tribe – Tubo: A Climate Change Adaptation Strategy in Fisheries Resource Management; Paul Joseph A. Nuval, Lita M. Colting; PSSN 14<sup>th</sup> Annual National Scientific Conference, Benguet State University; May 20-24, 2014; PSSN, Inc.
20. Diversity of Soil Fungi and Bacteria in Conventional Farms of La Trinidad, Benguet Grown with Vegetables, Cutoffers and Strawberries; Asuncion L. Nagpala, JCAlabat, MBPanganiban; CHED National Research Conference: Higher Education Institution's R & D for National Development, Grand Regal Hotel, Davao City; August 5-8, 2014; CHED-HERRC

21. Plant Parasitic Nematodes Associated with Strawberry and Selected Ornamental Crops/Cutflowers in La Trinidad and Atok, Benguet; Luciana M. Villanueva, Vitricia Agate P. Matiw; CHED National Research Conference: Higher Education Institution's R & D for National Development, Grand Regal Hotel, Davao City; August 5-8, 2014; CHED-HERRC
22. Towards the Development of Local Antisera for Planting Materials Certification of High Value Crops in the Cordillera Administrative Region; Janet S. Luis, Jocelyn C. Perez, Grace S. Backian, Cynthia G. Kiswa, Jennie T. Bawayan, CBCodod; CHED National Research Conference: Higher Education Institution's R & D for National Development, Grand Regal Hotel, Davao City; August 5-8, 2014; CHED-HERRC
23. Development of Appropriate Micropropagation Techniques for Selected Endemic Ornamental Crops; Araceli G. Ladilad, Jemma Rose M. Kilakil; CHED National Research Conference: Higher Education Institution's R & D for National Development, Grand Regal Hotel, Davao City; August 5-8, 2014; CHED-HERRC
24. Indigenous Food Crops in the Cordillera: Species Richness, Diversity, and Perceptions on Biodiversity Loss, Utilization and Conservation Practices; Belinda A. Tad-awan, Esther Josephine D. Sagalla, Ritcher B. Batalao; CHED National Research Conference: Higher Education Institution's R & D for National Development, Grand Regal Hotel, Davao City; August 5-8, 2014; CHED-HERRC
25. Profiling and Propagation of Indigenous Shrubs and Trees Used as Teas in Benguet; John G. Tacloy; CHED National Research Conference: Higher Education Institution's R & D for National Development, Grand Regal Hotel, Davao City; August 5-8, 2014; CHED-HERRC
26. Agroforestry as a Strategy for Climate Change Adaptation and Mitigation; Kenneth A. Laruan, Freddie L. Acdawey, Conrado C. Bao-idang, Dante S. Chichioco, Marissa R. Parao, Paquito P. Untalan, MTPalista; CHED National Research Conference: Higher Education Institution's R & D for National Development, Grand Regal Hotel, Davao City; August 5-8, 2014; CHED-HERRC
27. School-Based Management by School Heads: An Impact Analysis; Percyveranda A. Lubrica, Manolita N. Alvaro, Ruth S. Batani, JPCuevas, Dominador S. Garin, Alma Vida G. Gallardo, Imelda G. Parcasio; CHED National Research Conference: Higher Education Institution's R & D for National Development, Grand Regal Hotel, Davao City; August 5-8, 2014; CHED-HERRC
28. Time Use Study: Indigenous Households as Sites for Everyday Negotiations and Organizing Community; Ruth S. Batani, Gigy B. Banes; CHED National Research Conference: Higher Education Institution's R & D for National Development, Grand Regal Hotel, Davao City; August 5-8, 2014; CHED-HERRC
29. Parenting Too Soon: Education and Child Care Concerns of College Student-Mothers in CAR; Mursha D. Gapasin, Gigy B. Banes, Ann Heather B. Kiwang; CHED National Research Conference: Higher Education Institution's R & D for National Development, Grand Regal Hotel, Davao City; August 5-8, 2014; CHED-HERRC.
30. Insect Pests of Highland Crops in Benguet; Lucille M. Faroden, Kevin Joe P. Eladjoe; CHED National Research Conference: Higher Education Institution's R & D for National Development, Grand Regal Hotel, Davao City; August 5-8, 2014; CHED-HERRC
31. Analysis of the Physical and Chemical Properties of Soils in Three Agro-Ecological Zones in CAR; Carlito P. Laurean, Craig P. Lucas, Dexter D. Kisim; CHED National Research Conference: Higher Education Institution's R & D for National Development, Grand Regal Hotel, Davao City; August 5-8, 2014; CHED-HERRC
32. Survey and Identification of Quarantine Diseases: Emerging Important Diseases of Highland Crops; Janet S. Luis, Jocelyn C. Perez, Grace S. Backian, Cynthia G. Kiswa, Jennie T. Bawayan, CBCodod; CHED National Research Conference: Higher Education Institution's R & D for National Development, Grand Regal Hotel, Davao City; August 5-8, 2014; CHED-HERRC
33. Field Performance of Rooted Deguai (*Saurauia bontocensis*) Cuttings with Different Soil Amendments; Sano L. Ngiwas, ABTaligan; CHED National Research Conference: Higher Education Institution's R & D for National Development, Grand Regal Hotel, Davao City; August 5-8, 2014; CHED-HERRC
34. Prevalence of Parasitic Zoonoses in Dogs and Ruminants in Benguet; Criselda S. Battad; CHED National Research Conference: Higher Education Institution's R & D for National Development; Grand Regal Hotel, Davao City; August 5-8, 2014; CHED-HERRC



