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Office of the President

March 15, 2010

HER EXCELLENCY GLORIA MACAPAGAL-ARROYO

President,
Republic of the Philippines
Malacañang, Manila

Thru: Hon. EMMANUEL Y. ANGELES
Chair, Commission on Higher Education
HEDC Bldg., C.P. Garcia Ave.
UP Diliman, Quezon City

Madam:

I have the honor to submit to your office the Annual Report of the Central Mindanao University for Calendar Year 2009.

The University will continue to pursue its vision and mission in providing excellent instruction, research and extension in support of your administration's programs especially on poverty alleviation.

Thank you very much.

Very truly yours,

VICTOR M. BARROSO
Officer-in-Charge

Brief History

1910	Mailag Industrial School
1918	Bukidnon Agricultural School Managok, Malaybalay, Bukidnon
1923	Bukidnon Rural High School
1928	Bukidnon Agricultural High School
1938	Bukidnon National Agricultural High School
1946	Transferred to Musuan, Bukidnon
1952	Mindanao Agricultural College
1965	Central Mindanao University

Vision

An academic paradise of higher learning actively committed to the total development of people for a Globally sustainable environment and a humane society.

Mission

To advance the frontiers of knowledge for economic prosperity, moral integrity, social and cultural sensitivity, and environmental consciousness through equitable access to quality instruction, research, extension and production.

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Central Mindanao University Highlights of Accomplishment 2009



EXECUTIVE SUMMARY

Fiscal year 2009 marked a year of remarkably fruitful performance which hitched another gold in the university's studded records.

The transitional leadership of Dr. Rodrigo L. Malunhao as University Officer-In-Charge on its second lap proved a boost despite the economic crises that challenged his administration. His firm commitment and vast experiences as administrator has sustained the university's operation which also maintained excellence in all fields of academic endeavors at the same time holding on as one of the top performing schools in the country today.

Indeed, the University has embarked another milestone as it continues to strive for excellence in instruction, research, extension and production.

The following highlight the noteworthy accomplishments of the University for 2009.

A. INSTRUCTION

The strength of a university in instruction is anchored on the faculty. CMU has a strong faculty development program that supports the academic uplift of its mentors. This year, a total of 28 faculty

scholars were sent to different national and international schools. Ph. D. scholars soared to 18; 1 for DOE; 6 for MS and 1 each for MA and MOE. Of the 28 scholars, 10 were in different universities in Asia, Europe and Australia; 3 were in CMU while the rest were in the different universities in the Philippines.

With its tuition fee still the lowest among SUCs in Mindanao (Php 90.00 per unit), the university has a total enrolment of 17,446 students for the first and second semesters of SY 2009-2010 including summer 2009.

Performance in the Licensure Examination in 2009 has placed CMU among the top performing schools in the country in various disciplines. CMU ranked number 1 in Nutrition and Dietetics with 100% passing; 89% in Forestry with a 1st placer (For. Joseph C. Paquit) and a 5th placer (For. Aveen Q. Agbayani); number 2 in Agriculture (next to UP) with 60% passing; a 1st placer (Dr. Angelo C. Lagahid) and a 4th placer (Dr. Audry Rose R. Gabonada) in the board examination for Veterinarians given in August 2009; 100% passing in Mechanical Engineering; 100% passing in Accountancy, 75% in July and 100% passing in December 2009 for Nursing, and 81% passing in the November Licensure Examination for

Civil Engineers with Engineering still maintaining its top post in licensure examination.

This outstanding performance of graduates in various fields is an outcome of quality instruction from quality teachers, scholarships afforded to the students, good physical facilities and infrastructures, strong curricular offerings and conducive clean and green environment.

The Office of Student Affairs (OSA) released 2,038 approved applications for scholarship for SY 2009-2010 of which 707 were academic scholars, 882 non-academic scholars and 449 grant-in-aids scholarship (Barangay scholars, City scholars, BSDC scholars, DOST scholars, and other private corporations/ agencies offering scholarship to CMU students, etc.). For the second semester SY 2009-2010 it had processed a total of 1,670 students which are recipients of various scholarship grants.

A total of 116 scholarships were processed by the Office of the Director of Instruction (DOI) consisting of 45 CHED SAFE for Agriculture, 8 CHED SAFE for Education and Engineering, 4 CHED Full Merit, 10 CHED Half Merit, 10 CHED OTOS, 2 CHED Tulung-Dunong, 20 CIBAC, 4 San Miguel Community

Scholarship, 5 Antonio Florendo Foundation, 2 MENZI, 3 SunLife Financial Philippines, 1 East-West Seed Company and 1 from Del Monte Foundation. There were also 30 student assistants assigned in the various colleges and units of the University working a maximum of 40 hours per month at the rate of Php 10.00 per hour.

Per evaluation by CHED, CMU maintains its status as Center of Excellence (COE) in Agriculture; COE in Forestry; COE in Veterinary Medicine; Center of Development (COD) in Biology; and COD in Mathematics.

Job English Enabling Proficiency under the GEM-USAID project offered by CMU for the first time in the 2nd semester SY 2009-2010 was opened to all interested individuals. A total of 251 students enrolled in this program.

B. RESEARCH

The University Research has a total of twenty three (23) on-going researches for CY 2009. Of these studies, seventeen (17) were funded by CMU while six (6) were funded by external sources.

A total of twenty (20) research projects/studies were completed. Eighteen (18) of these completed researches were CMU funded while two (2) were funded by external sources.

The University Research Office had organized four (4) University Research Seminar Series and 4 conferences/symposia for the year 2009.

The CMU Annual In-House Review and Evaluation of On-going and Completed Researches was held on June 25-26, 2009 at Farmers Training Center, CMU. Winning Papers and Presentors were given awards during the review.



A total of 21 R & D papers, 13 completed research studies, 1 dissertations/thesis studies and 3 technical posters were presented and evaluated during the 21st NOMCARRD Research & Development Symposium Highlights (RRDSH) which was conducted on August 6-9, 2009 at Pearlmont Inn, CDO with the theme "Coping with Global Crises through Research and Development", CMU received major awards during the program: For AFNR - 1st & 2nd Place in Research Category; 1st & 3rd Place in Technical Poster Category; 1st Place in Development Category and for NON-AFNR – 1st Place in Research Category.

NOMCARRD is another unit of the University coordinating regional research and development/extension priorities.

CMU researchers attended local, regional, national and international symposia and conferences.

C. EXTENSION

The University Extension has continued promoting its 13 major programs as tangible evidence of its continued support to the University's goals to provide technical expertise to the clientele. Particularly, it had conducted 102 trainings along different commodities/ technologies to 3,404 participants and assisted 3,592 farmers, homemakers and OSY in 405 barangays, demonstrated 20 technologies, conducted 4 information-drives, attended 43 farmers meetings, visited 2,154 farms of their clientele and served 1,501 visitors and office callers within and outside the Bukidnon province. It also developed 20 IEC materials which serve as reference for future use of technology.

Community-based Sustainable Development Program (COMBASUDEP), has 8 approved extension projects for 2009 from the eight colleges of the University: 3 were implemented at Dologon, Maramag, Bukidnon based on their training needs, while the

other 5 extension projects were implemented in other barangays and municipalities of Bukidnon.

The CMU- CHED UNLAD in Dologon Technology Park through its Swine Project - has produced 47 live piglets: 30 males and 17 females. Out of 30 weaned male piglets 28 were sold at Php 1,500.00 per head to pay for the feeds of the sows, and the remaining 3 piglets were given to a boar's share, while the seventeen (17) weaned female piglets were disposed to 14 farmers-cooperators in Barangay Dologon and 3 in Barangay Tubigon.



CMU- DAR MINSAD PROJECT - as of December 2009, has sold forty-one (41) heads of goats, 400 sacks of goat manure and 171 sacks of vermicast to different buyers giving a total income of Php 334,300.00 to the project thrust fund. The project has also served 481 visitors from the Visayas and different parts of Mindanao including local government officials, farmers, students and enthusiasts.



Project CLAIMS - the newest project of the University Extension approved by the University OIC, intended for members of the Bufallo, Tamaraw, Limus (BTL), a people's organization composed of

former land claimants of CMU under the government CARP. The University Extension employed expertise related to the farming activities of the BTL. During the 3rd quarter of 2009, the project has conducted four trainings on bag/rug making, vermiculture & vermicomposting and vegetable production to 77 BTL members.



PRODUCTION

The total gross income of the Business Management and Resources Development Office (BMRDO) as of December 2009 was Php 50,084,487.16. This gross income consisted of toll and terminal fees, other service income, sales revenue, other business income, miscellaneous income, and gain on sale of assets. The total expenses were Php 34,183,384.49 giving a total net income of 15,901,102.67 from January to December 2009 operations.



The University Food & Lodging Services (UFLS) registered a total net income of Php 2,508,280.04.



The Residence halls under the management of the Office of Student Affairs Personnel generated a total income of 4,063,134 as of December 2009.

For this year, the Instructional Materials Development Center has produced a total of 30,325 copies of learning materials, which earned about three million fifty four thousand, eight hundred fifteen pesos (Php3,054,815.00) which tantamounts to a sixty-five percent (65%) increase compared to last year's production of 18,341 copies giving only a total income of (Php 1,964,123.00).

D. ADMINISTRATION

As of December 2009, the total manpower of the University was 1,305 personnel consisting of teaching and non-teaching employees, casual, part timers and contractual/job orders.

CMU, through its Financial Management Office, generated an income from tuition fees and other school fees. It had marked a total income of Php 69,589,565.92 under trust fund 164.

The University has Support Services such as University Hospital, University Food and Lodging Services, Residence Halls for graduate and non-graduate students, General Services which is responsible for the repair of the University transport and housing facilities, Security Services which maintains the stability of peace and order of the University campus, and others.



OTHER ACCOMPLISHMENTS

1. Extension of Tissue Culture Laboratory
2. Completion of Vermiculture Project
3. Completion of the College of Nursing Building
4. Completion Elevated Water Tank @ Mahogany Residence Hall
5. Completion of Community Health Nursing Center
6. Completion of Viewing Deck in Musuan Peak
7. Completion of six (6) classroom building
8. Conversion of Sawmill into a six (6) Classroom Building
9. Completion of the College of Nursing Building (Extra Work Order)
10. Completion of Picnic Shed (Tourism) 4 units
11. Construction of Volleyball Court
12. Proposed FTC Fencing
13. Proposed MMZB Fencing
14. Proposed Hitachi Laboratory Building



15. NEDA KR2 Productivity Enhancement Project, Small Scale, Processing of Dairy Milk by Products

ACCOMPLISHMENTS



- ☒ Excellent
- ☐ Very good
- ☐ Good
- ☐ Average
- ☐ Poor

INSTRUCTION

As an academic paradise of higher learning, the provider of highest quality education in Mindanao, CMU has continued its commitment to produce globally competitive graduates that will contribute to the socio-economic development of the country in general.

As an institution of higher learning, the University offers 29 undergraduate degree programs through nine professional colleges and 33 highly specialized graduate degree programs through the Graduate School. It also offers short-term Special Courses and secondary education, including TESDA competency courses. In November 2009, CMU has also launched its Job English Enabling Proficiency (JEEP) Program.

I. FACULTY PROFILE

CMU academic programs were implemented by highly qualified, competent and dedicated faculty members (Table 1.)

As of December 2009, there were 285 regular faculty members, 1 job order, and 60 part-timers. Of the 346 faculty members, 73 are holders of doctoral degrees, 149 of master's degrees and 123 had baccalaureate degrees. In terms of academic ranks, 34 are full professors, 96 are associate professors, 69 assistant professors and 147 instructors (Figure 1).

Table 1. Faculty Profile of Central Mindanao University as of December 2009.

COLLEGE	Total No. of Faculty	Highest Educational Attainment			Academic Rank			
		BS	MS/ MA	PhD	Inst	Asst Prof	Assoc Prof	Prof
Agriculture	69	11	26	32	11	14	29	15
Arts and Sciences	115	43	56	16	56	29	22	8
Commerce and Accountancy	15	6	7	2	11	2	2	-
Education	14	3	3	8	4	2	5	3
Engineering	47	25	19	3	26	5	15	1
Forestry	17	6	5	6	8	2	7	-
Home Economics	13	4	8	1	7	2	3	1
Nursing	16	12	4	-	12	-	4	-
Veterinary Medicine	15	4	7	4	1	4	4	6
ULHS	25	11	13	1	11	9	5	-
TOTAL	346	123	149	73	147	69	96	34

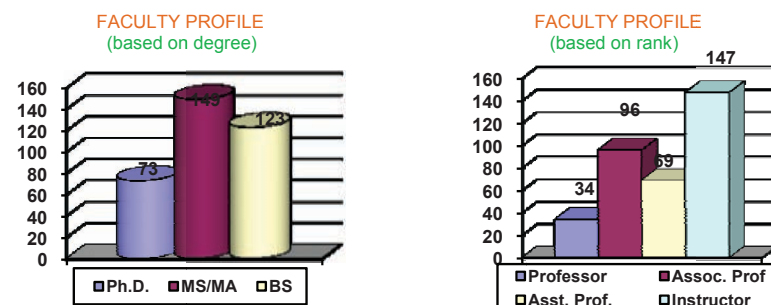


Fig. 1 Faculty Profile of Central Mindanao University based on educational attainment and rank.

II. FACULTY DEVELOPMENT

There were twenty-eight (28) faculty scholars for the Second Semester SY 2008-2009 while there were 27 faculty scholars for the First Semester SY 2009-2010. Of these 27 scholars this semester, five (5) were new, eleven (11) were on-going, and eight (8) were on extension. These scholars were enrolled in twenty (20) schools in the Philippines and abroad and were financed by nineteen (19) different kinds of scholarship grants (Table 2 & 3).

As of First Semester SY 2009-2010, six (6) faculty scholars have reinstated to service after finishing their respective degrees while one (1) reinstated on continuing status (Table 5).

To keep abreast of the recent innovations and technologies, several faculty members were also allowed to attend seminar-workshops and other pertinent activities related to their respective fields of specialization.

Table 2. Distribution of Faculty Scholars by School/Institution Attended

School/institution Attended	2nd Sem SY '08-'09	1st Sem SY '09-'10	2nd Sem SY '09-'10
UP at Los Banos	8	7	8
UP Diliman	1	1	1
De la Salle University	1	1	-
Central Mindanao University	2	3	4
Liceo de Cagayan	1	-	-
King Mongkutt's University	1	1	1
University of Santo Tomas	1	-	-
Hokaido University	1	1	1
Rakuno Gakuen University	2	1	1
University of New York (Suny)	1	-	-
Xavier University	1	-	-
Murdoch University	1	1	1
MSU-IIT	2	4	5
AIT - Bangkok, Thailand	2	1	1
Univ. Politecnica de Cataluna, Spain	1	-	-
Siliman University	1	1	1
Ateneo de Davao	1	1	1
Delft Univ. of Technology, Neth- erlands	-	1	1
Trieste, Italy	-	1	-
University of San Carlos (Review)	-	2	2
TOTAL	28	27	28

Table 3. Distribution of Faculty Scholars by Kind of Scholarship by Semester by School Year

Kind of Scholarships	2nd Sem SY '08-'09	1st Sem SY '09-'10	2nd Sem SY '09-'10
CMU Full Scholars	1	4	2
CMU Partial/Official Time	2	3	6
CHED COE	2	1	1
Monbukagasho (Mombosho)	2	1	1
DOST	2	4	5
CMU-DA-BAR-NaRD-SAF-IPLB	1	1	1
SANREM	1	1	-
SEARCA	1	-	-
Human Science Foundation of Japan	1	-	-
IFP Foundation	1	-	-
CHED HEDP-HDP	4	3	3
Endeavor International Research	1	1	1
JGSEE	1	1	1
PCARRD	1	1	1
AIT	2	1	1
Erasmus Mundus	1	1	1
Monbuscho Scholarship	-	1	1
SEAMEO-SEARCA	1	1	1
CHED	3	2	2
TOTAL	28	27	28

Table 4. Distribution of Faculty Scholars by Degrees Pursued

DEGREE	2nd Sem SY '08-'09	1st Sem SY '09-'10	2nd Sem SY '09-'10
Post Doctoral Research	1	-	-
PhD	18	15	14
Doctor of Engineering	1	1	1
MS/MA	6	7	10
Master of Engineering	2	1	1
Review and Take BAR Exam	-	2	2
Visiting Research Fellowship	-	1	-
TOTAL	28	27	28

Table 5. List of Returning Scholars as of the 1st Semester, SY 2009-2010

Name of Scholar	Degree Earned	School Attended
Jupiter V. Casas	PhD in Forestry	UPLB
Leo G. Labrador	PhD in Clinical Psychology	UST
George R. Puno	PhD in Forestry	UPLB
Angela Grace T. Bruno	PhD in Environmental Science	Univ. of N. Y.
Eva N. Mendoza	PhD in Sociology	Xavier Univ.
Theonette R. Maribojoc	MOE in Transportation Eng'g	AIT, Bangkok
Constancio R. Verula	PhD - (continuing)	UPLB

Table 6. List of Returning Scholars awarded with Certificates of Recognition

Name of Scholar	Degree Earned	School Attended
Perfecto B. Bojo	PhD Meteorology	UP Diliman
Carolina D. Amper	PhD in Plant Pathology	UPLB
Angela Grace T. Bruno	PhD Environmental Science	Univ. of New York
Jupiter V. Casas	PhD in Forestry	UPLB
Maria Emily S. Damag	PhD Agricultural Education	CMU
Leo G. Labrador	PhD in Clinical Psychology	UST
Eva N. Mendoza	PhD in Sociology	Xavier University
Isidora M. Olazo	PhD in Plant Pathology	CMU
George R. Puno	PhD in Forestry	UPLB
Agapito M. Bayron	MA English	CMU
Freddielyn P. Bolasa	Master ng mga Sining sa Filipino	MSU-IIT
Shara Rose Virgini Olaya	MA English	CMU
Gladys S. Escarlos	PhD in Education Management	Capitol University
Lorelei G. Samaniego	PhD in Biology	CMU
Amita B. Sususco	MA English	CMU
Jennylyza Tan	MS in Mathematics Education	CMU

III. ENROLMENT

With an utmost desire to accommodate more underprivileged but deserving students, enrollment for the First Semester SY 2009-2010 has tremendously increased from 6,713 to 8,139 distributed in the different colleges of the University, the Graduate School, and University Laboratory High School. Table 7 shows the enrolment of the University for SY 2009-2010. In Second Semester SY 2009-2010, enrolment slightly dropped to 7,627. Table 7 shows the enrollment of the university for Summer 2009, 1st Sem SY 2009-2010, and 2nd Sem SY 2009-2010..

Table 7. Summary of enrolment for Summer 2009, First Semester SY 2009-2010 and 2nd Semester 2009-2010.

