



CPU Research NEWSLETTER

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CPU CBA, RCECC and URC hold International Research Conference



Delegates from all over the country participated in the 2018 CPU International Research Conference.

With the theme “Global Entrepreneurship: Innovation, Creativity, and Technology,” the Central Philippine University College of Business and Accountancy, together with the University Research and the Review, Continuing Education, and Consultancy Center, held an International Research Conference at the Educational Media Center on August 28-29, 2018.

Rev. Cris Amorsolo V. Sian, Senior Pastor, University Church, led the opening prayer. It was then followed by the welcome remarks given by CPU President, Dr. Teodoro C. Robles. In his message, Dr. Robles welcomed the guests and participants, “We’re happy that we [conducted again] this international conference. The first one was in November 2015 and we had an international conference with multi-disciplinary topics and we have started putting it in publications for our international journal.” He also highlighted the importance of sharing ideas and output through the publication of research journals.

Dr. Florence P. Bogacia, Vice President, CPU Finance and Administration, gave the statement of purpose and order of presentation. Dr. Bogacia highlighted the importance of sharing research output as an integral part of higher education: “This conference will highlight two types of study: the business plan and

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the feasibility study. This conference on global entrepreneurship allows formal university exchanges. It is an invaluable response to academics who are documenting new business ventures. It provides a platform where students can advance their business ideas and illicit feedback from fellow students and gain valuable advice from faculty members and other people.”

Dr. Rowena M. Libo-on, Director, Transnational Programs and Acting Dean of the School of Graduate Studies, introduced the keynote speaker, Dr. Cho Jaehoon, Professor of the Industry University Collaborations, Linc+, Tongmyong University, Busan, South Korea.

In his message, Dr. Jaehoon talked about the economic development of South Korea and the entrepreneurship education offered by Tongmyong University. He also emphasized the importance of global competitiveness in opening various employment opportunities in various industries.

Presenters in the conference during the first day included the following: Jessica Aliana S. Habunal from CPU talked about “Feasibility Study of Food Kiosk at University Belt of Iloilo Science and Technology University”; Rae Marie G. Leong-on from CPU discussed “Dream Tea”; Hasuka Suematsu from Fukuoka University, Japan discussed his small business model Furnishings: The Japanese Model”; Krista Joy D. Lenaming, Leo Sim C. Soldevilla, and Jenry B. Yu from CPU talked about “A Reverse Tuck-end Folding Carton Package Development for Eraser Green Soap Manufactured by Mikay Organics, Hinoba-an, Negros Occidental, Philippines”; Anneline L. Palmaira from CPU discussed her study “Diet Ko”; Moon Kyeong Ryeol from Tongmyong University, Busan, South Korea talked about “International Marketing through YouTube reaction Video”; Angela D. Besiño and Karenina P. Depamaylo from CPU discussed “GDT Trucking Service Feasibility Study.”

During the second day of the conference, Prof. Ma. Cora E. Biton from the Iloilo Science and Technology University presented her study



entitled “State of Entrepreneurship among Business Schools in Iloilo City: Basis for Developing a Sustainable Entrepreneurship Program”; Dr. Anwarul Wadud from Philippine Christian University talked about “Bangladeshi in the Philippines: Their Career Growth and Development”; Dr. Myrna T. Luceño, Dr. Armando M. Hisuan Jr. and Prof. Mary Ann C. Garrido from CPU discussed their study entitled “Indigenous Cooking Methods and Practices in Central Panay”; Dr. Thi Gam Nguyen, Dr. Thi Thanh Huyen Ta from Thai Nguyen University, Thai Nguyen, Vietnam and Le Huyen Trang from Thang Long University, Hanoi, Vietnam presented their study “Applying the Structural Equation Model to Analyze the Impact of Retail Service Quality on Customers’ Satisfaction and Customer Loyalty in Hanoi Supermarkets”; Dr. Mark Lister F. Opiña from CPU shared the output of his study “Human Resource Management and Extent of Organizational Innovation Practices among Public & Private Hospitals in the Island of Panay: Their Implications on Organizational Efficiency”; Dr. George R. West from Regent University, Virginia, USA talked about his study, “Examining the Relationship Between Entrepreneurial Orientation and Organizational Performance: The Moderating Role of Organizational Learning”; Dr. Narciso Immanuel C. Managuelod from Philippine Christian University presented his study “Strategic Model in Enhancing Communities on Social and Economic Development through Cooperatives in the Province of Isabela”; Atty. Saalex E. Alibogha, Dean, CPU College of Nursing presented his study “Project Entrepreneurship: Demystifying Entrepreneurial Mind in the Nursing Profession” and Dr. Ian B. Arcega from Capiz State University who talked about “Tryk Technology: A Student Enterprise Partnership at CAPSU, Capiz Province, Philippines.” *