35. Influence of the State Universities and Colleges' Accreditation to the Educational Management of the Institution; Percyveranda A. Lubrica, Desiree F. Botengan, Esper L. Feliciano, FBManas; CHED National Research Conference: Higher Education Institution's R & D for National Development, Grand Regal Hotel, Davao City; August 5-8, 2014; CHED-HERRC
36. Contextualizing Teaching Practices in a Diversified Classroom: An Assessment; Percyveranda A. Lubrica, Arnulfo C. Capili, Evelyn S. Angiwan, JSMontemayor; CHED National Research Conference: Higher Education Institution's R & D for National Development, Grand Regal Hotel, Davao City; August 5-8, 2014; CHED-HERRC
37. On the Back Benguet Basket Carriers, Stanley F. Anongos; CHED National Research Conference: Higher Education Institution's R & D for National Development; Grand Regal Hotel, Davao City; August 5-8, 2014; CHED-HERRC
38. Communication Strategies Employed by Pesticide Companies: It's Influences on Attitude and Practices of Farmers in Benguet, CAR, Philippines; Christine Grace B. Sidchogan, Filmore Y. Awas, PNUval; CHED National Research Conference: Higher Education Institution's R & D for National Development, Grand Regal Hotel, Davao City; August 5-8, 2014; CHED-HERRC
39. Factors Affecting Lifestyle and Health Status of Pocket Miners of Benguet; Mary Rose B. Catapang, Louisa F. Laron, Manolita N. Alvaro, Doris S. Natividad, JSMontemayor, MEGay-as; CHED National Research Conference: Higher Education Institution's R & D for National Development, Grand Regal Hotel, Davao City; August 5-8, 2014; CHED-HERRC
40. The 'Anthropological' in Public Anthropology and Defining 'Anthropology' from the Publication: A Second Look at PLBennagen and LAGiminez Discourses on Self Determination; Ruth S. Batani; 36th Annual Conference of the Ugnayang Pang-Aghamtao (UGAT), Saint Louis University, Baguio City; October 23, 2014; 36th Annual Conference of the Ugnayang Pang-Aghamtao (UGAT)
41. Diversions of Benguet Material Culture, Stanley F. Anongos; 36th Annual Conference of the Ugnayang Pang-Aghamtao (UGAT); Saint Louis University, Baguio City; October 23, 2014; 36th Annual Conference of the Ugnayang Pang-Aghamtao (UGAT)