COLLEGES/GRADUATE SCHOOL	TERM		
	Summer, 2009	1 st Semester, SY 2009-2010	2 nd Semester SY 2009-2010
Agriculture	474	2,076	1892
CA-Special Course	-	59	18
Arts and Sciences	87	912	867
Job Enabling English Proficiency (JEEP)	-	-	251
Commerce and Accountancy	145	1,084	795
Education	123	491	475
Certificate in Teaching High School	-	8	13
	-	500	500
Engineering	309	1156	1169
Forestry	89	427	364
Home Economics	113	696	632
TESDA-HE Short Course	-	40	21
Nursing	133	182	145
Veterinary Medicine	102	246	241
GS-Ph.D.	22	72	69
GS-M.S.	83	190	177
TOTAL	1,680	8,139	7,627

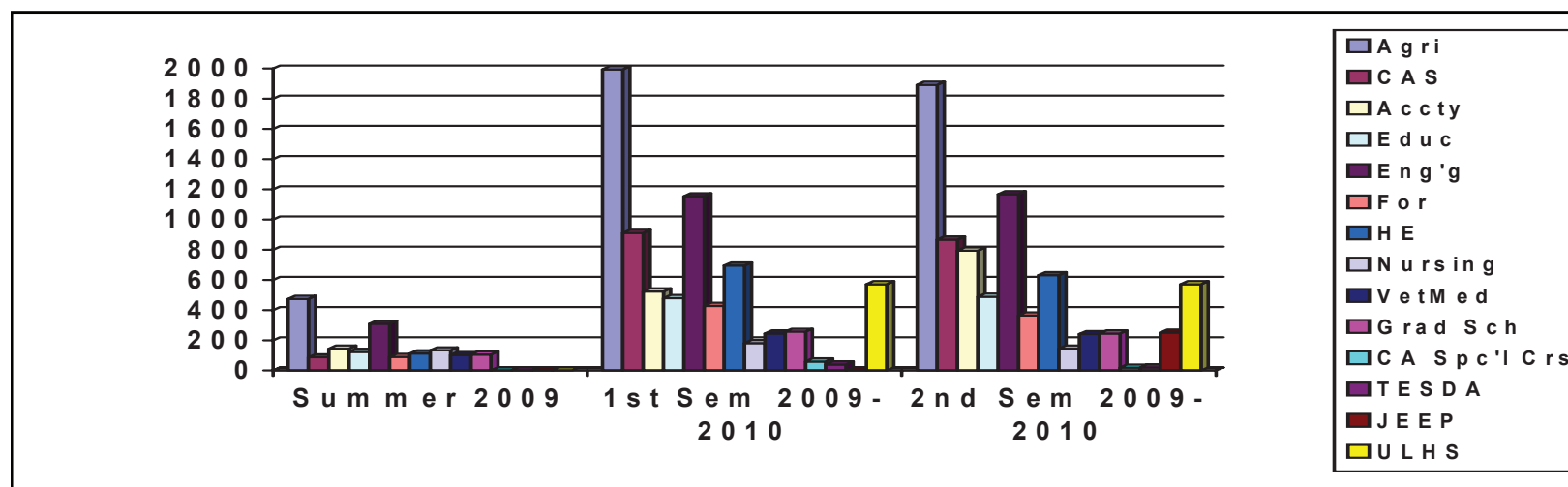


Fig. 2 CMU Enrolment for the period indicated.

Table 8. Summary of Graduates for 2nd Semester, SY 2008-2009, Summer 2009 and First Semester SY 2009-2010.

COLLEGES/GRADUATE SCHOOL	TERM		
	2 nd Semester, SY 2008-2009	Summer, 2009	First Semester, SY 2009-2010
Agriculture	214	34	36
CA-Special Course	98	-	59
Arts and Sciences	92	6	6
Commerce and Accountancy	52	7	15
Education	128	2	-
Engineering	78	18	10
Forestry	15	3	7
Home Economics	81	3	15
TESDA-HE Short Course	-	-	40
Nursing	23	-	-
Veterinary Medicine	11	4	5
GS-Ph.D.	13	1	1
GS-M.S.	11	4	2
TOTAL	816	82	196

IV. GRADUATE

A total of 1,094 were conferred in 2009: 816 graduates in April 2009, 82 graduates in June 2009 and 196 in November 2009 (Table 8)

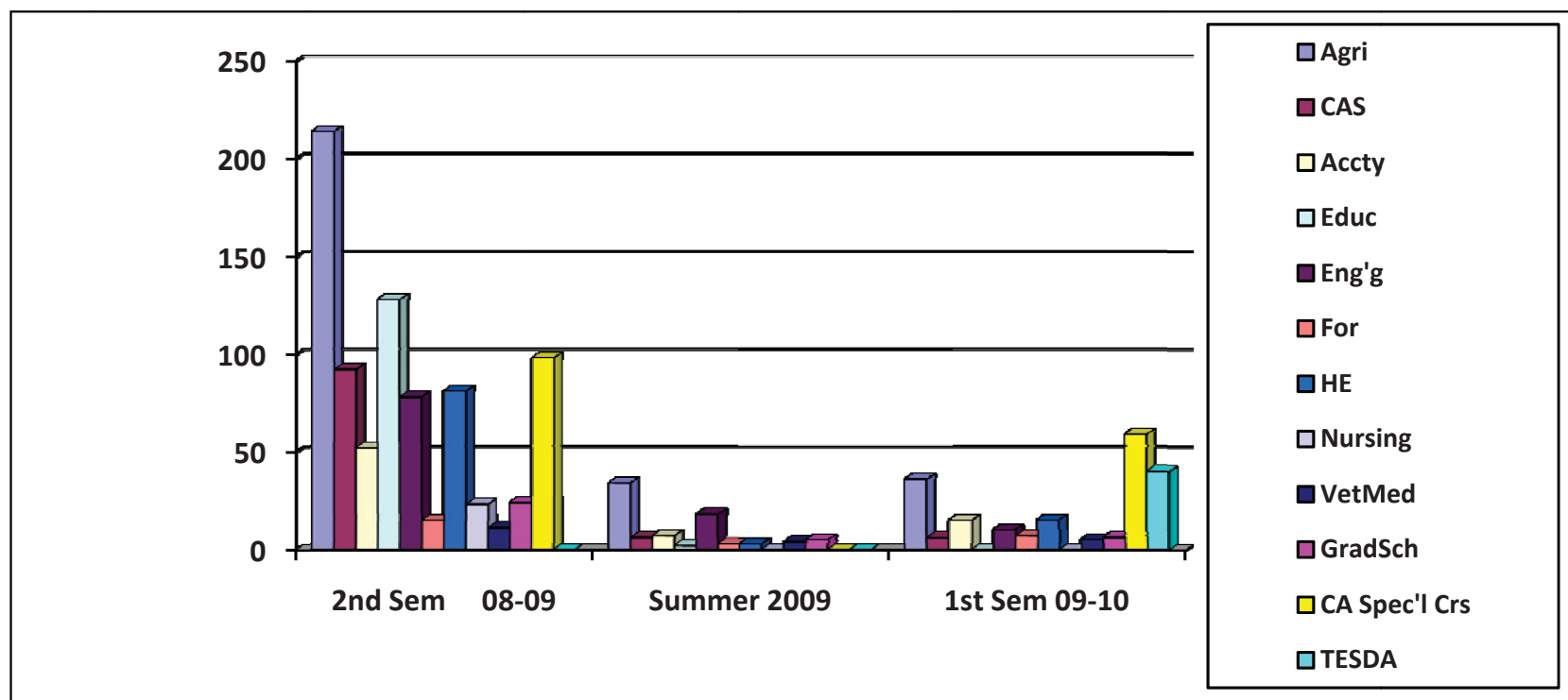


Fig. 3 Graduates of CMU for 2nd Sem SY 2009-2009, Summer 2009, and 1st Sem SY 2009-2010.

V. PERFORMANCE OF GRADUATES IN LICENSURE EXAMINATION

Performance in 2009 Licensure Examination has placed CMU among the top performing schools in the country in various disciplines. CMU ranked number 1 in Nutrition and Dietetics with 100% passing; 89% in Forestry with a 1st placer (For. Joseph C. Paquit) and a 5th placer (For. Aveen Q. Agbayani); number 2 in Agriculture (next to UP) with 60% passing; a 1st placer (Dr. Angelo C. Lagahid) and a 4th placer (Dr. Audry Rose R. Gabonada) in the board examination for Veterinarians given in August 2009; 100% passing in Mechanical Engineering; 100% passing in Accountancy, 75% in July and 100% passing in December 2009 for Nursing, and 81% passing in the November Licensure Examination for Civil Engineers with Engineering still maintaining its top post in licensure examination (Table 9).

Table 9. Performance of Graduates' in 2009 Licensure Examinations

Title of Examination	Date of Exam	No. of Takers	No. of Passers	CMU %age	Nat'l %age	Remarks
Licensure Examination for Accountants	October 2009	9	9	100.0	41.00	
Licensure Examination for Agricultural Engineers	August 2009	9	6	66.67	29.83	
Licensure Examination for Agriculturists	July 2009	181	109	60.00	41.00	CMU Ranked 2 nd
Licensure Examination for Chemists	September 2009	10	3	30.00	53.68	
Licensure Examination for Civil Engineers	May & Nov. 2009	19 / 26	13/ 21	68.42/ 81.00	43.67/ 46.00	CMU topped in Mindanao in November Exams
Licensure Examination for Electrical Engineers	May & Sept. 2009	4 / 14	2 / 11	50.00/ 78.57	32.20/ 42.15	
Licensure Examination for Foresters	July 2009	9	8	89.00	36.60	1 st – Joseph C. Paquit 5 th – Aveen Q. Agbayani
Licensure Examination for Mechanical Engineers	October 2009	13	13	100.0	60.47	CMU Ranked 1 st in the National Level
Licensure Examination for Nurses	July & November 2009	4 / 19	3 / 19	75.00/ 100	41.87/ 39.73	
Licensure Examination for Nutritionists & Dieticians	July 2009	12	12	100.0	67.45	CMU Ranked 1 st
Licensure Examination for Veterinarians	August 2009	34	19	55.80	27.50	1 st – Angelo C. Lagahid 4 th – Audry Rose R. Gabonada

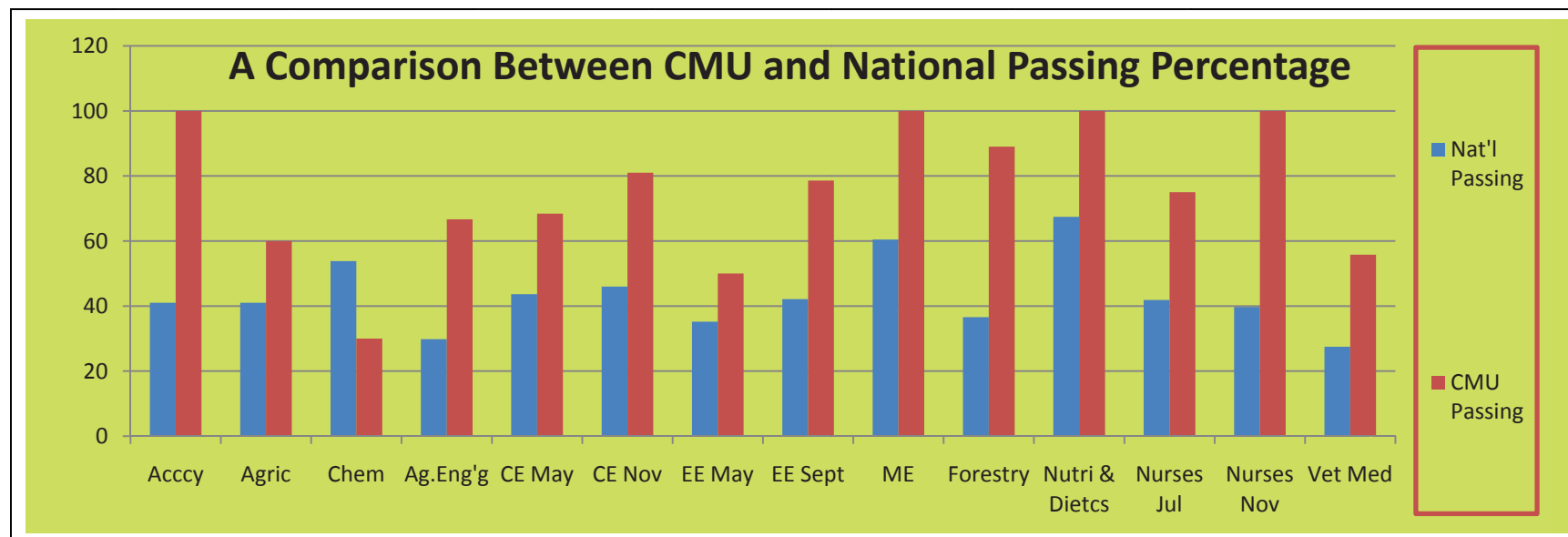


Fig. 4 CMU passing percentage was always higher compared to the National passing percentage.

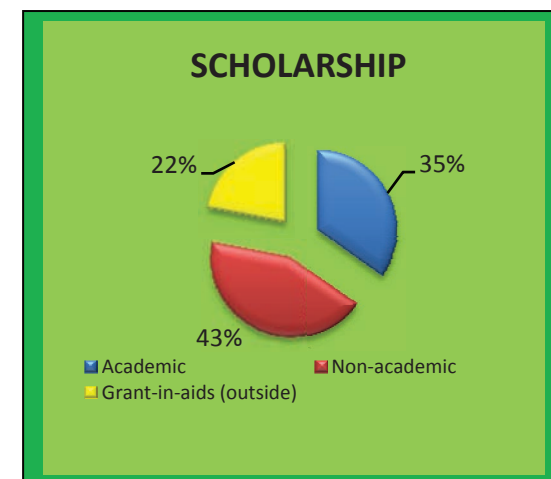
VI. STUDENT SCHOLARSHIP AND RECOGNITION

Deserving students in the University have access to scholarships (academic, socio-cultural, socialized and leadership) and other grants-in-aid from government and private entities.

As of First Semester SY 2009 - 2010, a total of 2,038 students are recipients of various scholarship

Grants: 707 were academic scholars, 882 non-academic scholars and 449 grant-in-aids recipients. In the 2nd semester a total of 1,670 are recipients.

Academic scholarship includes: University scholar (GWA-1.0-1.45), College scholars (GWA -1.5-1.75), Full and Partial Entrance scholar, Valedictorian, Salutatorian and CMU-Self scholar (GWA of 1.76 -2.0).



CMU sponsored non-academic scholarship includes: Socialized tuition fee scheme, Socio-cultural scholarship, Leadership grants, ROTC Advance and BSDC scholars.



Gov. Jose Ma. Zubiri with Dr. Malunhao who offered 14 full scholarships to selected CMU students and another 200 students provided with P1,000 monthly stipend

Grant-in-Aids Scholarship includes Provincial/ City Scholars, Barangay scholars, Elected SK Chairman and SK Kagawad, DOST, CHED, otherwise, private agencies like: DMFI, SMC, MENZI, Sun Life Financial

Phils. Foundations, East West Seed Company Inc. and Don Antonio Floriendo Foundations, Inc. were also offering scholarship grants to deserving students of CMU (Table 11, 12 & 13).

Table 10. Number of Student Awardees for SY 2008-2009 by College and by Academic Excellence Awards

College	Summa Cum Laude	Magna Cum Laude	Cum Laude
College of Arts & Sciences	-	-	1
College of Agriculture	-	1	9
College of Education	-	1	11
College of Vet. Medicine	-	-	1
College of Engineering	-	-	7
College of Commerce & Accty	-	-	10
TOTAL	-	2	39

Table 11. Number of Scholarship Grantees under the Provincial and Local Governments

Scholarship Sponsor	Number of Grantees
City Scholarship	10
Provincial Scholarship Program	82
Provincial Government of Bukidnon	24
Provincial Treasurer's Office	4
TOTAL	130

Table 12. Number of CHED Scholarship Grantees under the National Scholarship and Regional Scholarship Programs

Student Scholarships	SY 2009-2010	
	1 st Sem	2 nd Sem
CHED SAFE	53	52
CHED Full Merit	4	4
CHED Half Merit	10	11
CHED One-Town-One-Scholar (OTOS)	10	11
CHED Tulong Dunong	4	5
CHED Study Now Pay Later	7	7
TOTAL	88	90

Table 13. Student Grantees of Scholarships from outside Agencies

STUDENT SCHOLARSHIPS	SY 2009-2010	
	1 st Sem	2 nd Sem
Menzi Program for Research & Training	2	1
AOFF	6	4
San Miguel Corporation	4	4
East West Seed Company	1	1
Sun Life Foundation	3	3
Del Monte Foundation	2	-
PILMICO	2	-
CIBAC	20	20
TOTAL	40	33

Program	1st Sem, SY 2009- 2010	2nd Sem, SY 2009-2010
CHED Student Loan Program	24	10
CHED SAFE Loan Program	40	-
CHED STUFAP	-	16
TOTAL	44	26

With the Department of Civil Engineering as the newly recognized Center of Development in Civil Engineering, there are now six (6) academic units in the university qualified for the much coveted awards from the Commission on Higher Education for excellence or development.

- College of Agriculture
- College of Forestry
- College of Veterinary Medicine

- Department of Biology
- Department of Mathematics
- Department of Civil Engineering (candidate)

VIII. ACCREDITATION

AACUP ACCREDITATION

Program	Score
AB-Trial	2.0
AB-Eng	3.0
AB-Polsci	3.0
AB-Psych	3.0
BS-Agric	3.0
BS-E	2.0
BS-M	3.0
BSCE	2.0
BSDev Com	3.0
Ph.D. Agric	1.0
Ph.D. Educ	1.0
BS-Educ	2.0
BSForestry	2.0
HL&E(RTM)	2.0
MS-Agric	1.0
MS-Educ&MAT	1.0
BSME	2.0
BSBio	3.0
BSChem	3.0
BSNuth	3.0
Secondary	2.0
Tour Ed	2.0
vMed	2.0

Effective Second Semester SY 2009-2010, CMU offers the Job English Enabling Proficiency Program under the GEM-USAID project. This program is open to all interested individuals including the undergraduate students. There was a total enrolment of 251 students.

RESEARCH

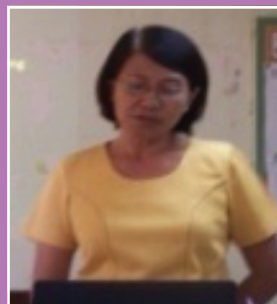
THE UNIVERSITY RESEARCH

Central Mindanao University as an institution of higher learning, has strived for excellence in research as a hallmark of a real University. Research generates knowledge, and knowledge is important pre-requisite for development. The CMU Research Department is engaged in research activities which resulted in generation of knowledge and technologies that will eventually improved the quality of life, total people empowerment, food security and sustainable development of natural resources for a progressive humane society.