## Regional

1. Variety Evaluation, On-Farm Trials, Seed Production and Genotype x Environment (G x E) Analysis of Vegetables for Organic Production in the Cordillera Highlands; Belinda A. Tad-awan, Darwin A. Basquial, Jocelyn C. Perez, Josie C. Orlang; 4th HARRDEC-CIERDEC Joint Regional Symposium on R & D Highlights (RSRDH), ATI-CAR, La Trinidad, Benguet; October 2, 2014; HARRDEC-CIERDEC
2. Agroforestry as a Strategy for Climate Change Adaptation and Mitigation; Kenneth A. Laruan, Freddie L. Acdaway, Conrado C. Bao-idang, Dante S. Chichioco, Marissa R. Parao, Paquito P. Untalan, Mendil T. Palista; 4th HARRDEC-CIERDEC Joint Regional Symposium on R & D Highlights (RSRDH), ATI-CAR, La Trinidad, Benguet; October 2, 2014; HARRDEC-CIERDEC
3. Development of Root Crops-Wheat Flour Formulations for Quality Fresh Miki Noodles; Violeta B. Salda, Cristine B. Esnara; 4th HARRDEC-CIERDEC Joint Regional Symposium on R & D Highlights (RSRDH), ATI-CAR, La Trinidad, Benguet; October 2, 2014; HARRDEC-CIERDEC
4. Role of Root Crops and Tubers in Household Food Security and Income of Indigenous Peoples in Northern Philippines; Betty T. Gayao, Dalen T. Meldoz, Grace S. Backian; 4th HARRDEC-CIERDEC Joint Regional Symposium on R & D Highlights (RSRDH), ATI-CAR, La Trinidad, Benguet; October 2, 2014; HARRDEC-CIERDEC
5. Time Use Analysis: Indigenous Households as Sites for Everyday Negotiations and Organizing Community Life; Ruth S. Batani, Gigy B. Banes; 4th HARRDEC-CIERDEC Joint Regional Symposium on R & D Highlights (RSRDH), ATI-CAR, La Trinidad, Benguet; October 2, 2014; HARRDEC-CIERDEC
6. Department of Agrarian Reform – Agrarian Reform Community Connectivity and Economic Support Services; Darlyn D. Tagarino, Rogelio D. Colting, Dominador S. Garin, Leopoldo N. Tagarino; 4th HARRDEC-CIERDEC Joint Regional Symposium on R & D Highlights (RSRDH), ATI-CAR, La Trinidad, Benguet; October 2, 2014; HARRDEC-CIERDEC