The University Research Office had the following accomplishments from January to December 2009.

I. Major Research Activities

- The University Research has evaluated and submitted research proposals of faculty proponents for institutional funding. Presentation was made on January 28, 2009 with 14 proposals approved for implementation effective June 1, 2009. Another 18 new research proposals submitted and were evaluated by the Research Committee on December 7, 2009 at the Research Office, if approved by the University OIC, these proposals will be implemented in January to June 2010.



Dr. Teresita D. Taganahan



Prof. Norma C. Culas



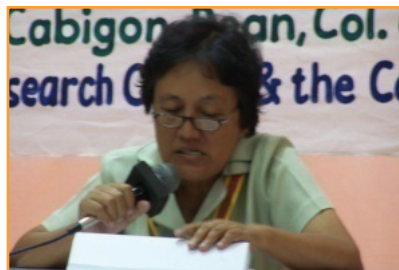
Ms. Rubie A. Arroyo

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- Conduct of the Annual In-House Review and Evaluation of On-going and Completed Researches on June 25-26, 2009 at FTC.



- Holding the First University Research Seminar Series for 2009 with the theme “Research in Arts and Sciences in a Changing World” at FTC on February 18, 2009. Invited speakers were Prof. Lucy B. Ledres who presented her paper entitled “Tracer Study of the Graduates of CMU, SY 2000-2001 to SY 2003-2004 and Dr. Lordino G. Cabigon, the Vice President for Administration who also presented the output of his research entitled “Production of Low Sodium Salted Eggs”.

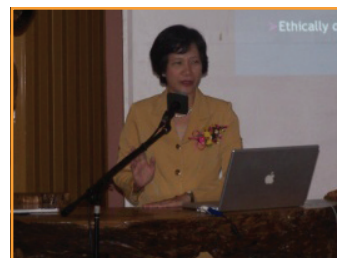


Resource Speaker:
Prof. Lucy B. Ledres
during the Open
Forum

Resource Speaker:
Dr. Lordino G.
Cabigon during
the Open Forum



- The Second University Research Seminar Series for 2009 was held at the Farmers Training Center on August 11, 2009 in coordination with the College of Veterinary Medicine and College of Agriculture. The invited speaker was Dr. Cynthia P. Saloma, Deputy Director and Associate Professor of the National Institute of Molecular Biology and Biotechnology, College of Science, UP, Diliman, Quezon City who spoke on “Biotechnology: A Changing Science that is Changing Us”. The participants consisted of CMU faculty and students and some teachers from neighboring schools/universities.



Resource Speaker: Dr.
Cynthia P. Saloma



The participants with
the Resource Speaker,
Dr. Cynthia P. Saloma

- The Third University Research Seminar was coordinated by the College of Forestry, Mayor Florencio T. Flores, Jr., and Silliman Alumni Association, Inc. (SAAI) – Bukidnon Chapter, the Second University Research Seminar Series for 2009 was held at the Farmers Training Center on November 9, 2009. The invited speaker was Dr. Ben S. Malayang III, University President, Silliman University with the Topic: “Best Environmental Management Practices”.



Invited Speaker: Dr. Ben S. Malayang III

- The Fourth University Research Seminar Series for 2009 by the University Research Office was in coordination with the Biology Teachers Association of the Philippines (BIOTA) Bukidnon Chapter. It was held at the Farmer's Training Center, CMU on November 26-27, 2009 with the Theme: "BIOTA in its 25th Year: Its Role and Challenges in the Changing Environment". The participants were college and high school teachers from various schools in Region X as well as faculty members and graduate students of CMU.

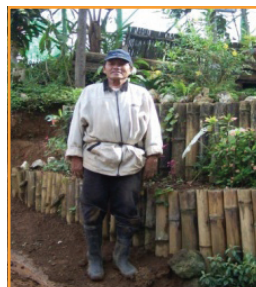


The Resource Speaker during the BIOTA Convention



The participants

- Our University was chosen by NOMCARRD as the lead institution for Livestock Research (small ruminants - goat and swine/yellow corn). Likewise, our University was tapped by CHED to conduct the Agribusiness Research and Development Program for Crop-livestock Industry in Mindanao program and on Integrated R & D Programs on biofuels funded by DOST-PCARRD. It is also a member agency of the Northern Mindanao Consortium for Health Research and Development (NorMinCoHRD) under the Philippine Council for Health Research and Development. CMU is the partner-member agency of DA-NOMIARC FITS which is involved in the PCARRD S & T Based Farm for Magsasakang Siyentista (MS).



Magsasaka Siyentista, Mr. Benjamin Maputi



S & T Based Farm: Chemical Free Cabbage

- The University Research Office has been the co-sponsor of the following conferences/symposia:

- 2nd Regional Symposium and Workshop by the Outstanding Young Scientists, Inc. (OYSI) with the theme "Climate Change and Biodiversity" held at the Farmers Training Center, CMU on October 26-27, 2009.



- Salinlahi Symposium Series on Science Communication organized by the Philippine Science Heritage Center and the National Academy of Science and Technology (NAST) Philippines at the FTC, CMU, Musuan, Bukidnon last October 28, 2009.

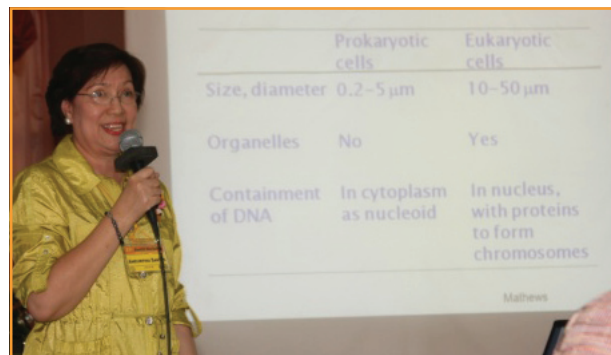


The invited Resource Speakers with the Organizing Committee



The participants

- The 10th RevUp (Review and Updates in Biochemistry and Molecular Biology: Applications in Biotechnology) in coordination with the Philippine Society for Biochemistry and Molecular Biology (PSBMB) held at the Farmers Training Center, CMU on December 2, 2009.



The Resource Speaker, Dr. Ameurfina D. Santos during the 10th RevUp Workshop



The participants (80) during the 10th RevUp Workshop

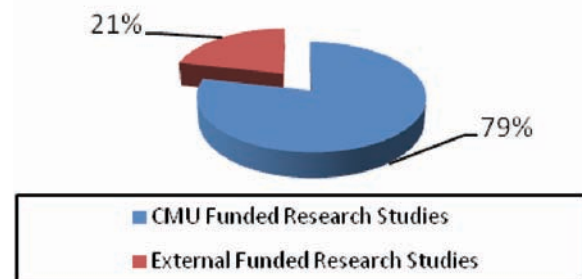
- The 36th Annual National Convention and Bukidnon Agri-Ecotour of the Philippine Society for Biochemistry and Molecular Biology (PSBMB) with the theme “Biodiversity and Biotechnology for Food Sustainability” at the Farmers Training Center, CMU on December 3-5, 2009. The Keynote Speaker was Dr. Reynaldo V. Ebor, Executive Director, Philippine Council for Advanced Science and Technology Research and Development (PCASTRD) of the Department of Science and Technology (DOST). The participants who attended came from Luzon, Visayas, and Mindanao.

The Resource Speaker, Dr. Reynaldo V. Ebor, during the 36th Annual National Convention of PSBMB



II. List of On-going Researches

The University Research has a total of twenty-three (23) on-going researches, of which twenty-two (17) or 79% are CMU-funded and six (6) 21% funded from external sources (Figure 1).



III. List of Completed Researches

For the period January to June 2009, a total of twenty (20) research studies were completed. Thirteen (18) or 87% of which were funded by CMU while two (2) or 13% were funded from external sources (Figure 2).

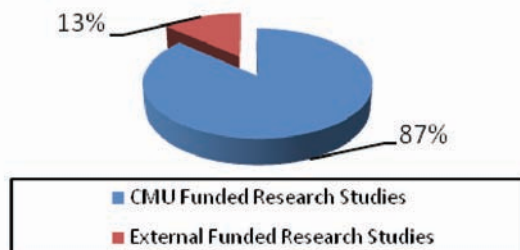


Table I. On-going Research Projects

	Research Title	Source of Funding
1.	Efficacy of Some Medicinal Plants Used For The Treatment Of Swine And Cattle Diseases In Selected Areas In Bukidnon Through Morpho-Histochemical Tests And Bioassay	NRCP
2.	Multi-location Adaptation Trial for Inbred Rice	PhilRice
3.	Supply Chain Improvement for Fresh Vegetables In Selected Areas in the Philippines, Phase I: Evaluation Research	PCARRD Grants-in-Aid (GIA)
4.	Performance Evaluation of Sweet Sorghum Lines for Bio-ethanol and Grains Under Different Ecological Zones	DOST-PCARRD
5.	Integrated R & D Programs on biofuels	DOST-PCARRD
6.	Agribusiness Research and Development Program for Crop-live-stock Industry in Mindanao/Micro Financing Project for Goat and Selected Vegetable Farmers in Mindanao	CHED

• Other On-going Researches, see Appendix

Table II. Completed Research Projects

	Research Title	Source of Funding
1.	Field Reactions of Selected Corn Varieties to Different Asian Corn Borer, <i>Ostrinia furnacalis</i> (Guenee) Population	DA-BAR
2.	Enhancing Maize Productivity in Drought-Prone Environments in East and Southeast Asia	CIMMYT-BAR through UPLBFI
3.	Teacher/Student Profiling: A Projection Model	CMU
4.	Intellectual Development, Learning Styles and Approaches to Learning of Engineering Students: A Causal Model on the Academic Performance in Algebra	CMU
5.	Analysis of Learning Information Technology Computer Skills of College Students of Central Mindanao University	CMU

• Other Completed Researches, see Appendix

III. Awards Received by CMU Researchers

- **Local Awards** - The CMU Annual In-House Review and Evaluation of On-going and Completed Research was held on June 25-26, 2009 at Farmers Training Center, CMU. Winning Papers and Presentors were given awards as one of the highlights of the program.

For Completed Research Category:

- **1st Place:** Diversity and Assessment of Plants in One-Hectare Plot in Mt. Musuan, Maramag, Bukidnon - V.B. Amoroso et al.

For On-going Research Category:

- **1st Place:** Inventory and Assessment of Plants in Mt. Kitanglad - V.B. Amoroso et al.

For Completed On-going Research Development Category:

- **1st Place:** Mt. Malindang Rainforestration Project: From Research to Development V.B. Amoroso et al.

For Theses/Dissertation:

Best Dissertation: "Eye Movement Desensitization and Reprocessing-Integrative Group Intervention Among Children Victims of Armed Conflict in Mindanao"- Dr. Leo G. Labrador

For Poster Category:

- **1st Place:** "Assessment and Distribution of Orchids in Hamiguitan Range Wildlife Sanctuary in Davao Oriental". V.B. Amoroso et al.

• **Regional Awards** - The 21st NOMCARRD Research & Development Symposium Highlights (RRDSH) was conducted on August 6-9, 2009 at Pearlmont Inn, CDO with the theme "Coping with Global Crises through Research and Development", .

Research Category (AFNR)

- **1st Place** - Diversity and Ecological Status of Bryophytes in Mt. Kitanglad, Bukidnon by Andrea G. Azuelo, CMU

Research Category (NON-AFNR)

- **1st Place** - Inventory, Database, and Documentation

of Cultural Artifacts of the Central Mindanao University Anthropological Museum by Dr. Vellorimo J. Suminguit, CMU

Development Category (AFNR)

- **1st Place** - Barangay Integrated Veterinary Assistance Project (BIVAP) by Emmanuel T. Baltazar of CMU.

Development Category (NON-AFNR)

- **1st Place** - Disaster Risk Mapping of Barangay Carmen: Flood and Fire by Dexter S. Lo of XU

Dissertation/ Thesis Category

- **1st Place** - Lichen Flora of Mt. Kalatungan, Bukidnon and Mt. Malindang, Misamis Occidental by Lynnette A. Ejem of BSU

Technical Poster Category

- **1st Place** - Assessment and Distribution of Orchids in Hamiguitan Range Wildlife Sanctuary in Davao Oriental by Victor B. Amoroso, et.al of CMU

*Other Regional Awards, see appendix.

IV. Units Under the University Research Department and their Accomplishment



The Agricultural Experiment Station

- The station had a total of four (4) faculty on-going researches; one (1) completed and two (2) on-going studies of graduate students; and fourteen (14) undergraduate researches for the period October 2008 - June 2009 and twenty (20) for the period September 2009- present.



Anthropological Museum



Natural History Museum



The University Museum

- The University Museum is one of the places frequently visited by visitors. For the period under review, it had served 1,221 visitors.
- Exhibits at the lobby of the museum are changed every 2 months to show dynamics and interesting exhibits.
- Specimens data-basing is one of the activities of the museum. The botany sections has data based 6,500 specimens and catalogued according to their families, genera and species.



The Mt. Musuan Zoological & Botanical Garden

- Maintained the endemic, rare and ornamental plants as well as other wildlife.
- Established and initiated vermin culture as well as nursery.
- A horse riding was offered to visitors of MMZBG and a P10/ per hour is imposed for the maintenance and feeds /vitamins of the horse.
- Construction of the Tourist Information Center and Conference Hall is almost done, funded by Philippine Tourism Authority.
- Documented 78 plant species in a 1-ha plot through research, 65 of which is genera and had 36 families; and recorded a total of 419 individual kinds of trees;

- Received a total of 29,567 visitors/ climbers and generated a total income of Php 95,952.00 as of November 2009.

V. Linkages

The University Research has established linkages with NorMinCoHRD(Northern Mindanao Consortium for Health research and Development), CHED, DA-BAR, UPLB, National Seed Industry, PhilRice, LBP, DAR, NRCP, CEPF-CI, DOST- PCARRD, DENR, Philippine Eagle Foundation, SEARCA, DOST, Ateneo de Manila University, Kasetsart University of Bangkok, Thailand, ILTER, DIVERSITAS and University of Maine, USA.

The Philippine Eagle Foundation has deposited some of their faunal collection in our University Museum since it has been authorized by the DENR as repository of biological specimens in Mindanao.

VI. Other Research Unit in the University

NOMCARRD

Northern Mindanao Consortium for Agriculture and Resources Research and Development (NOMCARRD) is an organization of 18 agencies coordinating regional research and development/ extension priorities.

NOMCARRD also plans, monitors and evaluates integrated researches in agriculture, fisheries, forestry and natural resources. It serves as the regional arm of National Agriculture and Resources Resources and Development Network (NARRDN) under the Philippine Council for Agriculture, Forestry and Natural Resources Research and Development (PCARRD).

This office envisioned to become a prime mover in agricultural productivity and modernizations through well - coordinated research and development programs in agriculture, fisheries, forestry, environmental and natural resources and the exponent of rapid dissemination, transfer, adoption and commercialization of environmentally sound technologies for sustainable development.

A. R & D Management

Conducted Commodity Team Meeting on March 6, 2009 at the Mindanao University of Science & Technology (MUST) Conference Room. The meeting was participated by 18 program proponents coming from the member agencies of NOMCARRD: CMU, MSU-IIT, DENR, MOSCAT, MUST and XU, which was attended by RRDCC Chair, Dir. Angelito C. Alolod, Dr. Anthony M. Penaso and Deputy Consortium Director, Prof. Lucerne M. Razalo. The meeting includes finalization of proposals on top 3 commodities (Bamboo, Swine and Goat) for submission to PCARRD. Bamboo & Swine/yellow Corn Programs were endorsed to PCARRD on March 30, 2009.

The 121st RTWG meeting was held on March 20, 2009 at MUST Conference room, Cagayan de Oro City. The meeting involves evaluation of proposal entitled "Echo Training on Technical Report Writing", other activities includes Reactivation of Regional Experts Pools (REP) based on different priority commodities of NOMCARRD.

The LDCU, BSU & MVC were evaluated on May 6, 12 & 14, 2009 as member agency applicants to NOMCARRD. Application was then approved during the 11th RRDCC Meeting held on June 5, 2009 at DENR-10, CDO.



During the 121st RTWG meeting held on March 20, 2009 at MUST Conference room, CDO.

For this year, the agencies which conducted Agency-In-House Review were the following and their schedules:

Agency	Schedule	Venue
MOSCAT	June 18, 2009	Center for Lifelong Education
MSU-Naawan	June 23, 2009	Audio Visual Room, Fisheries Technology Center
MSU-IIT	June 24, 2009	Board Room, MSU-IIT, Iligan
CMU	June 25-26, 2009	Farmers Training Center
DA/BFAR	June 30, 2009	DA-NOMIARC Conference Room
XU	July 7, 2009	Audio Visual Room
DENR	July 9, 2009	DENR-10 Conference Room
MUST	July 15-16, 2009	Audio Visual Room, MUST
CPSC	July 2-3, 2009	CPSC, Multimedia Center

B. Technology Management & Utilization

Radio "Taho sa NOMCARRD" is a radio program that aired program popularized R & D results in vernacular. It also features the Magsasaka-Siyentistas best farm practices. This program is hosted by Ms. Teresita S. Baluyos, DOST RACO rep. with Ms. Georgina Padilla, DENR-10 RACO rep. serves as alternate host. NOMCARRD was given "special package" by DXIM-Radyo Ng Bayan. A Letter of intent was approved by PB for the continuance of the program.

Other Accomplishments

- Holding the 21st NOMCARRD Regional Symposium on Research and Development Highlights (RRDSH) on August 6-7, 2009 at Pearlmont Inn, Cagayan de Oro City. The symposium aimed to evaluate researches conducted by the different member agencies of the consortium and to establish future R&D directions in agriculture, forestry, natural resources and environment. There were 58 R & D papers, 6 dissertations /thesis studies and 26 technical posters presented and evaluated during the symposium.

- Holding a two-day planning workshop in collaboration with DA-NOMIARC on September 29-30, 2009 at DA-NOMIARC Conference Room, Dalwangan, Malaybalay City. The workshop aimed to revisit the 2005-2010 RIRDEAP, and identify & prioritize RDE agenda for region 10. Participants were directors and heads of member agencies and representatives of private and non-government organizations.

- Conducted NOMCARRDwide Lakbay Aral in Region 11 on June 8-11, 2009. This aims to expose the participants to advance farming practices based on focus commodities of NOMCARRD and learn the FITS Center management and operations. There were 27 participants composed of FITS managers, TSS, ISS, MS, NOMCARRD officials & staff who joined the lakbay aral with SMARRDEC assisted the activity.

- Launching of the FITS to the following Centers:
 - FITS Clarin – July 16, 2009
 - FITS Aloran – August 27, 2009
 - FITS Sinacaban – August 28, 2009

- Engr. Vincent Banal conducted the Web Content Management System (WCMS) using Joomla for selected CMU employees last May 10-13, 2009 in the Computer Center, College of Engineering, Musuan, Bukidnon

- Dr. Ricardo G. Villar, Dean, College of Forestry was sent to PCARRD training on R&D Project Formulation and Packaging. This was conducted on April 13-17, 2009 while Dr. Cecilia B. Amoroso, Director of Research attended the R&D Management which was conducted on April 27-May 1, 2009. The training courses aimed to harness the members capabilities to prepare and package winning R&D proposals, while developing their leadership and management skills in R&D. In the long term, it is hoped that this critical pool of researchers could act as trainers/mentors/ project and propel PSAI to become a viable and sustainable organization of scholar leaders.

- Dr. Raul C. Orongan, CMU and Dr. Genaro V. Japos, LDCU and Dr. Hitaas of BSU attended the training course on Research Design/ Statistical Analysis and Data Interpretation last May 18-22, 2009 at PCARRD Los Baños, Laguna. The course aimed to enhance the participants' understanding of the concepts of research design, statistical analysis and data interpretation and improve the quality of their research programs/projects.

- NOMCARRD joined the exhibit during the 37th PCARRD Anniversary which accumulated a total sales of Php1,485.00 from mature S & T products.

- NOMCARRD also joined the exhibits during the CMU Extension Week held on November 23-26, 2009 at Research & Extension Ground, CMU.

EXTENSION

THE UNIVERSITY EXTENSION

As the reaching arm of the University, the Extension Office is responsible in bringing about desirable changes among people in its service area, thus help achieve relevance of university's curricular programs to address community problems, needs and resources.

I. Extension Programs and Its Accomplishments

In 2009, The University Extension has continued promoting its 12 major programs through its CMU-COMBASUDEP, CMU-BIDANI, CMU-DAR MINSAD and Entrepreneurial Project for Homemakers and OSY and other related programs. Most of these trainings conducted by the different colleges were related and part of their extension activities approved in 2008 which terminated in February 2009.

Among its accomplishments as of January to December 2009 are the following:

- Conducted 13 extension programs
- Assisted 405 barangays
- Conducted 102 trainings
- Trained 920 persons
- Assisted 2,603 farmers
- Developed 20 IEC materials

- Demonstrated 20 technologies
- Conducted 4 Info-drives
- Served 1,501 visitors and office callers
- Attended 43 farmers meetings
- Conducted 2,154 farm & home visits

II. Updates On Extension Programs

CMU COMBASUDEP

The Community-based Sustainable Development Program (COMBASUDEP), the extension program through the colleges, has eight approved extension projects for 2009 from the eight colleges of the University: three are implemented at Dologon, Maramag, Bukidnon based on their training needs, while the other four extension projects are implemented in other barangays and municipalities of Bukidnon. As agreed by the members of the University Extension Committee, these projects are implemented starting June 2009 to end May 2010.

In particular, the College of Veterinary Medicine implements its Brgy. Animal Health Worker Development Project (BAHWDP) at Panadtalan, Maramag, Bukidnon; the College of Arts and Sciences project on Using Content-based & Interdisciplinary

Approaches in Teaching Elem Subjects (CBIDATES) is implemented in the Division of Valencia City; the College of Home Economics project on Entrepreneurial Skills Development Project (CHEES-DEP) includes Maramag and Valencia City and the College of Education project on Mentoring Assistance for Community Empowerment (MACE) and the College of Commerce & Accountancy on Department - based Continuing Management education Mentoring Assistance in Southern Bukidnon.



College of Forestry extension activities on environment



College of Home Economics Extension activities on malnutrition

The CMU- CHED UNLAD

The CMU- CHED UNLAD in Dologon Technology Park through its Swine Project has produced 47 live piglets: 30 males and 17 females and dispersed to 14 farmer-cooperators in Brgy. Dologon and 3 farmer-cooperators in Brgy. Tubigon. Weaned male piglets were sold at Php 1,500.00 per head to pay for the feeds of the sows.



The CMU-CHED UNLAD Swine Project in Brgy. Dologon

• On Goat Project however, it incurred 5 mortalities: 1 buck and 4 does died with only 11 goats survived. LGU Dologon is waiting for the construction of a suitable animal shed to transfer the goats into a specified area conducive for the establishment of pasture for forage grasses to feed the animals.



The CMU-CHED UNLAD Goat Project in Brgy. Dologon

• On Farmers Information Technology Services (FITS) Center at Barangay Dologon was launched last November 2008 with 19 titles of different commodities packaged by the Information Communication Unit of the University Extension. Based on the logbook, there were 25 persons who have been reading the materials.

• On Vegetable Technology Park – it had earned a total gross income of Php 45,398 from sales of various vegetables including sweet potato and corn on cobs marketed to CMU employee and students.

CMU - BIDANI

• During the period under review, the program has conducted thirteen (13) trainings to 670 participants in Brgy. Dologon, Panadtalan, BTL and Valencia City. (Please see appendix for more trainings).

CMU-DAR KFCRD - IADP

• The Department of Agrarian Reform has initiated the re-establishment of the Kalahi Farmers Center for Rural Development (KFCRD) at Central Mindanao University with the conduct of a re-orientation meeting last May 2009. As part of the KFCRD activities, the institutionalized DAR Integrated Agricultural Development Project (IADP) has assisted 98 farmers in four agrarian reform communities (ARCs) in North Poblacion, Maramag; Salawagan, Quezon; Brgy. Aquino, Kalilangan; and Lower Kulaman, Sumilao. The technologies demonstrated in the different ARCs which received financial input through the IADP include: upgraded goat production, organic lowland rice production, handicraft production, vermin-

composting and rice mill operation. However, the handicraft production and vermi-composting projects in Salawagan, Quezon are still on capability building stage without financial assistance involved.



Extension activities with the agrarian reform beneficiaries in Sumilao, Bukidnon

During the CY 2009, the Techno-demo Services Unit of the University Extension has collected Php13,518.00 as repayment to new inputs loans provided to the farmer-cooperators of the IADP.

CMU-DAR MINSAD

- As of December 2009, the CMU-DAR MINSAD Techno-demo Project on Goat Purebreeding & Production has 204 heads of goats in its inventory. The project has sold 41 heads of goats, 400 sacks of goat manure and 171 sacks of vermicast to different buyers giving a total income of Php 334,300.00 to the project thrust fund.

- The project has also served 481 visitors from Visayas and different parts of Mindanao including local government officials, farmers, students and enthusiasts.



- For the Smallholder Dairy Project - CMU continues to provide technical expertise to the settlement areas in the procurement of dairy cows for dispersal to farmers. Moreover, their plans are

underway to continue to extend to the farmer-cooperators of the project in maintaining the health and milk of their dairy cows.

Entrepreneurial Project for Homemakers and OSY

During the period under review:

- Twelve (12) trainings on handicraft making were conducted to none - KFCRD areas to 434 participants, 289 of whom were females with 145 male participants.

- Eleven (11) trainings were conducted on food preservation and processing with 215 female and only 9 male participants.

- As of December 2009, a total of 2,554 items of handicraft products were sold giving a total of Php 74,930.00 sales utilized in the procurement of materials and/or saved as trust fund for other extension projects.



Demonstration on flower, lei and corsage making

NEDA- KR2 Small-Scale Processing of Dairy Products

This is a project funded by the National Economic Development Authority of Region 10 implemented by the College of Home Economics and supervised by the University Extension. In 2009, the project was able to develop dairy techno-packs on ice-cream, butter, flavored milk, choco milk and pastries.

Information Dissemination

During the CY 2009, the unit has conducted 4 info-drives with 180 participants in Mailag, Malaybalay (62 pax); Lantapan, Bukidnon (38 pax); South Poblacion, Maramag (38 pax) and Lurogan, Valencia City (42 pax).



Activities during the info drive

Project Claims

Project claims is the newest project of the University Extension approved by the University OIC. The project is intended for members of the Bufallo, Tamaraw, Limus (BTL), a people's organization composed former land claimant of CMU under the government CARP.

During the third quarter of 2009, 4 trainings on bag/rug making, vermiculture and vermicomposting and vegetable production were conducted to 77 BTL members.



During the culmination program at the LIMUS, Purok 19, Dologon, Maramag, Bukidnon



During the training on food processing and vermicomposting and vermiculture

Kaabag Publication

A bi-annual Kaabag is the official publication of the University Extension which provides awareness to the University personnel and partner communities as regards the different activities conducted by the Extension Office.

As of January to December 2009, the unit has released 13 news articles from different college extension coordinators and the University Extension.



Kaabag-The official Publication of the University Extension.



IEC materials viewed by farmers during info-drives

5th Annual Extension Week

The Extension Week celebration is a regular program of the CMU Extension since 2005. It metamorphosed from simple Tabu-tabu (mini market) which aims to showcase extension activities: its inputs, process and outputs. It also provides avenues for partner communities to interact among themselves and with experts through techno-demonstration, techno-promotion, farm tour and tabu-tabu and it also serves as a marketing support to extension products.

"CY 2009 Extension Week"



Activities during the 5th Annual University Extension Week celebration

PRODUCTION

Production is the fourth major function of the University which is under the Business Management and Resources Development Office (BMRDO). It focuses on the production, protection, management and development of the agri-based and forest-based entrepreneurship in order to generate income as well as to provide support services to instruction, research and extension.

The BMRDO is directly under the Office of the University President whose head is designated as Special Assistant to the President (SAP).

The University Officer -In-Charge has appointed new SAP in the person of Dr. Louella M. Cabahug vice Prof. Rodrigo C. Bayawa the former SAP of BMRDO whose designation was terminated in the 1st quarter of this year.



The BMRDO has two (2) divisions of production projects: 1.) Agribusiness Division (AD) with a total of 22 production projects; 2) Forest Resources Development Division (FRDD) with 3 projects.

Agribusiness production projects includes crop production projects such as: Lowland rice (inbred), Lowland rice seed (Seednet), Upland rice crops (crops), Corn seed (OPV), Yellow corn, Fruit crops plantation, Plantation crops nursery, Rubber, Coffee, Cacao, Cassava and Rice Mill project while Animal production projects includes: Fishpond, Beef, Dairy, Goat, Sheep, Poultry, Swine, vermiculture and Feedmill. On the other hand, the FRDD Division includes: (1) Forest Nursery Sections such as Timber harvesting, Saw Milling, Carpentry and Furniture; (2) Forest Establishment and Maintenance Section and



(3) Forest Protection Section.

To support the operation of the two divisions of the BMRDO, the MEMU (Machinery & Equipments Maintenance Unit) was established to provide the maintenance and operation of the equipments used by BMRDO.

Under the Administration of the new SAP, the following accomplishments were achieved:

I. MANPOWER RESOURCES

As of December 2009, the total number of manpower resources of the BMRDO was 420, of which 62 were plantilla items and 338 job order contract workers. There were 20 personnel whose wages were charged to BMRDO had been assigned to other units/colleges in the University.

II. INCOME FROM DIFFERENT PROJECTS OF BMRDO

- The total gross income of BMRDO as of December 2009 was Php 50,084,487.16. The gross income came from sales revenue (Php5,204,376.89), toll and terminal fees other service income, interest income

(PhP 17,398.38), miscellaneous income and gain on sale of assets (PhP264,144.58), and non-cash/stock inventory (PhP5,287,359.54). The total expenses incurred was PhP 34,183,384.49 giving a net income of PhP 15,901,102.67. Out of this net income PhP 6,301,335.50 is cash available and in position with the BMRDO and the difference is an inventory income.

- Total value of products sold and disposed for the period January to December 2009 was PhP. 44,903,194.43. Of this, PhP 20,156,340.93 was cash sales, PhP 12,480,303.99 credit sales and PhP12,266,549.51 transfer of fund collections/accounts.

- The MEMU (Machinery & Equipments Maintenance Unit) was able to raise a gross income from Machinery services in the amount of PhP 4,032,169.97 minus expenses of PhP 2,262,994.20 giving a net income of PhP 1,769,175.77.

- Additional purchase of 10 units turtle/rotavator with engine and five (5) units thresher with engine to augment the existing farm machineries of the lowland projects.

- Lowland Rice Project. As of December 2009, the total area planted with commercial rice were 332.4 hectares, 214.4 hectares were planted with commercial rice, 31.0 hectares were planted with hybrid rice using 135H variety, 87.0 hectares for inbred rice seed, and 1.0 hectare for upland rice seed multiplication.

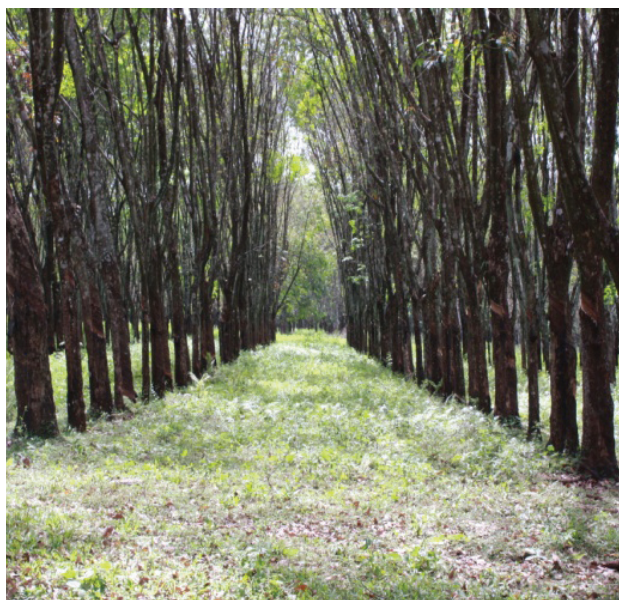


- Farm road construction, rehabilitation of five (5) kilometers and partially graveled at the lowland and rubber projects with assistance from NIA heavy equipments was done.

- The Rubber Production Project had produced 162,623.30 kilograms of assorted rubber product and by-products. Of this production, 118,920.0 were cup lump and coagulum disposed/sold within the first half of the year, while 43,703.30 kilograms were processed into rubber creep which were also disposed/sold. Stocks available totaled to 26,412.60 and 16,000.0 kilograms of cup lump/coagulum and 10,412.6 rubber creep, respectively, ready for disposal.



- For the Rubber Plantation, there was an expansion of 3.0 hectares planted with IRRM 600 rubber clone. A total of 1,260.0 rubber seedlings (IRRM 600) was produced of which 580.0 seedlings were cut-backed and bagged.



- Disposed/sold seedlings were as follows: 4,305.0 budded rubber seedlings; rambutan 609; grafted lanzones 306.0; mango 114.0; durian 61; Grafted santol 20.0; grafted suha 6.0 and grafted pomelo 70.0. As of December 2009 the available unsold seedlings of any kinds were; 700 grafted, 4,000 budded; 3,000 opening; 3,000 cutbacked; 3,000 uprooting; 3,000

bagging and 900 pruning.

- The Goat and Sheep Projects were expanded at the coconut project area. In collaboration with MINSSAD project, goat stocks were improved in terms of breed lines e.g. boer and anglo-nubian mestiso breeds.



- The fishpond project continued its operations under the BMRDO budget with two (2) laborers assigned. There were 40, 000 fingerlings cultured in the pond which raised up to 1,124.90 kilos of harvested fish and giving a total sales of 76,519.75 as of December 2009.

- Feed Mill has no operation for the period.

- Rice Mill Project milled a total of 316,657.78 kilograms of palay with an output milled rice distributed as follows: 211,637.0 kilograms clean rice; kilograms broken rice 12,290.0; 18,377.0 kilograms binlud and 4,169 kilograms of fancy rice (pilit).

- The total value of agricultural inputs (fertilizers and chemicals) and other stocks available in the stockroom was worth Php 5,032,458.00 and total worth of drugs and biologics is PhP408,073.18.

- Cassava and upland crops production projects have started copping this year. The Cassava project had planted 22.0 hectares of assorted varieties e.g. Yellow, PAVAR and Visca varieties. As of December 2009 the cassava project had raise a total gross income of 832,385.40 less expenses of 830,838.14 giving a net income of 1,547.26. Budget of which is charged against lowland rice production allotment. Upland rice projects focused its operation to seed multiplication.

- Corn project area has been reduced from 20 hectares last year to 16.25 hectares this season as corn areas intercropped with rambutan last season is no longer available.

- The Forest Resources and Development Division is composed of the Forest Nursery, Forest Establishment and Maintenance, Timber Harvesting, Saw Milling, Carpentry and Furniture Sections. Seed collected and bagged were 137.50 kilos and 12,7000.0 bags, respectively. A total of 382.44 cubic meters of logs that were felled, bucked and hauled to the CMU sawmill and to Yemane Traders. Firelines establishment have been done and six (6) grass fire occurred with one (1) very damaging of almost 70% of the Musuan peak cover were burned.

- The BMRDO management did not increased prices of all commodities and by-products.

III. OTHER INCOME GENERATING PROJECTS OF THE UNIVERSITY

INSTRUCTIONAL MATERIALS DEVELOPMENT CENTER

This unit is in-charge for the production of learning materials like laboratory workbooks, hand-outs and other reading materials. For this year, the center has produced a total of 30,325 copies of instructional materials, which earned about three million fifty four thousand, eight hundred fifteen pesos (Php3,054,815.00) which is tantamount to sixty-five percent (65%) increase compared to last year's production of 18,341 copies giving only a total income of (Php 1,964,123.00).

RESIDENCE HALLS FOR STUDENTS

The University has provided ten (10) Residence Halls for both undergraduate and graduate students located inside the campus and accessible to transportation.



For the year 2009, the Residence Halls generated a total income of Php 4,018,094.00, out of which Php3,868,810.00 came from dormitory rentals and Php149,284.40 income from payments of electrical appliances.

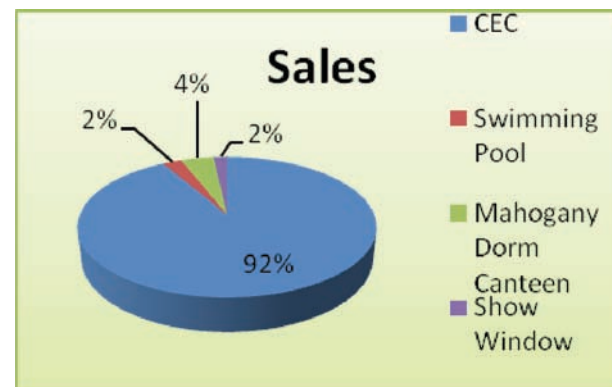
THE UNIVERSITY FOOD AND LODGING SERVICES

The University Food and Lodging Services is one of the major production units of the university. It is an income generating project which operates the food processing, catering and lodging services that serves the general populace of the University including transient visitors and field trippers. It also serves as the venue for trainings / seminars and reception to special occasion.