7. Price Elasticity of Demand of Chicken Meat in the Philippines: 1990-2012; Rashid B. Lokines; 4<sup>th</sup> HARRDEC-CIERDEC Joint Regional Symposium on R & D Highlights (RSRDH), ATI-CAR, La Trinidad, Benguet, October 2, 2014; HARRDEC-CIERDEC
8. Price and Income Elasticity of Demand of Cigarette at Benguet State University; La Trinidad, Benguet, Rashid B. Lokines, Jovita M. Sim; 4<sup>th</sup> HARRDEC-CIERDEC Joint Regional Symposium on R & D Highlights (RSRDH), ATI-CAR, La Trinidad, Benguet; October 2, 2014; HARRDEC-CIERDEC
9. Participatory and Community Based Climate Change Adaptation Strategies in Benguet Province, Local Definition, Awareness and Identification of Climate Change Hazards and Vulnerability of Selected AFEZ in Benguet; Ben D. Ladilad, Maria Luz D. Fang-asan, Mursha D. Gapasin, Carlito P. Laurean, Marissa R. Parao; 4<sup>th</sup> HARRDEC-CIERDEC Joint Regional Symposium on R & D Highlights (RSRDH), ATI-CAR, La Trinidad, Benguet; October 2, 2014; HARRDEC-CIERDEC
11. Artifact Speak: Validating the Cultural Meanings of Artifacts; Stanley F. Anongos; 4<sup>th</sup> HARRDEC-CIERDEC Joint Regional Symposium on R & D Highlights (RSRDH), ATI-CAR, La Trinidad, Benguet; October 2, 2014; HARRDEC-CIERDEC
12. Nursing Students' Perspective of Bullying Behaviors Experienced in State Universities and Colleges of Cordillera Region; Jude L. Tayaben, Doris S. Natividad, Rovencio Apilado; 4<sup>th</sup> HARRDEC-CIERDEC Joint Regional Symposium on R & D Highlights (RSRDH), ATI-CAR, La Trinidad, Benguet; October 2, 2014; HARRDEC-CIERDEC
13. Perceived Employability Skills Among Graduates of Benguet State University, 2012-2013: Implications to Curriculum Enhancement, Student Training and Development (January 2013-June 2014); Leonila R. Sito; 4<sup>th</sup> HARRDEC-CIERDEC Joint Regional Symposium on R & D Highlights (RSRDH), ATI-CAR, La Trinidad, Benguet; October 2, 2014; HARRDEC-CIERDEC
14. Mathematical Knowledge Construction Patterns of Selected Students of Benguet State University in Problem Solving Context; Serano L. Oryan; 4<sup>th</sup> HARRDEC-CIERDEC Joint Regional Symposium on R & D Highlights (RSRDH), ATI-CAR, La Trinidad, Benguet; October 2, 2014; HARRDEC-CIERDEC
15. Contextualizing Teaching Practices in a Diversified Classroom: An Assessment; Percyveranda A. Lubrica, Janet Lynn S. Montemayor, Evelyn S. Angiwan, Arnulfo C. Capili; 4<sup>th</sup> HARRDEC-CIERDEC Joint Regional Symposium on R & D Highlights (RSRDH), ATI-CAR, La Trinidad, Benguet; October 2, 2014; HARRDEC-CIERDEC
16. School-Based Management by Benguet Public Secondary School Heads: An Impact Analysis; Percyveranda A. Lubrica, Manolita N. Alvaro, Ruth S. Batani, Jingle P. Cuevas, Alma Vida G. Gallardo, Dominador S. Garin, Imelda G. Parcasio; 4<sup>th</sup> HARRDEC-CIERDEC Joint Regional Symposium on R & D Highlights (RSRDH), ATI-CAR, La Trinidad, Benguet; October 2, 2014; HARRDEC-CIERDEC
17. Climate Change and Its Effects to the Agriculture and Fisheries Sector; Carlito P. Laurean; Regional Agriculture and Fishery Council-CAR Summit, Rajah Soliman Hotel, Baguio City; November 27, 2014; DA-CAR
18. Comparative Economic Analysis of Organic and Conventional Strawberry Production Systems with Emphasis on Mite Management; Maria Ana C. Tanyag, Casiano S. Pagadan, Alexander P. Baday; 4<sup>th</sup> HARRDEC-CIERDEC Joint Regional Symposium on R & D Highlights (RSRDH); ATI-CAR, La Trinidad, Benguet; October 2, 2014; HARRDEC-CIERDEC
19. Regional Germplasm Evaluation and Breeding for Pest and Physiological Stress; Cynthia G. Kiswa, Paz A. Dalang, Esther T. Botangen, Jocelyn C. Perez, Jordan T. Tomin; 4<sup>th</sup> HARRDEC-CIERDEC Joint Regional Symposium on R & D Highlights (RSRDH); ATI-CAR, La Trinidad, Benguet; October 2, 2014; HARRDEC-CIERDEC
20. Saving Mount Purgatory Study 1. Biodiversity Assessment of the Mossy Forest of Mount Purgatory-Mangisi; Kenneth A. Laruan, Marissa R. Parao; 4<sup>th</sup> HARRDEC-CIERDEC Joint Regional Symposium on R & D Highlights (RSRDH); ATI-CAR, La Trinidad, Benguet; October 2, 2014; HARRDEC-CIERDEC
21. Cranial Measurements on Native Pigs at the Animal Genetic Resources Project of Benguet State University; Sonwright B. Maddul, Nestor E. Pilayan; 4<sup>th</sup> HARRDEC-CIERDEC Joint Regional Symposium on R & D Highlights (RSRDH); ATI-CAR, La Trinidad, Benguet; October 2, 2014; HARRDEC-CIERDEC
22. Documentation, Conservation, Characterization and Evaluation of Minor Root Crops; Dalen T. Meldoz, Betty T. Gayao, Grace S. Backian; 4<sup>th</sup> HARRDEC-CIERDEC Joint Regional Symposium on R & D Highlights (RSRDH); ATI-CAR, La Trinidad, Benguet; October 2, 2014; HARRDEC-CIERDEC