This unit is manned by 33 personnel. As of January to December 2009 they had served 2, 765 clients for lodging services and served 17,219 for catering services viz. seminars & weddings, etc.

The UFLS had earned a total gross income of Php 6,531,296.99. From CEC it had earned a total gross income of Php 12,388,379.82, from swimming Pool

Php 326,483.89 from the Mahogany Dorm Canteen Php 570,580.87 and Php 233,287.35 from Show Window in front of main gate.



Lodging Facilities & Amenities (CEC)



The CEC building houses the canteen and the lodging facilities.



Fast Food Services (CEC)



The Farmers Training Center provides comfortable space for seminars, conventions/conferences, wedding receptions and other activities. This center is under the management of UFLS.



The UFLS top management has widened the scope of its service coverage not only to the students, faculty and employees of the University but also to the various Barangays, Municipalities and Provinces and private organizations within the region as well as in national level and even in abroad.

At present, UFLS has continuously and successfully caters to local, national and foreign bookings for seminars, workshops, trainings, meetings, anniversaries, and other related fora.



The University Swimming Pool through its Gazebo served as venue for parties like birthdays, acquaintances and other related activities.



CMU Gazebo



Swimming pool

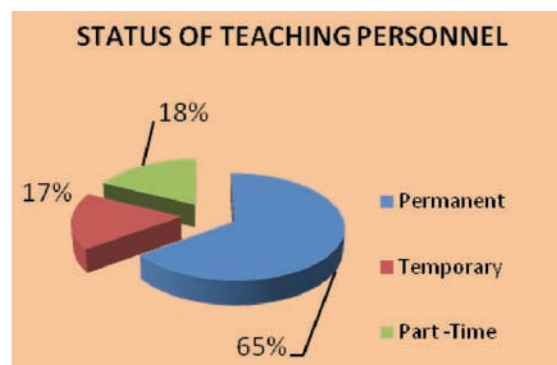
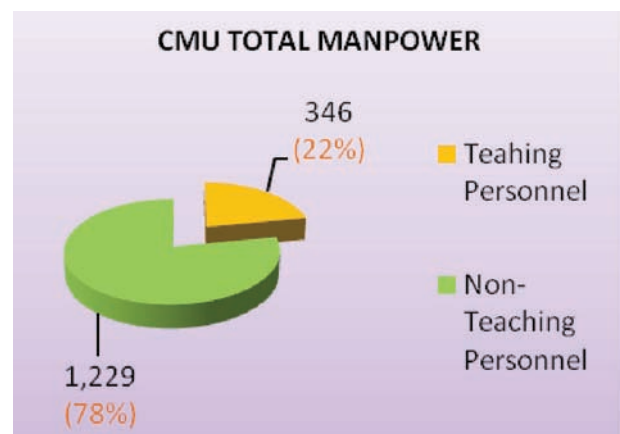
Aside from this, the exact and accurate measurement of the pool provides venue for Swimming Competition during CMU Palaro and other athletic events.

ADMINISTRATION

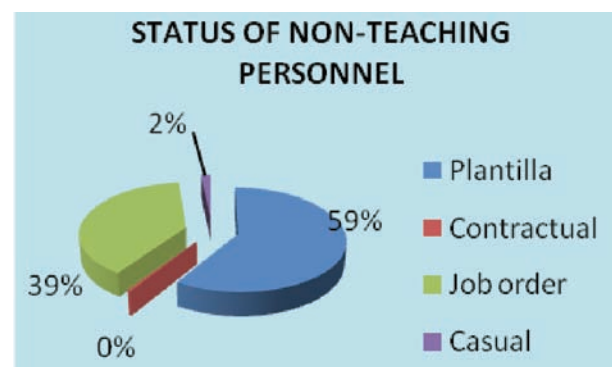
The Administrative units served as facilitating agents for all educational activities and operations, as such, they are considered as indispensable components of the university system providing the university with effective, efficient and economical services relating to personnel, budget and fiscal matters, supplies, infrastructure development and management of equipment, health, security, records and auxiliary services.

I. HUMAN RESOURCE AND FISCAL MANAGEMENT

As of December 2009, the University has a total manpower of 1,305 personnel broken down as shown in the figures below.



There were 346 (22%) teaching personnel, out of which 225 (65%) were permanent, 60 (17%) were temporary and 61 (18%) with Part-time status of appointment.



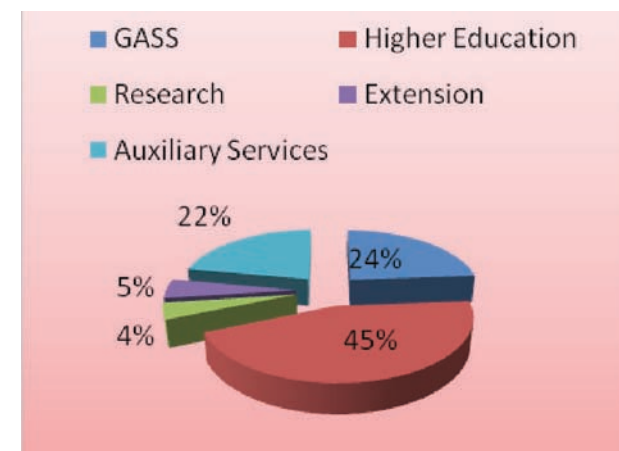
On non-teaching personnel, a total of 1,229 (78%) comprises of 724 (59%) personnel on plantilla, 477 (39%) job orders including the BRMRO staff assigned in different projects, 20 (2) casuals and only 6 were contractual.

The manpower of CMU was reduced to 6% compared to last years 2008 total manpower which is 1,387, this reduction observed is due to economic crisis that hits CMU rather.

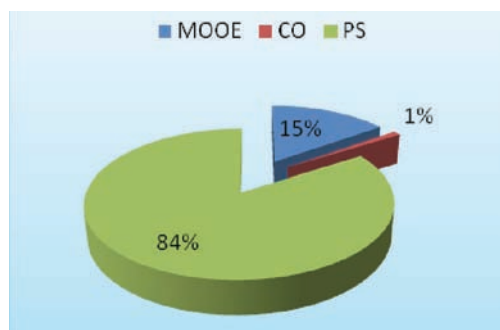
FINANCIAL MANAGEMENT OFFICE

This unit is primarily tasked with managing the financial resources of the University. It includes budget execution, budget accountability and coordinating with outside offices concerned with government funds.

For FY 2009, CMU received a total allotment of Php 236,471,000 for its operation.



Percentage Allotment by Function



Percentage of allotment by Expense

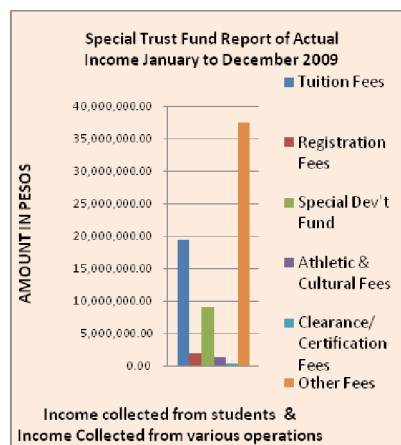
The University has generated income from tuition fees and other school charges.

For 2009, it generated a total income of Php 69,589,565.92 under Trust Fund 164.

Central Mindanao University catered a total of 18,697 students for the 1st & 2nd semesters of SY 2009-2010 and this was translated into a total of Forty-eight Million Three Hundred Fifty-five Thousand Eight Hundred Thirty-nine pesos and 78/100 (Php 48,355,839.78) of income collected from students.

The University has also collected a total of Twenty-one Million Two Hundred Thirty-three Thousand Seven Hundred Twenty-six pesos and 14/100 (21,233,726.14) from its operations for a total income of Sixty-nine Million Five Hundred Eighty-

nine Thousand Five Hundred Sixty-five pesos and 92/100) for 2009.



THE CASHIER'S OFFICE

The Cashier's Office had accomplished the following activities:

Php 52,098,606.32 - Total amount of cash advances withdrawn and disbursements made for salaries, wages, stipend, honorarium and other claims.

Php 111,767,701.59 - Total amount of disbursements made thru individual ATM Accounts.

Php 66,228,721.36 - Total amount income collected (STF, UFLS, BMRDO).

Php 59,960,462.93 - Total collections from trust funds accounts.

Php 3,433,523.52 - Total amount of remittances of tax withheld from salaries, VAT & other claims by the authority to Debit agency Bank account (ADABA) to BIR.

Php 379,472,895.46 - Total amount of Checks Disbursements

1,127 - Total number of payrolls paid

7,461 - Total number of Checks issued paid

65,742 - Total number of Official receipts Issued

119 - Total number of Monthly reports of Accountability prepared /submitted.

2,769 - Total number of Advice of Checks issued and Cancelled (ACIC) prepared and submitted to Land Bank of the Philippines at Valencia City.

1,929 - Total number of Daily Reports prepared and submitted to the Accounting Office.

32 - Established/reconciled balances of various accounts

THE ACCOUNTING OFFICE

This office processed the following sets of documents as of January to December 2009.

- The Office has also processed the following documents for Fund 101, 164, PCC and Other Trust Funds

- a. 14,837 - Vouchers and Payrolls
- b. 825 - Purchase Orders
- c. 246 - Job Orders/Contracts

- Prepared pay slips, certificate of net take home pay, certification of loan payments and certification of premium policy payments for qualified loan applicants as well as certification of life retirement premium payments of policy holders, retirees and transferees.

- Assessed more or less 3,500 students enjoying CMU funded and outside-funded scholarship grants and other financial aid for First Semester

- SY 2009-2010 and also assessed a total of 246 Graduate students.

- Assisted the Cashier's Office in the collection of school fees of more or less 8,000 students for the second semester.

- Audited a total of 12,500 Certificate of Registration of students for Second Semester SY 2008-2009.

THE BUDGET OFFICE

Among its accomplishments are the following.

- Prepared and submitted Budget Proposal for FY 2010 to CMU Board of Regents-12 sets, DBM Region X-3 sets, CHED-1 set and 2 sets for Senate.

- Processed and reviewed /verified claims of obligations:

- Prepared funding request for Terminal Leave Benefits of 8 persons.

- Prepared and submitted to DBM the following reports :

- Program of Receipts & Expenditures FY 2009
- Monthly Estimates of Income
- Financial Report of Operation (Quarterly)
- Statement of Allotments/ Obligations and Balances (SAOB)- January to June 2009 for Fund 101 (General Fund) and Fund 164 (Special Trust Fund).
- Statement of Budget Utilization and Balances (SBUB)-January to June 2009 for Fund 161

(Revolving Fund)

- Report of Actual Income (Quarterly)
- Physical Report of Operation (Quarterly)

- Prepared and submitted to BDM various documents as requirement for fund releases.

II. SUPPORT SERVICES

THE CMU SECURITY SERVICES

The CMU Security Services as an instrument for stability of peace and order, is tasked to protect lives and ensure the security and safety of all CMU occupants and to safeguard all government properties of the University.

The office has earned a total of 112,150.00 pesos derived from its share from the gate pass (road right of way), impoundment of astray and tethered animals, fines from campus and traffic road violations and etc., which is deposited to its trust fund.

The University Security Services has rendered the following services:

- Recorded, investigated and attended to:
 - 34 cases of physical injuries
 - 41 cases of theft, majority occurred in private

residents

- 19 cases of robbery incidents
- 25 cases of harassments/ threats involving students, employees & outsiders
- 15 cases where students violated curfew hours
- 2 cases suspected of possessing illegal drugs/ marijuana inside CMU premises & recovery of marijuana potted hills
- Cases on entry of outsiders with 7 suspicious looking person roaming around CMU vicinity without legitimate purpose.
- 39 cases where doors of government buildings left unlocked.
- 31 cases on vehicular accidents.
- 84 cases impoundment of astray animals tethered inside CMU premises.

The cases enumerated above were properly investigated and appropriate disciplinary measures were instituted.

THE CHIEF ADMINISTRATIVE OFFICE

This office plans, supervises and coordinates the activities of the administrative services support staff. It is also directly supervises personnel of the University Internal Audit Services, University Planning, Management Information System (MIS) and Auxiliary Services.

THE UNIVERSITY PLANNING

- Consolidated the Annual Accomplishment Report 2008 of the concerned offices and submitted it to the Committee responsible in the production into one (1) University Accomplishment Report;
- Prepared and submitted quarterly Physical report of Operations for 2009, Physical and financial Plan, FY 2009 Budget: Lists of Prioritized Program Project to DBM, NEDA-RDC, CHED and other concerned agencies;
- Prepared signed and processed 2 memoranda, communication letters, 121 trip tickets and 20 travel orders.
- Signed 2 vouchers as OIC of the Vice President for Administration; and
- Served with various transactions ranging from permit to operate motorized tricycle, inquiries and submitted reports and communications.

THE UNIVERSITY INTERNAL AUDIT SERVICES

- Conducted 1 program on case study of BMRDO-

terminal market Project including the accounts receivable of RF and FRDD accounts.

- Implemented 1 program on the New guidelines in the Recording of Fresh/Dried Palay including by products of palay, Milling and marketing Operations.
- Conducted 1 program on Audit and Evaluation of the BMRDO – Rubber Project to determine the production efficiency of the project.
- Initially set up 1 program on audit procedure of RF and FRDD invoices in order ensure compliance with prescribed policies and procedures.
- Conducted 1 program on relocation Survey, submitted Audit Report on the B and H Agricultural farms entered into and between CMU under the Management and Development Agreement (MDA).
- Conducted 10 programs cash count and cash examination to the respective accountable officers in the Cashier's Office in order to safeguard cash and other cash items susceptible to misappropriation.

- Conducted 3 programs on stock inventory audit of the Seednet and Ricemill in order to check and validate the accuracy, completeness and timeliness of the record.
- Acted on communication letters (103), memorandums (45), queries (230), investigations (7), recommendations/ endorsements (15) and other matters related to audit functions.

THE MANAGEMENT INFORMATION SYSTEM

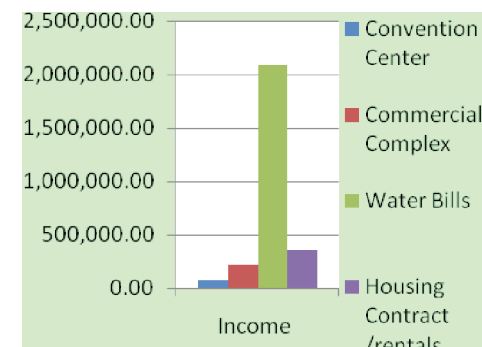
- Administration of the following Enterprise Services:
 - Enrollment system - provide 24/7 access on the system including back-up of database, and maintenance of hardware & network services.
 - Follet library System - maintained and back-up of data from & into the Follet Database Server.
 - Internet Servers - performed administration and maintenance task on the internet servers such as e-mail, proxy, DNS, Active Directory, FTP & HTTP.
 - CEC inventory & POS system - administration of the inventory and POS database server. Reconfiguration from a system crash.
 - Facilitated the computerized High School Enrollment System.
- Posting of Bids, Auction to the CMU Website. Updated and post information requested.

- Editing the CMU website template and website maintenance, evaluating and implementation of proper security measures in the enterprise servers.
- Updated faculty loading in the SIS to be used in the downloading & uploading of gradesheets. Also assisted faculty on actual downloading & uploading of gradesheets.

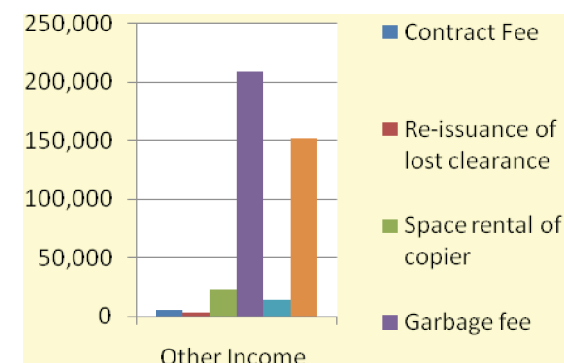
- Assisted the University Registrar of the computerized enrollment system especially on TOR generation.
- Assisted the University Financial Management Office on the evaluation of various ICT procurements.
- Data, gathering, encoding and updating of important data for the Student Information System.

THE AUXILLIARY SERVICES UNIT

The Auxiliary Services Unit is responsible for the business services that complement and integrate the University's mission, of teaching, research and services. Its operation runs with revenue generated from the university facilities, privately and government owned-establishments including water bills and student clearances.



The Auxiliary Services Unit generated an income of Php 78,501.75 from University Convention Center rentals, Php 214,264.42 from Commercial Complex, Php 2,088,240.00 from water bills and Php 359,257.74 from renewals of housing contracts and rentals, rental of photocopier (Php22,100.00) and garbage fees (Php 209,220.00), share from small business (Php 14,375.00) and share from accepting lodgers (Php152,145.00).



THE INCOME OUTREACH PROJECT (IOP)

This unit provides and facilitates loans to students through direct student funds and salary deduction schemes. It is also liable in monitoring the university's share on government and private homeowners accepting boarders and lodgers inside the CMU campus.

2 nd Semester SY 2008-2009	
NO. OF BORROWER	INTEREST
873	73,393.19
1 st Semester 2009-2010	
NO. OF BORROWER	INTEREST
894	98,264.33

THE SUPPLY SERVICES AND PROPERTY MANAGEMENT OFFICE

This office is responsible for the provisions of the requisitioned supplies to the different offices of college/units and keep records on inventory, update and disposal of condemned properties acquired by

the University.

For further development, three personnel of this unit were sent to attend Strategic Planning Workshop, aside from this, the unit has also facilitated the following activities from January to December 2009.

• Procurement Section

- Consolidated 182 sets of approved annual procurement for supplies & materials (APP) from different units & colleges.
- Prepared 475 sets Purchased Request (PR) from consolidated APP of different units/colleges.
- Prepared 581 sets of Invitation to Bid (ITB)
- Prepared 55 sets Agency Purchased Request (APR) for Procurement Service, DBM
- Filed 504 sets of Purchase Request
- Prepared 87 sets of Sole Distributorship Certification for the direct purchased items
- Floated 436 sets of invitation to Bid
- Posted 30 Public Bidding in PhilGEPS
- Served 736 sets of approved Purchased Order
- Prepared 856 sets of Purchase Order
- Prepared 126 sets of Obligation Request for Trust fund Accounts
- Prepared and issued 1500 sets of withdrawal slip

of supplies, materials, equipments to the different units/colleges.

- Signed 1260 sets of Inspection and Acceptance Report
- Prepared 1060 disbursement voucher
- Prepared 44 sets of Consumption Report of the different units/colleges.