23. Micropropagation of Three Taro Local Cultivars for Quality Planting Materials; Cynthia G. Kiswa, Jake L. Galian; 4<sup>th</sup> HARRDEC-CIERDEC Joint Regional Symposium on R & D Highlights (RSRDH); ATI-CAR, La Trinidad, Benguet; October 2, 2014; HARRDEC-CIERDEC
24. Documentation and Assessment of the Postharvest Handling and Packaging Practices; Hilda L. Quindara; 4<sup>th</sup> HARRDEC-CIERDEC Joint Regional Symposium on R & D Highlights (RSRDH); ATI-CAR, La Trinidad, Benguet; October 2, 2014; HARRDEC-CIERDEC
25. Field Performance of Rooted Deguai (*Saurauia bontocensis*) Cuttings with Different Soil Amendments; Sano L. Ngiwas; 4<sup>th</sup> HARRDEC-CIERDEC Joint Regional Symposium on R & D Highlights (RSRDH); ATI-CAR, La Trinidad, Benguet; October 2, 2014; HARRDEC-CIERDEC
26. Development of Nutri-Chickpea (*Garbanzos*) Based Food Products and Towards Commercialization; Ines C. Gonzales, Esther T. Botangen, Hilda L. Quindara, Fernando R. Gonzales, Dontia K. Simongo, Teresita D. Masangcay, Pelin L. Belino, Joyce K. Mama-o; 4<sup>th</sup> HARRDEC-CIERDEC Joint Regional Symposium on R & D Highlights (RSRDH); ATI-CAR, La Trinidad, Benguet; October 2, 2014; HARRDEC-CIERDEC
27. Development of Root Crops-Wheat Flour Formulations for Quality Fresh Miki Noodles; Violeta B. Salda, Cristine B. Esnara; 4<sup>th</sup> HARRDEC-CIERDEC Joint Regional Symposium on R & D Highlights (RSRDH); October 2, 2014; HARRDEC-CIERDEC
28. Ten (10) Year Assessment of the Research and Extension Programs of Benguet State University: Institute of Highland Farming Systems and Agroforestry (IHFS): A Second Look at IHFS Through the Years; Matyline a Camfili, Julia A. Solimen, Ruth S. Batani, Jones T. Napaldet; 4<sup>th</sup> HARRDEC-CIERDEC Joint Regional Symposium on R & D Highlights (RSRDH); ATI-CAR, La Trinidad, Benguet; October 2, 2014; HARRDEC-CIERDEC
29. Benguet Pulse Survey on the Proposed Regional Autonomy; Mursha D. Gapsin, Christian Licayo, Gigy B. Banes, Matyline A. Camfili, Ruth S. Batani; 4<sup>th</sup> HARRDEC-CIERDEC Joint Regional Symposium on R & D Highlights (RSRDH); ATI-CAR, La Trinidad, Benguet; October 2, 2014; HARRDEC-CIERDEC
30. Progress and Process Monitoring of the Agricultural Extension Service Provision in Kalinga and Apayao; Geoffrey C. Amlos, Jasmine P. Kiaso, Salvacion Z. Beligan, Ruth S. Batani; 4<sup>th</sup> HARRDEC-CIERDEC Joint Regional Symposium on R & D Highlights (RSRDH); ATI-CAR, La Trinidad, Benguet; October 2, 2014; HARRDEC-CIERDEC
31. Balili River's Physico-Chemical Characteristics: The Effect on the River's Biological Characteristic; Bretel B. Dolipas, Jovalson T. Abiasen, Joel V. Lubrica, Jennifer Lyn S. Ramos; 4<sup>th</sup> HARRDEC-CIERDEC Joint Regional Symposium on R & D Highlights (RSRDH); ATI-CAR, La Trinidad, Benguet; October 2, 2014; HARRDEC-CIERDEC
32. 21st Century Skills Among the Faculty of a Teacher Education Institution in the Cordillera Administrative Region (Non-competitive); Imelda G. Parcasio; 4<sup>th</sup> HARRDEC-CIERDEC Joint Regional Symposium on R & D Highlights (RSRDH); ATI-CAR, La Trinidad, Benguet; October 2, 2014; HARRDEC-CIERDEC