• Property Section

- Registered 49 units of vehicle to LTO and submitted for smoke test
- Prepared 49 sets of issuance application, and insured CMU vehicle
- Collected 49 sets of certificate from GSIS for registration and remitted insurance payment and registration to agency concerned.
- Prepared and typed 36 sets of Inventory and Inspection Report of Unserviceable property.
- Issued 800 stubs & 52 bxs continuous Official receipts to the Cashier's office
- Prepared 100 sets Waste Material Report of condemned items.
- Process 667 sets property clearance of all faculty, staff and students who are leaving the University.
- Prepared and filed 672 sets of Acknowledgement Receipt for Equipment (ARE)
- Prepared & filed 358 sets of Property Ledger Card and 82 sets of Inventory of equipment, land &

building

- Issued 100 sets of toga to all graduates (faculty & students)

THE CAMPUS LANDSCAPING AND BEAUTIFICATION DEVELOPMENT PROJECT (CLBDP)

This unit initiates, coordinates and implemented plans for landscaping, beautification, physical development and maintenance of the University campus grounds.

The following are their accomplishments from January to December 2009.

- Propagated 4,000 bags of different ornamental plants ready for use to another landscaping project of the university campus.
- Conducted regular weeding and watering of ornamental plants within the campus (4 has.) and CLBDP nursery (300 sq. m.); trimming of bushes and hedges (1 has.); and cutting/pruning of matured and deformed tress (306 trees).
- Gathering and hauling with 15 drums per week of garbage around the campus including the residential areas in the University.
- Maintained the cleanliness of the University

campus by mowing tall grasses, picking of waste paper & cellophane and sweeping of dead leaves along the roads within the campus.

- Facilitated and prepared program of work, procurement, job orders, trip tickets and other related office works.

THE UNIVERSITY HOUSING TASK FORCE (UHTF)

The University Housing Task Force is charged with the monitoring, evaluation and accommodation of government and privately owned cottages built inside the CMU periphery. Among its accomplishments were the following:

- Served 261 notices to leaseholders with expired contracts.
- Facilitated /endorsed request of:
 - Repairs - 68
 - Contracts - 261
 - Entertain - 178 person for verification/inquiry & follow-up of contracts.
- Monitored illegal construction of cottages inside CMU Campus.
- Summoned leaseholders who are selling flammable substances.
- Acted urgent complaint on odorous materials from backyard raised animals

- Conducted visitation and surveys around CMU campus and interviewed residents whether an employee or outsiders.

THE PUBLIC INFORMATION OFFICE

During the period under review, the University Public Information Office had accomplished the following:

- Facilitated tour guiding of Field Trippers/ Lakbay Aral Participants and University visitors to 39 agencies /offices and served 3,072 participants.
- Documented University activities and other units/ departments.
- During the period under review, it had taken 302 footages.
- Processed a total number of 3,812 ID's of Students and Employees:
 - College - 3,072
 - Graduate students - 37
 - High School - 369
 - Special Course - 33
 - Employees (Faculty & Staff) - 301
- Printed a total of 18 Streamers/Backdrop of University Activities and other units/ departments

- Other accomplishments:

- Hall served as the venue for briefing of visitors, field trippers and lakbay-aral participants. It also served as venue for film showing of classes, thesis defense, grievance committee hearings and others.
- Provided pictures used for various University users like the CMU.

THE UNIVERSITY HOSPITAL

The University Hospital is a support unit of the academe which is committed to serve and provide health care services not only to its constituents but also to its neighboring towns.



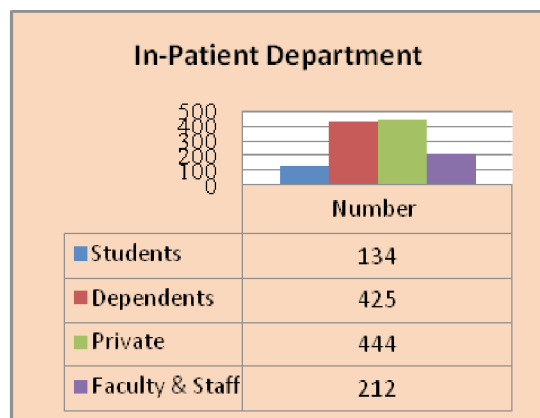
Among its major developments/ activities are as follows:

- January 1, 2009 - CMU hospital was certified by DOH as "Center for Newborn Screening"
- February 28, 2009 - Free Cholesterol Screening to CMU constituents with Hypertension and Diabetes Mellitus in consonance with PhilHealth anniversary celebration.
- March 11, 2009 - Cataract screening at the Hospital OPD
- March 16, 2009 - Co-sponsored the Seminar on Medical Principles of Healthful Foods and Lifestyles.
- April 25, 2009 - Operation tuli

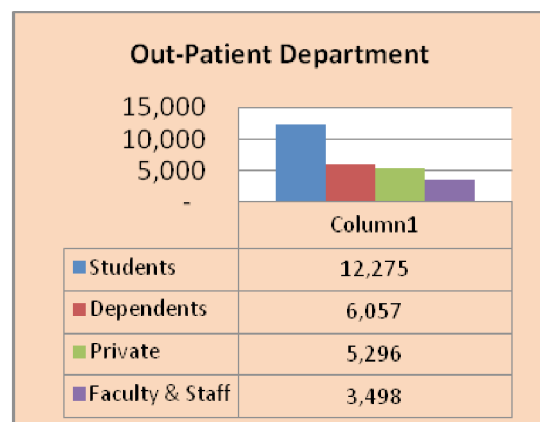
- June 19, 2009 - CMU Clinical Laboratory upgraded to Level II category
- September 2-4, 2009 - Workshop training on Basic Health Research sponsored by NorMinCoHRD, DOST and DOH.
- October 13, 2009 - Submission and Evaluation of research proposal on the "Prevalence of Urinary Track Infection Among Newborns".
Proponents: Naluin G. Esdrilon, MD
Maria Elena C. Bilar, PHN II
- October 15, 2009 - CMU Hospital Breakthrough in Research " Research proposal ranked No. 6 in Region X by NorMinCoHRD Assessment.
- Endorsed for funding by NorMinCoHRD to the PCHRD (Phil. Council for Health Research and Development) Manila.



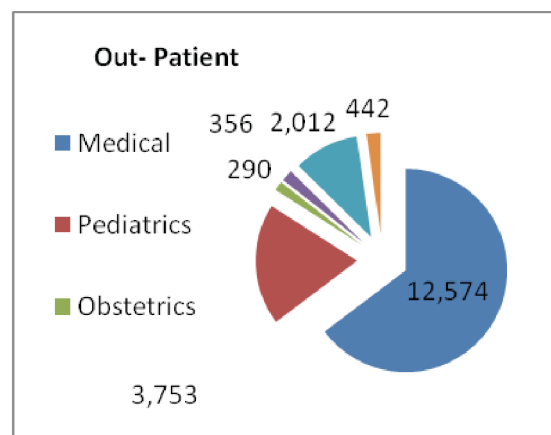
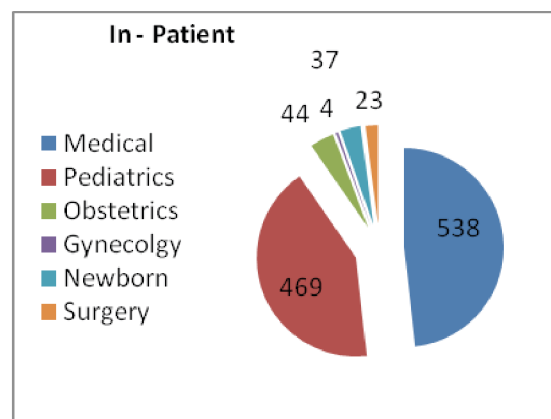
A total of 1,115 clients consulted in the In-Patient Department from January to December 2009.



A total of 27,126 clients consulted in the Out-Patient Department from January to December 2009.



For the 2009 operation, it had served a total of 28,241 in and out patients/clients. Among its clients were students, employees and their dependents and individuals suffering from various ailments.



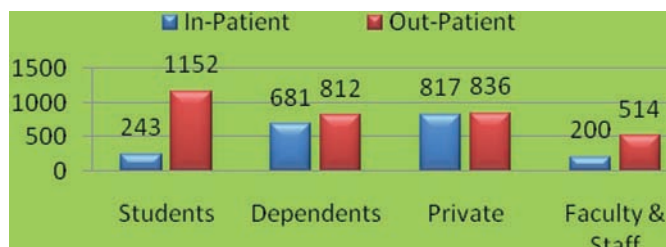
Ten Leading Causes of Admissions January-December 2009

1. Gastroenteritis, acute with some to moderate dehydration..... 187
2. Urinary tract infection 122
3. Upper respiratory tract infection 135
4. Amoebiasis, intestinal, acute 32
5. Hypertension 31
6. Typhoid fever..... 18
7. Community acquired pneumonia..... 72
8. Systemic viral infection/syndrome..... 49
9. Dyspepsia..... 85
10. Bronchitis, acute 32

Ten Leading Causes of OPD Consultations January-December 2009

1. Upper respiratory Tract infection..... 2508
2. Wounds..... 2012
3. Urinary tract infection..... 1230
4. Hypertension 760
5. Acute gastroenteritis..... 891
6. Bronchitis..... 405
7. Prenatal..... 290
8. Gastritis 264
9. Systemic viral infection 265
10. Allergy 250

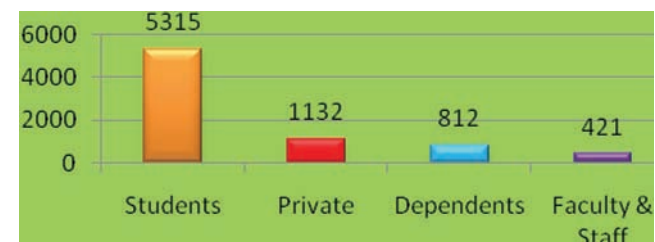
Laboratory Services - January to December 2009



DENTAL SERVICES OFFERED:

- * Fasting blood sugar
- * Random blood sugar
- * Cholesterol determination
- * Hemoglobin determination
- * Hematocrit determination
- * Complete blood count Triglyceride
- * Platelet count
- * Pregnancy test
- * Fecalysis
- * Blood typing
- * Urinalysis

Dental Services- January to December 2009



LABORATORY SERVICES OFFERED:

- * consultation
- * temporary filling
- * tooth extraction
- * dental examination
- * oral prophylaxis
- * permanent filling
- * admission/emergency



The Physician



Receiving Area



25 Bed Capacity



Delivery Room

III. OTHER OFFICES DIRECTLY UNDER THE OFFICE OF THE PRESIDENT

THE UNIVERSITY CENTER FOR GENDER AND DEVELOPEMNT (UCGAD)

This office is mandated to help implement the government's development agenda that is empowering, equitable and true for all regardless of age, sex, religion and ethnic origin" within the university and the region it serves.

For the period of January to December 2009, the office had:

- Conducted ten (10) activities/ trainings to students and one (1) training/seminar for faculty and staff.
- Participated in fifteen (15) GAD trainings, meetings and other related activities.

THE UNIVERSITY ARCHIVES

This office is responsible for the orderly retention and retrieval services of all university records; active or inactive and historical collections which documents the origin, development and achievements of the University.

Accomplishments

- At this time, personnel from this unit were assigned code temporarily to the documents records kept from their office.
- Filed records according to its function/ classification i.e. academic, administrative, research & extension, production and income generating project sections.

THE LEGAL OFFICE

The Legal Office is tasked primarily to provide legal advice and assistance to the university President and to the various units in the university. Its mandate is to see to it that the University operates within the confines of law, and that its interest, rights, privileges are legally enforced and protected.

Upon the resignation of the former Legal Officer, the position was presumed temporarily by Mr. George Caesar B. Gewan – acting as Legal Officer of the University.

Accomplishments

- Made follow-up, prepared pleadings, attended hearings and/or represented CMU to six (6) cases where CMU is a party litigant.

- Prepared, renewed and evaluated contracts of Central Mindanao University with other government agencies, private corporations and individuals.
- Extended legal assistance in the bidding activities of the university to ensure compliance with the law.

THE INSPECTORATE TEAM FOR SUPPLIES AND MATERIALS (ITSM)

This office is responsible for the inspection and preparation of reports on all deliveries of supplies, materials and equipment to the University and other business related activities involving the CEC, PCC, Tea Room, BMRDO including semi-expandable and expandable materials which are to be condemned and disposed of. The following are the accomplishments from January to December 2009.

- Conducted morning and afternoon daily inspection of fresh milk from PCC & BMRDO Dairy Project.
- Attended/conducted 3,077 requests for inspection of supplies, materials and equipment & other deliveries of various products.
- Inspected 1,500 reports of supplies, materials and equipment for attachment to the vouchers.
- Inspected 4,708 reports of Product deliveries and

- Acted 274 reports on waste materials for condemnation.

THE UNIVERSITY PLANNING, MONITORING, EVALUATION AND PHYSICAL PLANT DEVELOPMENT OFFICE (UPMEPPDO)

The creation of the Office was approved by the BOR on September 3, 2009 by virtue of Resolution No. 63, s. 2009. The office is headed by Engr. Leoncio Mariano C. Acma as Director. The office was created out of the University Planning Office and Engineering Technical Planning Services. It has three components namely University Planning Office, Land Use Planning and Development; and Physical Plant Development Office lump into one unit called UPMEPPDO.

This Office has spearheaded and coordinated various activities in the University. Streamlining of the University-wide developmental plans including land use planning and implementation of physical structures are among its major concerns.

- Planning Office, is responsible for the preparation of the University-wide development plans; preparation of reports required for submission by national, regional and local offices; conduct of strategic planning workshops in consonance to these plans and; preparation of mid-year and annual

accomplishment report of the University.

- Land Use Planning and Development Office, is tasked to prepare updated land use map of the university for development reference including plans and designs for any development involving land use; coordinate with different units of this University and also to the external agencies with respect to land use development requiring external funding.

- Physical Plant Development Office, is tasked to prepare physical development plans for the University which includes individual plans, designs and specifications, program of works and estimation of budgetary requirements of physical structures for implementation; conducts monitoring and evaluation before and after implementation of physical structure projects; and inspects and recommends actions for any physical development of CMU and private structures.

IV. INFRASTRUCTURE DEVELOPMENT

THE GENERAL SERVICES

The General Services is a support unit that took charge of the general repair and maintenance of the infrastructure, transportation facilities and machinery services of the university. It is also responsible for the implementation of various projects undertaken for 2009.



Among their accomplishments for CY 2009 are the following:

GENERAL SERVICES MAJOR PROGRAM/PROJECTS	ACCOMPLISHMENTS
I. Physical Plant Development Office (PPDO)	
1. Extension of Tissue Culture Laboratory	100%
2. Proposed Vermiculture Project	100%
3. Completion of the College of Nursing Building	100%
4. Proposed Elevated Water Tank @ Mahogany Residence Hall	100%
5. Proposed Community Health Nursing Center	100%
6. Proposed Viewing Deck	100%
7. Proposed six (6) Classroom at CAS Annex Building	100%
8. Conversion of Sawmill into a six (6) Classroom Building	100%
9. Completion of the College of Nursing Building (Extra Work Order)	100%
10. Proposed Picnic Shed (Tourism) 4 units	100%
11. Construction of Volleyball Court	100%
12. Proposed FTC Fencing	71.132%
13. Proposed MMZB Fencing	71.429%
14. Proposed Hitachi Laboratory Building	91.100%
15. NEDA KR2 Productivity Enhancement Project, Small Scale Processing of dairy Milk by Products	90.97%
II. Building Construction, Repair & Maintenance and Carpentry Unit	
1. Repair/Renovation of Faculty & Staff Housing	9 cottages repaired
2. Repair/Renovation of Offices & School Building	18 buildings repaired
III. Power Plant & Electrical Services	
A. Installation of Electrical Wiring System on Various Building	
1. Universal Testing Machine	100% completed
2. Community Health Nursing	100% completed
3. Tissue Culture Laboratory Building	100% completed
4. New Tourism Information Building	90% completed
5. New Nursing Community Building	100% completed
6. College of Engineering Building	100% completed
7. College of Forestry (six classroom)	100% completed
8. CAS Annex (six classroom)	100% completed
9. Installation of 20 units additional street lightings	100% completed

APPENDICES

Table 1. List of On-going Researches funded by the University from January to December 2009

NO.	RESEARCH TITLES	RESEARCHERS	DURATION
1.	NCT Corn	Study Leader- Prof. H.E. Franje	Continuing
2.	NCT Legumes	Study Leader - Ma.S.T. Dargantes	Continuing
	Inventory and Assessment of Plants in Mt. Kitanglad Natural Park, Bukidnon	Study Leader - Dr. V. B. Amoroso Collaborator - Ms S.H. Laraga	6/1/07- 5/31/2010
List of On-going CMU Goat R and D Research Programs			
Socio- Economics			
1.	Project: The Economics of Production and Marketing Studies of Slaughter Goat in Selected Municipalities of Bukidnon Study 1. The Economics of Slaughter Goat Production in Selected Municipalities of Bukidnon Study 2. Marketing and Traders' Preferences for Slaughter Goat in Selected Municipalities of Bukidnon	Project Leader- Dr. Ma. Luisa R. Soliven Study Leader- Dr. Adel S. Laureto Co-Study Leader- Prof. Lowella R. Angcos Study Leader- Ms. Hazel E. Soliven Co-Study Leader-Dr. Ma. Luisa R. Soliven	On-going
On-Station Nutrition			
1.	Growth Performance of Goats from Weaning to 8 months of Age Under Different Feeding Strategies in Musuan, Bukidnon	Study Leader- Dr. Ma. Luz L. Soriano	On-going
Goat Processing-Dairy Technology			
	Project: Formulation of Cottage Cheese from Goat's Milk Study 1. Effects of Different Coagulants on the Percent Recovery and Sensory Qualities of Cottage Cheese from Goat's Milk Study 2. Physico-Chemical and Microbiological Evaluation and Shelf-life Studies of Cottage Cheese from Goat's Milk	Project Leader- Prof. Jose S. Valmorida Study Leader- Prof. Queenie Ann L. Curayag Study Leader- Prof. Jose S. Valmorida	On-going
Disease and Health Management			
A. On-Station			
1.	Project: Disease and Health Management of Gastro-intestinal and Respiratory Pathogens of Goats Study 1. Identification of Economically Important Gastro-intestinal and Respiratory Pathogens of Goats of CMU Study 2. Epidemiologic Analysis of Important Gastro-intestinal and Respiratory Pathogens of Goats Study 3. Identification of Active Components of Some Herbal Plants as Alternative Treatment of Important Gastro-intestinal and Respiratory	Project Leader & Study Leader 1- Dr. Luzviminda T. Simborio Study Leader- Dr. Peter R. Orbase Study Leader- Dr. Ruby H. Destajo Co-Study Leader- Dr. Ma. Lebeña B. Montemayor Study Leader- Dr. Jose Alexander C. Abella Co-Study Leader-Dr. Jose M. Obedencio, Jr.	On-going