## APPENDIX E. AWARDS AND RECOGNITION RECEIVED BY BSU RESEARCHERS

### International

1. Percyveranda A. Lubrica, Manolita N. Alvaro, Ruth S. Batani, Jingle P. Cuevas; Diamond Award, "School-Based Management by School Heads: An Impact Analysis"; International Association of Multidisciplinary Research; Nov. 28, 2014
2. Luciana M Villanueva, Jocelyn Perez, Floresca Agustin; 2<sup>nd</sup> place Best Paper – Session 4, "Improved BCA-Based Pest Management Systems for Sustainable Production of Highland Vegetables"; 6<sup>th</sup> International Conference of the Asia Pacific Association of Education in Agriculture; Aug. 22, 2014
3. Belinda Tad-awan, Darwin Basquial; 2<sup>nd</sup> place Best Paper – Session 3, "Recommended Semi-Temperate Vegetable Varieties for Organic Production in Different Agro-Ecological Zone sof the Philippine Highlands: Viable Green technology Towards Food Safety and Sustainability"; 6<sup>th</sup> International Conference of the APEAEN; Aug. 22, 2014
4. Belinda Tad-awan, Esther Josephine Sagalla, Ritcher Balatao; 2<sup>nd</sup> place Best Paper – Session 2 "Indigenous Food Crops in the Cordillera, Philippines: Biodiversity Loss Assessment and Documentation of Traditional Utilization and Conservation Practices"; 6<sup>th</sup> International Conference of the APEAEN; Aug. 22, 2014

### National

1. Jaojao A. Somyden; UNP, Vigan City / Best Oral Presenter; University of Northern Philippines; May 2, 2014
2. Jones T. Napaldet; UP Baguio, Baguio City, 3<sup>rd</sup> Best Oral Presenter, "AllomModel for Above Ground; ResPhil-SCENE; May 9, 2014
3. Crissa Genice G. Datic, Carlito P. Laurean, Asuncion L. Nagpala; 2014 Best Paper Award "Comparative Analysis of the Physical and Chemical Properties and Microbial Biomass of conventional and Organic Farms"; Philippine Society of Soil Science and Technology, Inc. (PSSST); May 9, 2014
4. Jose G. Balaoing and Gennie B. Soyoy; Second Place Poster Presentation, "Different Crops Grown in Succession Using Wild sunflower as Green Manure Under Greenhouse Condition"; 17<sup>th</sup> Philippine Society of Soil Science and Technology Annual meeting and Scientific Conference; May 7-9, 2014
5. Belinda A. Tad-awan and Darwin A. Basquial; Finalist – Best Paper Competition – Downstream Research Category "Recommended Semi-Temperate Vegetable Varieties for Organic Production in Different Agro-Ecological Zone of the Philippine Highlands: Viable Green technology Towards Food Safety and Sustainability"; Crop Science Society of the Philippines, Inc.; May 12-16, 2014
6. Leoncia L. Tandang; Best Poster Award- Upstream Category, "Phenotypic Characterization and Molecular Screening of Induced Mutation in Tomato for Virus Resistance"; Crop Science Society of the Philippines, Inc.; May 12-16, 2014

### Regional

1. Belinda A. Tad-awan, Darwin A. Basquial, Jocelyn C. Perez, Josie C. Orlang; Best Paper – AFNR Sector – 4<sup>th</sup> Joint HARRDEC-CIERDEC Regional Symposium, "Variety Evaluation, On-Farm Trials, Seed Production and Genotype x Environment (G x E) Analysis of Vegetables for Organic Production in the Cordillera"; HARRDEC-CIERDEC; Oct. 2, 2014
2. Stanley F. Anongos; 1<sup>st</sup> Best Paper, Social-Economics Sector, "Artifact Speak: Validating the Cultural Meanings of Artifacts"; HARRDEC-CIERDEC; Oct. 2, 2014
3. Percyveranda A. Lubrica, Arnulfo C. Capili, Evelyn S. Angiwan, Janet S. Montemayor; 2<sup>nd</sup> Best Paper, Education Sector, "Contextualizing Teaching Practices in a Diversified Classroom: An Assessment"; HARRDEC-CIERDEC; Oct. 2, 2014
4. Percyveranda A. Lubrica, Manolita N. Alvaro, Ruth S. Batani, Jingle P. Cuevas, Dominador S. Garin; 3<sup>rd</sup> Best paper, Education Sector, "School-Based Management by Benguet Public Secondary School Heads: An Impact Analysis"; HARRDEC-CIERDEC; Oct. 2, 2014
5. Ruth S. Batani, Gigy G. Banes; 3<sup>rd</sup> Best Paper, Social Economics Sector, "Time Use Analysis: Indigenous Households as Sites for Everyday Negotiations and Organizing; HARRDEC-CIERDEC; Oct. 2, 2014

### Local/Institutional

1. Belinda A. Tad-awan, Darwin A. Basquial, Jocelyn C. Perez, Josie C. Orlang; 1<sup>st</sup> Place – Best Paper–AFNR 1 Category, "Variety Evaluation, On-Farm Trials, Seed Production and Genotype x Environment (G x E) Analysis of Vegetables for Organic Production in the Cordillera"; Benguet State University – Agency In-House Review; Aug. 27-29, 2014
2. Violeta B. Salda, Cristine B. Esnara; 2<sup>nd</sup> Place – Best Paper – AFNR I Category, "Development of Root Crops-Wheat Flour Formulations for Quality Fresh Miki Noodles"; Benguet State University – Agency In-House Review; Aug. 27-29, 2014
3. Fernando Gonzales, et al.; 3<sup>rd</sup> Place – Best Paper – AFNR 1 Category, "Development of Nutri-Chickpea (*Garbanzos*) Based Food Products; Benguet State University – Agency In-House Review; Aug. 27-29, 2014
4. Kenneth A. Laruan, Freddie L. Acwadey, Conrado C. Bao-idang, Dante S. Chichioco, Marissa R. Parao, Paquito P. Untalan, Mendil T. Palista; 1<sup>st</sup> Place – Best Paper – AFNR 2 Category; Benguet State University – Agency In-House Review, "Agroforestry as a Strategy for Climate Change Adaptation and Mitigation"; Aug. 27-29, 2014

5. Betty T. Gayao, Dalen T. Meldoz, Grace S. Backian; 2<sup>nd</sup> Place – Best Paper – AFNR 2 Category, “Role of Root Crops and Tubers in Household Food Security and Income of Indigenous Peoples in Northern Philippines (9 studies)”; Benguet State University – Agency In-House Review; Aug. 27-29, 2014
6. Ruth S. Batani, Gigy B. Banes; 1<sup>st</sup> Place – Best Paper – Social Category, “Time Use Analysis: Indigenous Households as Sites for Everyday Negotiations and Organizing Community Life”; Benguet State University – Agency In-House Review; Aug. 29, 2014
7. Darlyn D. Tagarino, Rogelio D. Colting, Dominador S. Garin, Leopoldo N. Tagarino, Kathleen Cungihan; 2<sup>nd</sup> Place – Best Paper – Social Category, “Department of Agrarian Reform – Agrarian Reform Community Connectivity and Economic Support Services”; Benguet State University – Agency In-House Review; Aug. 29, 2014
8. Mursha D. Gapasin, Maria Luz D. Fang-asan, Carlito P. Laurean, Marissa R. Parao, Ben D. Ladilad; 3<sup>rd</sup> Place – Best Paper – Social Category, “Participatory and Community Based Climate Change Adaptation Strategies in Benguet Province Local Definition, Awareness and Identification of Climate Change Hazards and Vulnerability of Selected AFEZ in Benguet”; Benguet State University – Agency In-House Review; Aug. 29, 2014
9. Percyveranda A. Lubrica, Manolita N. Alvaro, Ruth S. Batani, Jingle P. Cuevas, Alma Vida G. Gallardo, Dominador S. Garin, Imelda G. Parcasio; 1<sup>st</sup> Place – Best Paper – Education Category, “School-Based Management by Benguet Public Secondary School Heads: An Impact Analysis”; Benguet State University – Agency In-House Review; Aug. 29, 2014
10. Janet Lynn S. Montemayor, Evelyn S. Angiwan, Arnulfo C. Capili, Percyveranda A. Lubrica; 2<sup>nd</sup> Place – Best Paper – Education Category, “Contextualizing Teaching Practices in a Diversified Classroom: An Assessment”; Benguet State University – Agency In-House Review; Aug. 29, 2014
11. Serano L. Oryan; 3<sup>rd</sup> Place – Best Paper – Education Category, “Mathematical Knowledge Construction Patterns of Selected Students of Benguet State University in Problem Solving Context”; Benguet State University – Agency In-House Review; Aug. 29, 2014
12. Luciana M. Villanueva, Asuncion L. Nagpala, Marissa R. Parao, Paquito P. Untalan, Bonie S. Ligat; 1<sup>st</sup> Best Paper – Extension Category, “Prevention and Control of Pest and Disease Infestation/ Infection within Camp John Hay” (with 3 studies); Benguet State University – Agency In-House Review; Aug. 29, 2014
13. Valentino L. Macanes, Lita M. Colting; 2<sup>nd</sup> Best Paper – Extension Category “Biodiversity Program”; Benguet State University – Agency In-House Review; Aug. 29, 2014
14. John F. Malamug; 2<sup>nd</sup> Best Paper – Extension Category, “CEAT RDE: Promoting Agriculture Modernization in the Highlands”; Benguet State University – Agency In-House Review; Aug. 29, 2014
15. Cynthia G. Kiswa, Paz A. Dalang, Teresita D. Masangcay, Jake L. Galian, Ines C. Gonzales; 3<sup>rd</sup> Best Paper – Extension Category, “Potato Seed Production cum Research, Training and Extension Project”; Benguet State University – Agency In-House Review; Aug. 29, 2014
16. Silvestre L. Kudan, Sonwright B. Maddul, Rogelio D. Colting; Plaque of Recognition in the field of Crop Science in Northern Luzon; Municipal Government of La Trinidad; Jun. 16, 2014
16. BSU ATBI/IC; Certificate of Recognition; Rotary Club of Baguio; Oct. 11, 2014
17. ATBI/IC Farmer-Entrepreneurs, (Freddie Ayawan, Baltazar Tudayan, Belmor Calayon, Michael Day-as, Jessie Cuaban); Outstanding Farmer Award; Baguio Country Club, Baguio City; Oct. 11, 2014