	Pathogens of Goats Study 4. The Prevalence of Parasitic Gastro-intestinal Nematodes in Goats and Pastures of CMU		
B. Herbal Plants-Backyard Goats			
1.	Project: Survey of Saponins in Forage and Helminths of Backyard Goats Raised by Selected Farmers in Maramag, Bukidnon Study 1. Saponins in Forage of Goats Raised in Backyards by Selected Farmers in Maramag, Bukidnon Study 2. Occurrence of Helminths in Goat Population in Relation to Density of Forage Species with Saponins	Project Leader & Study Leader 1- Prof. Heidi C. Porquis Co-Study Leader- Prof. Hannah P. Lumista Study Leader 2- Prof. Gloria L. Galan-	On-going
2.	Student Teachers' Feedback on Microteaching and Their Perspectives on Teaching Styles and Students' Learning in Bukidnon: A Qualitative Study	Study Leader- A.G. Azuelo Co-Study Leader- L.A. Bolivia- CMU-Collaborators: R.C. Orongan, L.B. Bago, L.N. Romero, G.I.S. Escarlos, BSU-Collaborators: E. Maganding	6/01/09- 5/31/2010
3.	Monitoring and Conservation of Bats in CMU Fruit Trees Plantation, Musuan, Bukidnon	Study Leader- A.B. Mohagan Co-Study Leader- L.D. Obsioma	6/01/09- 5/31/2010
4.	The Effect of Content-Based Instruction and Interdisciplinary Approaches to Students' Study and Thinking Skills	Study Leader- E.D. Alfabeto Collaborators: A.M. Bayron Jr., S.R.V.B. Olaya, E.B. Lopez	6/01/09- 5/31/2010
5.	Multiple Intelligences, Learning Styles, Reading Attitude and Academic Achievement Among CMU First Year Students	Study Leader- A.C.S. Calimbo Collaborators: M.D. Prantilla, A.B. Sususco O.P.P. Talle	6/01/09- 5/31/2010
6.	Tracer Study of the Graduates of Central Mindanao University, SY 2004-05 to SY 2006-07	Study Leader- L.B. Ledres Collaborators: E.N. Non, R.A. Duropan	6/01/09- 5/31/2010
7.	Project: Social Studies and Social Science Teachers in Basic Education, Province of Bukidnon: Quo Vadis? Study 1. A Profile of the Social Studies and Social Science Teachers in Basic Education in the Province of Bukidnon Study 2. Needs Assessment of the Social Studies and Social Science Teachers in Basic Education in the Province of Bukidnon	Project Leader & Study 1 Leader- E.N. Mendoza Collaborators: A.M. Cabacungan, R.A. Duropan, R.F.T. Anino A.M. Bayron, Jr., A.G.V. Visayan, B.D. Visayan Study Leader 2- A.I. Jacobe Collaborators: M.T. Sobradil, L.B. Ledres, H.L.Y. Enriquez, N. Quizon, J.B. Colonia, J.Q. Jumalon	6/01/09- 5/31/2010
8.	Ethnomathematics of the Matigsalog Tribe in Sinuda, Kitaotao, Bukidnon: A Pilot Study	Study Leader- F.A.N. Yebon Co-Study Leader- R.G. Eballo	6/01/09- 5/31/2010

		Collaborators: A.A. Apellado, R.T. Fernandez J.D. Gonlibo	
9.	Third-Point Load Effect on Bending Moment of Slotted Ferrocement Beam	Study Leader- L.M.C. Acma	6/01/09- 5/31/2010
10.	CMU Alumni Interactive	Study Leader- A.S. Villamor	6/01/09- 5/31/2010
11.	Project: Structural Design Software Development Study 1. Reinforced Concrete Design Software Study 2. Steel Design Software Study 3. Timber Design Software	Project Leader & Study 1 Leader-R.B. Pekitpekit Study Leader-E.L. Nacua Study Leader-L.M. Cagalitan	6/01/09- 5/31/2010
12.	5-Year Herd Projection Through Spreadsheet	Study Leader- J.E. Pepito	6/01/09- 5/31/2010
13.	In Vitro Evaluation of Three Organic Natural Farming Concoctions Against Common Rice Diseases	Study Leader- G.G. Saldares	6/01/09- 5/31/2010
14.	Causal Model for the Academic Achievement of CMU Laboratory High School Students	Study Leader- V.B. Caro Co-Study Leader- N.P. Silvano Collaborators: - R.B. Gomez, J.J. Tan	6/01/09- 5/31/2011
15.	Employment Status of Bachelor of Science in Office Administration	Study Leader- T.F. Pepito Co-Study Leader- E.A.A. Bercero Collaborators: A.G. Azuelo, Ma.P.S. Sajulga	6/01/09- 5/31/2010



Physico-Chemical and Microbiological Evaluation and Shelf-life Studies of Cottage Cheese from Goat's Milk



Saponins in Forage and Helminths of Backyard Goats Raised by Selected Farmers in Maramag, Bukidnon

Table 2. List of On-going Researches funded from External Studies

NO	RESEARCH TITLE	RESEARCHERS	SOURCE OF FUNDING	DURATION
1.	Efficacy of Some Medicinal Plants Used For The Treatment Of Swine And Cattle Diseases In Selected Areas In Bukidnon Through Morpho-Histochemical Tests And Bioassay	Study Leader- C. B. Amoroso, Co-Study Leader- L.T. Simborio, L. A. Samaniego &D. P. Buenavista	NRCP	Continuing
2.	Multi-location Adaptation Trial for Inbred Rice	Dr. E. A. Dispo	PhilRice	Continuing
3.	Supply Chain Improvement for Fresh Vegetables In Selected Areas in the Philippines, Phase I: Evaluation Research	Project Staff- Dr. Ma. L. R. Soliven Collaborators- Dr. A. L. Deriada	PCARRD Grants-in-Aid (GIA)	Continuing
4.	Performance Evaluation of Sweet Sorghum Lines for Bio-ethanol and Grains Under Different Ecological Zones	Study Leader-Dr. D. M. Vallador, Sr. Collaborators-Dr. A.R. Aradilla & Dr. M.E.B. Detalla	DOST-PCARRD	Continuing
5.	Integrated R & D Programs on biofuels	Project Staff- Dr. L. M. Cabahug	DOST-PCARRD	Continuing
6.	Agribusiness Research and Development Program for Crop-livestock Industry in Mindanao/Micro Financing Project for Goat and Selected Vegetable Farmers in Mindanao	Project Leader- Dr. A.L. Deriada	CHED	Continuing

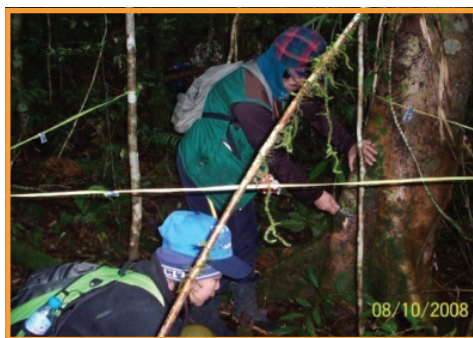


Harvesting and weighing of sweet sorghum

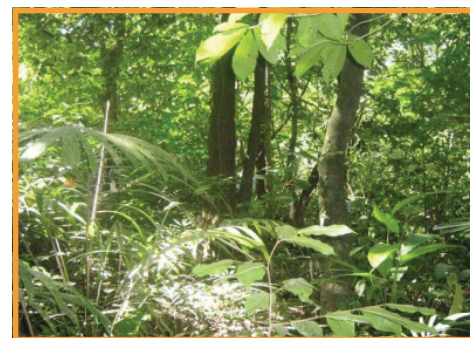
Table 3. List of Completed Researches funded by the University from January to December 2009

NO	RESEARCH TITLES	RESEARCHERS
1.	Project: Hybrid-GIS-Based Comprehensive Characterization of Mt. Musuan and Its Buffer Zone at Maramag, Bukidnon, Philippines (3 years) Study 1. Hybrid-GIS-Based Comprehensive Bio-Physical Characterization of Mt. Musuan and Its Buffer Zone Study 2. Hybrid-GIS-Based Comprehensive Socio-Economic Characterization of Mt. Musuan and Its Buffer Zone. Study 3. Long-Term Assessment of a One-Hectare Permanent Plot Within the Forest Area of Mt. Musuan Zoological and Botanical Garden at the Base of Mt. Musuan.	Project Leader- Dr. R.G. Villar Study Leader -1 Dr. R.G. Villar Study Leader 2- Dr. J.H.P. Patricio Study Leader 3- Dr. V.B. Amoroso Collaborators-For L.G. Aribal & Prof. H.P. Lumista
2.	Long Term Use of Organic Fertilizer on a Soil Grown to Paddy Rice	Study Leader- Dr. C.M. Duque Sr. Collaborator- G.S. Yadao
3.	Project: Monitoring and Ex-situ Conservation of Mammals, Birds, Reptiles and Amphibians in Mt. Musuan and Nearby Vegetation Patches, Musuan, Maramag, Bukidnon Study 1. Monitoring and Ex-situ Conservation of Reptiles and Amphibians in Mt. Musuan and Nearby Vegetation Patches, Musuan, Maramag, Bukidnon Study 2. Monitoring and Ex-situ Conservation of Birds and Mammals in Mt. Musuan and the Nearby Vegetation Patches, Musuan, Maramag, Bukidnon	Project Leader- Dr. A.B. Mohagan Study Leader 1- Dr. A.B. Mohagan Co-Study Leader 2- Prof. H.C. Porquis Study Leader- Dr. L.D. Obsioma-
4.	Diversity and Ecological Status of Bryophytes in Mt. Kitanglad, Bukidnon	Study Leader- Dr. A.G. Azuelo Collaborator- Prof. L.G. Sariana
5.	Project: Bamboo Research Development Project in Priority Riparian Zones and Selected Areas Within the Titled Lands of Central Mindanao University, Musuan, Bukidnon, Philippines Study 2. Growth Performance of Propagated Cuttings of Giant Bamboo (<i>Dendrocalamus asper</i>) in Field Trial Plantings	Proj. Leader & Study Leader (Study 2)- Dr. R. G. Villar Collaborator-For. A. S. Olpenda &For. L. G. Aribal
6.	Breeding for High Seed Yield and High Seed Protein Concentration in Soybean (<i>Glycine max</i> (L.) Merrill) (Phase I)	Study Leader- Dr. J.M. Jamago
7.	Assessment of the Carbon Sequestration Potential of Benguet Pine (<i>Pinus kesiya</i>) Plantation in Bukidnon, Philippines	Study Leader- Dr. J.H.P. Patricio Collaborator- For. A.M. Tulod
8.	Inventory, Database, and Documentation of Cultural Artifacts of the Central Mindanao University Anthropological Museum	Study Leader-Dr. V.J. Suminguit
9.	Project Title: Phytochemical and Antimicrobial Screening of Selected Plants in Bukidnon Study 1. Phytochemical and Antimicrobial Analysis of the Various Parts of Bilat-bilat (<i>Teramnus labialis</i>) Study 2: Phytochemical and Antimicrobial Analysis of the Various Parts of Kambali (<i>Hyptis capitata</i> Jacq.) Study 3: Phytochemical and Antimicrobial Analysis of the Various Parts of Wedelia Creeping (<i>Wedelia trolobota</i>) Study 4:Phytochemical and Antimicrobial Analysis of the Various Parts of Bikas (<i>Mikania cordata</i>) (Burm	Project Leader- Prof. A.C. Bojo Study Leader- Mr. F. E. Coludo Study Leader- Ms. G.J.D. Baltazar Study Leader- Prof. N.C. Lastimosa Study Leader- Prof. E.O. Buncales Study Leader- Prof. E.B. Famador Study Leader- Ms. M.M. Enot

	F.) Study 5: Phytochemical and Antimicrobial Analysis of the Various Parts of Alim (<i>Melanolepis multiglandulosa</i>) Study 6: Phytochemical and Antimicrobial Analysis of the Various Parts of Aliyopyop (<i>Altemanthera dentate</i>) Study 7: Phytochemical and Antimicrobial Analysis of the Various Parts of Tambis (<i>Syzygium samaragense</i>) Study 8: Phytochemical and Antimicrobial Analysis of the Various Parts of Labnog (<i>Ficus hauili</i>)	Study Leader- Prof. M.R.B. Nuenay Study Leader- Ms. G.V. Batoy
10.	Evaluation of the CMU Website	Study Leader- Prof. A.S. Villamor Co-study Leader- Mr. Lorei M. Cagalitan
11.	Teacher/Student Profiling: A Projection Model	Study Leader- Dr. R.C. Orongan Co-Study Leader- Prof. L.B. Ledres Collaborators- Prof. A.S. Villamor & Mr. Neal Quizon
12.	Intellectual Development, Learning Styles and Approaches to Learning of Engineering Students: A Causal Model on the Academic Performance in Algebra	Study Leader- Dr. N.I. Prado Co-study Leader- Dr. R.C. Orongan Collaborators -Prof. L.M.C. Acma & Prof. L.N. Romero
13.	Analysis of Learning Information Technology Computer Skills of College Students of Central Mindanao University	Study Leader-Mr. E.A.A. Bercero Co-study Leader-Prof. P.S. Sajulga



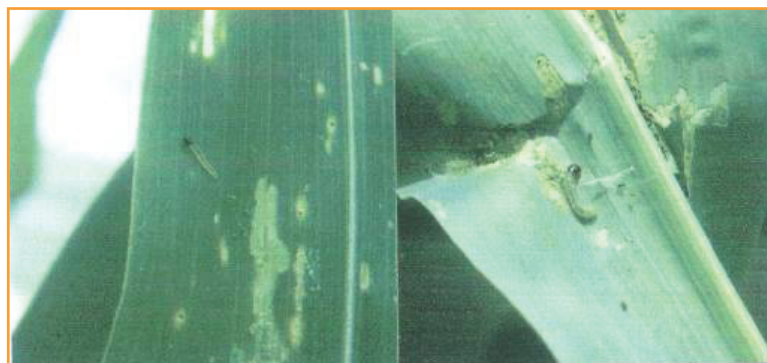
Diversity and Ecological Status of Bryophytes in Mt. Kitanglad, Bukidnon



Long-Term Assessment of a One-Hectare Permanent Plot Within the Forest Area of Mt. Musuan Zoological and Botanical Garden at the Base of Mt. Musuan.

Table 4. List of Completed Research Studies funded from External Sources

NO.	RESEARCH TITLE	RESEARCHERS	SOURCE OF FUNDING
1.	Field Reactions of Selected Corn Varieties to Different Asian Corn Borer, <i>Ostrinia furnacalis</i> (Guenee) Population	Study Leader- Dr. M.G. Ballentes	DA-BAR
2.	Enhancing Maize Productivity in Drought-Prone Environments in East and Southeast Asia	Prof. N.B. Baldo	CIMMYT-BAR through UPLBFI



Field Reactions of Selected Corn Varieties to Different Asian Corn Borer, *Ostrinia furnacalis* (Guenee) Population (Leaf feeding damage of the Asian corn borer at early vegetative stage of corn)

Table 5. Awardees during the Annual In-house Review & Evaluation on on-going and Completed Researches on June 25-26, 2009 at the Farmers Training Center, CMU.

A. Winning Papers and Presenter for Completed Research Category

RANK	RESEARCHERS	RESEARCH TITLES
1 st	Dr. V.B. Amoroso, Dr. R.G. Villar, For. L.G. Aribal, Ms. K.A. Flores,	Diversity and Assessment of Plants in One-Hectare Plot in Mt. Musuan, Maramag, Bukidnon.
2 nd	Dr. V. J. Suminguit	Inventory, Database, and Documentation of Cultural Artifacts of the Central Mindanao University Anthropological Museum
3 rd	Dr. A.G. Azuelo, Ms. L.G. Sariana, Ms. M.P. Pabualan	Diversity and Ecological Status of Bryophytes in Mt. Kitanglad, Bukidnon

B. Winning Papers and Presentors for the On-going Research Category

RANK	RESEARCHERS	RESEARCH TITLES
1 st	Dr. V.B. Amoroso, Prof. S.H. Laraga, Mr. R.J.N. Dopenio	Inventory and Assessment of Plants in Mt. Kitanglad
2 nd	Dr. D.M. Vallador, Sr., Dr. M.E.B. Detalla, Dr. A.R. Aradila	Field Performance Evaluation of Sweet Sorghum Lines for Bio-ethanol and Grains Under Different Ecological Zones.
3 rd	Dr. C.B. Amoroso, Dr. L.T. Simborio, Dr. L.A. Samaniego, & Mr. D.P. Buenavista	Efficacy of Some Medicinal Plants for the Treatment of Swine and Cattle Diseases in Selected Areas in Bukidnon through Morpho-Histochemical Tests and Bioassay

C. Winning Papers and Presentors for the Development (Completed and On-going) Category

RANK	RESEARCHERS	RESEARCH TITLES
1 st	Dr. V.B. Amoroso, For. B.O. Daba, Mr. E.O. Pito, Dr.A.V.D. Berg, Dr. A. Stortelder, Dr. C.B. Amoroso	Mt. Malindang Rainforestration Project: From Research to Development
2 nd	Dr. E.T. Baltazar, Dr.M.L.B. Montemayor, Dr. J.A. Escarlos Jr., Dr. A.G. Juan Dr. R. V. Villorejo, Dr. P.R. Orbase, Dr. H.M. R. Boloron, Dr. R.H. Destajo, Dr. J.M. Obedencio, Jr.	Barangay Integrated Veterinary Assistance Project (BIVAP) for Barangay Dologon
3 rd	Dr. A.M. Penaso, Dr. J.D. Intong Dr. E.S. Damag	Adoption of Integrated Vegetable-Agroforestry (VAF) Sytem Among Smallholder Upland Farmers in the Philippines

D. Dissertation Category: Best Dissertation

RANK	RESEARCHERS	RESEARCH TITLES
1 st	Dr. Leo G. Labrador	Eye Movement Desensitization and Reprocessing-Integrative Group Intervention Among Children Victims of Armed Conflict in Mindanao



E. Poster Paper Category

RANK	RESEARCHERS	RESEARCH TITLES
1 st	Dr. Victor B. Amoroso, Mr. Roland Jed N. Dopenio	Assessment and Distribution of Orchids in Hamiguitan Range Wildlife Sanctuary in Davao Oriental
2 nd	Mr. Ehlrich Ray J. Magday, Ms. Roselyn Grace Montecillo, Dr. Andrea G. Azuelo, & Ms. Melanie P. Pabualan	Lichen Flora of Mt. Kitanglad
3 rd	Dr. Alma B. Mohagan, Ms. Tigga Kingston, Mr. Dave P. Mohagan & Mr. Dave P. Buenavista	Vertical Stratification of Bats Along Tree Heights and Across Vegetation Types in Mt. Gamtago, Balut

Table 6. Awardees during the 21st NOMCARRD Regional R & D Symposium Highlights at Pearlmont Inn, Cagayan de Oro City on August 6-7, 2009.

A. Research Category (Non-AFNR or Non-Agriculture, Forestry, and Natural Resources)

Research Category (AFNR)

RANK	RESEARCHERS	RESEARCH TITLES
1 st	Andrea G. Azuelo	Diversity and Ecological Status of Bryophytes in Mt. Kitanglad, Bukidnon
2 nd	Victor B. Amoroso, CMU	Diversity and Assessment of Plants in One-Hectare Plot in Mt. Musuan, Maramag, Bukidnon
3 rd	Manolito M. Pasco, DENR-ERDS 10	Vulnerability Assessment of Bubunawan River Watershed

Research Category (NON-AFNR)

RANK	RESEARCHERS	RESEARCH TITLES
1 st	Dr. Vellorimo J. Suminguit	Inventory, Database, and Documentation of Cultural Artifacts of the Central Mindanao University Anthropological Museum
2 nd	Mr. Veberlino T. Yamut - LDCU	Ritual Dances of T'boli
3 rd	Engr. Alex L. Maureal and Arch. Ernest Martin O. Soriano - MUST	Speech Intelligibility Assessment of Existing Gymnasium in Cagayan de Oro City: A Sound Reinforcement System

Development Category (AFNR)

RANK	RESEARCHERS	RESEARCH TITLES
1 st	Emmanuel T. Baltazar	Barangay Integrated Veterinary Assistance Project (BIVAP)
2 nd	Cora A. Dumayaca - DA-NOMIARC	Expanded Corn Technology Showcase Program in Anlutan, Cabanglasan: A Successful Community-Based Participatory Action Research (CPAR)
3 rd	Alita Openiano - MSU-Naawan	Sustainable Fisheries Management Program for Lake Mainit: Socio-Economic Profile and Fisheries-Related Issues

Development Category (NON-AFNR)

RANK	RESEARCHERS	RESEARCH TITLES
1 st	Dexter S. Lo - XU	Disaster Risk Mapping of Barangay Carmen: Flood and Fire
2 nd	Wilson O. Tablan -LDCU	Flexural Strength of Concrete Beams Containing Twinned Coconut Fibers
3 rd	Nolan D. Caliao o- MUST	Techno-Economic Analysis in Choosing the Best Mix of Power Generation

Dissertation/ Thesis Category

RANK	RESEARCHERS	RESEARCH TITLES
1 st	Lynnette A. Ejem -BSU	Lichen Flora of Mt. Kalatungan, Bukidnon and Mt. Malindang, Misamis Occidental
2 nd	For. Belen O. Daba - DENR	Rapid Resources Assessment of the Seascape of Initao-Libertad Protected Landscape and Seascape: Basis for Planning and Management of Marine Environment in the Park
3 rd	Warren Luzano -MOSCAT	Small-sample Statistical Properties of Correlation Contrast Function Used in Kernel Independent Component Analysis



The Winning Papers and Presentors/Researchers during the 21st NOMCARRD Regional R & D Symposium

Technical Poster Category

RANK	RESEARCHERS	RESEARCH TITLES
1 st	Victor B. Amoroso, et.al - CMU	Assessment and Distribution of Orchids in Hamiguitan Range Wildlife Sanctuary in Davao Oriental
2 nd	Glaiza Rubi, et.al - MUST	Heavy Metal Determination on Cashew Nut Shell (<i>Anacardium occidentale</i>) Waste: A Potential Renewable Energy for Sustainable Environment
3 rd	Ehlich Ray J. Magday, et.al - CMU	Lichen Flora of Mt. Kitanglad

Table 6. Awardees during the 21st NOMCARRD Regional R & D Symposium Highlights at Pearlmont Inn, Cagayan de Oro City on August 6-7, 2009.

TITLE OF TRAINING	DATE & VENUE	PARTICIPANTS			No. of Barangays
		M	F	T	
CMU COMBASUDEP					
1. Training on Values Clarification & Gender Sensitivity	March 19,2009; Dologon	5	3	8	1
2. Training on Energy Conservation & Safety Tips/ Precautions at Home	April 28, 2009; Dologon	0	13	13	1
3. Training on Community-based Monitoring of Physico-chemicals of water system	April 28, 2009; Dologon	7	5	12	1
4. Sports & Recreational Devt Program	January 11,2009;Dologon	18	4	22	1
5. Sports & Recreational Devt Program	January 25, 2009;Dologon	10	0	10	1
6. Training on Culinary Arts	March 30, 2009;Dologon	0	19	19	1
7. Training on Table Presentation and Table Etiquette	March 30, 2009; Dologon	0	19	19	1
8. Training on Maternal & Child Care	March 15, 2009	0	15	15	1
9. Training Seminar on Drug in the Feed & Water & Weight Estimation and Proper Humane Handling of Animals	February 25, 2009;Dologon	12	11	23	1
CMU-BIDANI					
10. Small Dose Training for BNS	January 12, 2009;Valencia City	0	49	49	
11. Small Dose Training for BNS	February 9, 2009; Valencia City	0	58	58	
12. Training on Cash on Trash (recycling)	May 8, 2009; Purok 19, Dologon	1	13	14	
13. Training on Cash on Trash (recycling)	May 12, 2009; Purok 19, Dologon	0	14	14	
14. Training on Cash on Trash (recycling)	May 14, 2009; Purok 19, Dologon	1	13	14	
15. Training on Cash on Trash (recycling)	May 20, 2009; Purok 19, Dologon	1	4	5	

Entrepreneurial Project for Homemakers & OSY					
16. Training on Sustainable Goat & Vegetable Prod & Mgt	March 28, 2009; Capitan Juan, Lantapan, Buk	13	43	56	
17. Training on Sustainable Goat & Vegetable Prod & Mgt	April 27, 2009; Buda, Davao City	18	20	38	
18. Flower Making	February 18, 2009; Purok 19, Dologon	1	11	12	
19. Corsage & Lei Making	March 3009; Purok 19, Dologon	1	11	12	
20. Flower Making	February 27, 2009; San Fernando, Buk.	27	34	61	
21. Corsage & Lei Making	February 28, 2009; San Fernando, Buk.	27	34	61	
22. Flower Making	March 18, 2009; Sumilao, Bukidnon	1	9	10	
23. Corsage & Lei Making	March 19, 2009; Sumilao, Bukidnon	1	9	10	
24. Food Processing & Preservation	March 9, 2009; Libertad, Quezon, Buk	40	-	40	
25. Vermiculture & Vermi-composting	March 31, 2009; CMU	9	2	11	
26. Flower Making	April 20-21, 2009; Kibawe, Bukidnon	2	20	22	
27. Corsage & Lei Making	April 23-24, 2009; Kibawe, Bukidnon	2	22	24	
28. Bamboocraft	April 27-29, 2009; Kibawe, Bukidnon	2	19	21	
29. Meat Preservation & Processing	April 16-17, 2009; Kibawe, Bukidnon	2	26	28	
30. Meat Processing	May 15, 2009; Butong, Quezon, Bukidnon	0	23	23	
31. Candy Making	May 12, 2009; Libertad, Quezon, Bukidnon	0	18	18	
32. Banana Chips Making	June 4, 2009; San Roque, Quezon, Buk.	0	19	19	
33. Coconut Cookies Making	June 5, 2009; Cebole, Quezon, Buk	0	28	28	
34. Food Processing & Preservation	May 3, 2009; CMU	0	12	12	
35. Décor Making	May 11-15, 2009; CMU	1	11	12	
36. Vermi Culture & Vermi composting	May 26, 2009; CMU	9	5	14	
37. Vermi Culture & Vermi composting	May 26, 2009; CMU	2	2	4	

Table 6. Awardees during the 21st NOMCARRD Regional R & D Symposium Highlights at Pearlmont Inn, Cagayan de Oro City on August 6-7, 2009.

TITLE	PROPOSER/PROPOSER'S	DURATION & VENUE	BUDGETARY REQUIREMENTS			
			Supplies/ materials	Travel	Honorarium	TOTAL
COMMUNITY-BASED SUSTAINABLE DEVELOPMENT PROGRAM (COMBASUDEP) – Dologon, Bukidnon						
COLLEGE OF AGRICULTURE						
Project: CA- Livelihood Development Project I	Project Leader:	One year,			P14,400.00	P53,800.00
Studies:	Dr. Annie L. Deriada	Dologon				
I.Capability Enhancement on Animal	Study Leaders:					
Production & Enterprise Development	Dr. Julnar Pepito	6 months	P1,500.00	P200.00	P3,600.00	
II.Capability Enhancement on Organic Farming	Dr. NDaquiado/Prof.	6 months	P1,500.00	P200.00	P3,600.00	
Production & Enterprise Development	PBugayong					
III. Monitoring, Evaluation, Technical &		One year	P20,100.00	P1,500.00	P7,200.00	
Business Management Advisory Services	Dr. RL Intong/Mr. King Jehu					
	Q. Radaza					
		Sub-total	P23,100.00	P1,900.00	P28,800.00	P53,800.00
COLLEGE OF HOME ECONOMICS						
Project:	Project Leader:	One year,			P14,400.00	P41,400.00
College of Home Economics Entrepreneurial	Mrs. Rubie A. Arroyo	Maramag &				
Skills Development Project (CHEES-DEP)		Valencia City				
Studies:	Study Leaders:					
I. Skills Development in Baking	Prof. DJoy S. Oledan/Dr.	4 months	P6,500.00	P200.00	P2,400.00	
II. Skills Development on Meat Preservation &	NMacarayan	4 months	P8,300.00	P500.00	P2,400.00	
Processing	Prof. JS Valmorida/Ms. QAL					
III. Skills Development on Food & Beverage	Curayag	4 months	P5,000.00	P500.00	P1,200.00	
Services						
	Ms. Rachel Gaye O. Blanco/					
	Rubie A. Arroyo					
		Sub-total	P19,800.00	P1,200.00	P20,400.00	P41,400.00
COLLEGE OF VETERINARY MEDICINE						
Project:	Project Leader:	One year,			P14,400.00	P74,550.00
Brgy. Animal Health Worker Development	Dr. Emmanuel T. Baltazar	Panadtalan				
Project (BAHWDP)						
Studies:	Study leaders:					
I.Capability Building on Basic Animal Health	Dr. MLB Montemayor/Dr. JA	One year	P14,000.00	P2,000.00	P7,200.00	
Care	Escarlos,					
II. Barangay Veterinary Clinic	Jr.	One year	P7,000.00	P2,000.00	P7,200.00	
III. Animal Welfare Promotion	Dr. AG Juan.Dr. RV Villorejo	One year	P5,000.00	P350.00	P7,200.00	
IV. Effectiveness Evaluation	Dr. JM Obedencio/Dr. RH	One year	P1,000.00		P7,200.00	
	Destajo					
	Dr. PR Orbase/Dr. HMR					
	Boloron					
		Sub-total	P27,000.00	P4,350.00	P43,200.00	P74,550.00

COLLEGE OF EDUCATION						
<u>Project:</u> Mentoring Assistance for Community Empowerment (MACE) <u>Studies:</u> I. Sports & Recreational Development Program (Martial Arts) II. Department-based Continuing Management Education Mentoring Assistance	<u>Project Leader:</u> Prof. MPS Sajulga	One year, Southern Bukidnon			P14,400.00	P56,876.00
	<u>Study leaders:</u> Prof. Antonio M. Galia	One year	P10,900.00		P7,200.00	
	<u>Collaborators:</u> Mr. Cloyd Dalay/Francisco Talle, Jr.	One year	P17,179.00		P7,200.00	
	<u>Study leaders:</u> Mr. EAA Bercero/Dr. TF Pepito <u>Collaborator:</u> Dr. AG Azuelo					
		Sub-total	P28,079.00		P28,800.00	P56,879.00
COLLEGE OF ARTS & SCIENCES						
<u>Project</u> Using Content-based & Interdisciplinary Approaches in Teaching Elem Subjects (CBIDATES) in the Division of Bukidnon I. Communication Process & the Use of Structured Learning Activities for Effective Teaching II. Enhancement of Elem School Teachers Pedagogical Skills:DepEd Prototype-based Materials III. Developing Teachers' Delivery System in using Content-based Instruction & Active Learning Approaches in Teaching Science IV. Enhancing Teachers' Pedagogical Skills using Content-based Instructional Approaches V. Strengthening Content-based Instructional Skills of Science Teachers in Elem School VI. Strengthening Mentoring Competence of Elem School Teachers in Teaching Social Studies based on Interdisciplinary Approach	<u>Project Leader:</u> Prof. Estrella D. Alfabeto	One year, DepEd Valencia City			P14,400.00	P120,400
	<u>Collaborators:</u> Ms. AS Calimbo/Prof. NT Morales/Ms. OPP Talle/Mr. AM Bayron/Ms. AB Sususco/Ms. SRVB Olaya/Ms. MD Prantilla/Ms. EB Lopez	One year	P14,000.00		P7,200.00	
	<u>Study Leader:</u> Prof. Estrella D. Alfabeto	One year	P14,000.00		P7,200.00	
	<u>Collaborators:</u> Prof. EO Ferma/Prof. SH Abbu/Prof. F Mantong/Ms. Freddielyn Bulasa	One year	P9,000.00		P7,200.00	
	<u>Study Leaders:</u> Ms. Rudjia Faith T. Anino Ms. Alisa M. Cabacungan Prof. Cecilia Bucayong	One year	P8,000.00		P7,200.00	
		One year	P16,000.00		P7,200.00	
	Prof. Letecia J. Tan	One year	P9,000.00		P7,200.00	
	Ms. Socorro H. Laraga/ Dr. Laura D. Obsioma Ms. Marjorie T. Sobradil/ Ms. Angelita I. Jacobe					
		Sub-total	70,000.00		P50,400.00	P120,400

COLLEGE OF FORESTRY							
<u>Project</u> Participatory Community-based Natural Resource Conservation along Identified Resource Areas of Dologon	<u>Project Leaders:</u> Prof. Marina J. Segumpan/Dr. Laarni F. Lacandula	One year Dologon			P14,400.00	P41,300.00	
<u>Studies:</u> I. Participatory Rapid Orientation on TreePlanting	<u>Study leaders:</u> Fors. Rodriga	One year	P9,000.00	P250.00	P7,200.00		
II. Landscaping around Valuable Structure (LAVS)	Aguinsatan/Mark Jun Rojo Fors. Lowell G. Aribal/Reymar E. Baculio	One year	P3,000.00	P250.00	P7,200.00		
		Sub-total	P12,000.00	P500.00	P28,800.00	P41,300.00	
COLLEGE OF NURSING							
<u>Project:</u> Community Health Enhancement	<u>Project leader:</u> Ms. Caesarlica S. Minguita/Mrs. Risa V. Barrita	One year Dologon			P14,400.00	P41,400.00	
<u>Studies:</u> I. Maternal and child health nursing: A wellborn & a born-well scenario	<u>Study leaders:</u> Ms. Caesarlica S. Minguita/Donald G. Camatura	6 months 6 months	P10,000.00 P10,000.00	P1,500.00 P1,500.00	P1,800.00 P1,800.00		
II. Health promotion & disease prevention through people's advocacy, support and empowerment	Ms. Caesarlica S. Minguita/Ms. Pilar V. Domagsang						
		Sub-total	P20,000.00	P3,000.00	P18,000.00	P41,400.00	
CMU-DAR MINDANAO SUSTAINABLE SETTLEMENT AREA DEVELOPMENT (CMU-DAR MINSSAD) – Maramag, Pangantucan & Kalilangan, Bukidnon							
Small-holder Dairy Project	Dr. Reynaldo L. Intong Dr. Jose Alexander C. Abella Prof. Ramon C. Taal Prof. Arturo R. Bugayong	One year continuing				P30,000.00	
Techno-demo on Goat Purebreeding & Production	Prof. Valentino M. Ungab Dr. Jose Alexander C. Abella	One-year, Continuing				P1,124,390.00	
NEDA KR2 - Maramag & Pangantucan, Bukidnon							
Small-scale Processing of Dairy By-Products P	Dr. Nerissa A. Macarayan Prof. Jose S. Valmorida Prof. Lilia M. Baja Prof. Divine Joy S. Oledan Ms. Queenie L. Curayag	One year, continuing					
KFCRD CMU-DAR INTEGRATED AGRICULTURAL DEVELOPMENT PROJECT – Maramag, Quezon, Kaliilangan & Sumilao, Bukidnon							
Goat Upgrading	Prof. Armida B. Baliuig						
Organic Rice	Prof. Lucrecia B. Canete						
Handicraft	Prof. FL Cordero						
Rice Milling	Prof. Michaela G. Resus						

CMU BARANGAY INTEGRATED DEVELOPMENT APPROACH FOR NUTRITION REHABILITATION (BIDANI) – Damulog, Don Carlos, Kibawe							
a. Barangay Integrated Development Approach	Ms. Helen E. Panganiban						
b. Participatory Domiciliary Nutrition Rehabilitation	Ms. Helen E. Panganiban						
c. Barangay Information System	Ms. Honrada P. Yecyec						
d. Natural Resource Management	Ms. Honrada P. Yecyec						
ENTREPRENEURIAL PROJECT FOR HOME MAKERS & OSY – Bukidnon province							
Handicraft	Prof. Filipinas L. Cordero						*
Food processing & preservation	Prof. Vicky Shelly R. Chio						*
TECHNOLOGY PACKAGING							
IEC materials development	Ms. Ele D. Lunzaga						
Publication	Ms. Ele D. Lunzaga						
INFORMATION DISSEMINATION							
Info-drives of CMU generated Tech & other Commodities	Ms. Ele D. Lunzaga						
CMU-CHED UNLAD – Dologon & CMU							
Dologon Technology Park	Dr. Agripina R. Aradilla						
CMU Vegetable Technology Park	Prof. Reymon P. Ruba						P38,000.00
Farmers' Reading & FITS Center	Ms. Ele E. Dinampo						
KAABAG PUBLICATION							
Kaabag Publication	Ms. Ele E. Dinampo Dr. Agripina R. Aradilla/Prof. AB. Baliquig						
EXPERT & ADVISORY SERVICES							
Agriculture Arts & Sciences Forestry Home Economics Education Commerce & Accountancy Nursing Engineering Veterinary Medicine	Dr. Annie L. Deriada Dr. Laura D. Obsioma Prof. Marina J. Segumpan Prof. Baja Prof. Irene Gladys Sahagun Prof. Maria Pureza Sajulga Ms. Ceasarlica S. Minguita Prof. Arman T. Gascon Dr. Emmanuel T. Baltazar						*
Project CLAIMS							
BTL & IPS	Dr. Agripina R. Aradilla						P90,000.00

• incidental expenses were charged to requesting agencies or organizations

** expenses were charged to University Extension Trust fund and solicitations

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