## **REPORT CONSOLIDATION AND INTEGRATION TEAM**

### **Planning and Development Office**

MARIA LUZ D. FANG-ASAN  
*Director, Planning and Development Office*  
MELVIN JOHN M. AROMIN  
*Planning Officer*  
LORENA B. AGAYAM  
*IT Specialist*  
DIONE SELLY B. CHAOKAS  
*Administrative Aide*

### **Sector Representatives**

BRENDA B. ALLAY, *Academics*  
ALMA D. SANTIAGO, *Research and Extension*  
SUSAN P. BUASEN-OCASEN, *Administration and Finance*  
CHRISTOPHER P. DEPONIO, *Business Affairs*  
FILMORE Y. AWAS, *Office of the President*  
JENNYLINE S. TABANGCURA, *Office of the President*



# BOARD OF REGENTS



**Hon. Alex B. Brillantes, Jr.**  
CHED Commissioner

**Chair**



**Hon. Ben D. Ladilad**  
University President

**Vice-Chair**

## MEMBERS



**Hon. Pia S. Cayetano**  
Chair  
Senate Committee on  
Education



**Hon. Roman T. Romulo**  
Chair  
House Committee on  
Higher Technical Education



**Hon. Milagros A. Rimando**  
Regional Director  
NEDA-CAR



**Hon. Marilyn V. Sta. Catalina**  
Regional Executive Director  
DA-CAR



**Hon. Julius Caesar V. Sicat**  
Regional Director  
DOST-CAR



**Hon. Marvin S. Chagyo**  
President  
BSU Alumni Association Inc.



**Hon. Dominador S. Garin**  
President  
Faculty Club Federation



**Hon. Ruth T. Eteng**  
President  
BSU SSG Federation



**Hon. Ryan C. Guinaran**  
Representative  
Private Sector



**Hon. Malcom P. Bacuso**  
Representative  
Private Sector



**Dr. Grace T. Bengwayan**  
University & Board Secretary

## *Vision*

*“A premier State University in Asia”*

## *Mission*

*“Development of people imbued with academic excellence, social conscience, and productivity; and active in generating, and promoting environment-friendly, useful technologies to improve the quality of life”*

*Benguet State University*

*La Trinidad 2601 Benguet*

*[www.bsu.edu.ph](http://www.bsu.edu.ph)*