Strengthening University Leadership Through Basic Supervisory Training



Participants from different departments and units of the university after the success of the training.

Implementation of K-12 has brought considerable impact upon the education sector through transition in leadership. Christian institutions like Central Philippine University are in need of exemplary leadership training especially for supervisors (administrators, unit heads). Supervisory development program like motivating, delegating, employee discipline, resolving conflict and providing feedback are necessary for leadership development. Aside from the above-mentioned programs, there are also new legal and other statutory and regulatory updates which unit heads need to be oriented on.

This orientation on Strengthening University Leadership Through Basic Supervisory Training addresses the needs specific to supervisory needs of the University interactive and experiential workshop sessions. The training was funded by United Board for Christian Higher Education in Asia (UBCHEA) and was facilitated by the Human Resource Development Office, Review, Continuing Education and Consultancy Center (RCECC). It was held on June 20-22, 2018 at the Educational Media Center Conference Room attended by 75 CPU academic and non-academic supervisors and unit heads. Speakers of the training are the heads of different departments of the University. Engr. Dimpna C. Castigador, Director of Office for Institutional Advancement talked about “Whole Person Education Starts with Me”. Prof. Rodel C. Palomar, Director, Human Resource Development Office, shared his knowledge on the Functions of a Supervisor. Dr. Mary O’ T. Penetrante, Acting Director of the University Research Center, discussed the topic on “Action Planning: Where Do I Go from Here”. RCECC Director, Dr. Lenny Rose P. Mucho, talked on “Motivating Myself and Others”. On the second day of the training, Dr. Merle L. Junsay, Dean of the College of Education, started the session with the topic on “Developing Others Through Delegation” followed by Rev. Joniel Howard H. Gico, Vice President for Student Affairs, with the topic on “Employee Discipline and Conflict Resolution”. In the afternoon, Dr. Florence P. Bogacia, Vice President for Finance and Administration, talked on “Listening to Others and Giving and Receiving Feedback” while “Labor Laws and other Legal Considerations for a Supervisor” was discussed by Atty. Salex E. Alibogha, Dean, College of Nursing. On the last day of training, Rev. Francis Neil G. Jalando-on, Director for Communications, shared about the “Biblical Perspective of Supervision and the Vision/Mission/Goals of CPU”. *

University Research Center Conducts Action Planning Workshop



In order to know where it is heading, the University Research Center once again conducted an action planning workshop for its URESKOM members for school year 2018 – 2019 on September 6, 2018 at the Function Hall of Tatoy's Manokan, Arevalo, Iloilo City.

The day started with the recognition of the 2017 – 2018 URESKOM members and presentation of the 2018 – 2019 URESKOM members. It was followed by a devotional, a tradition of the University, to guide the day's activity led by Ms. Marigold Jutare, the chair of the research evaluation committee. After which, the rigid planning workshop followed consisting of the setting of the objectives of the planning workshop, presentation of the URC strategic plans and accomplishments for SY 2017- 2018 with a validation of the challenges and risks of these plans and accomplishments, review and presentation of research agenda for SY 2018 – 2019 and validation of desired results (goals and objectives) and KPIs as well as identified strategies and activities. These mind-cracking activities were led by no less than the director of the URC, Dr. Mary O' Penetrante. The final stage of this planning workshop was the synthesis and next steps to be taken --- the commitment of each member to aspire, believe and commit to do and lead research activities which could elevate the participation of the faculty and staff in this endeavor. *

Dr. Fernandez presents at Bangkok, Thailand



CPU College of Arts and Sciences current Acting Dean, Dr. Stella G. Fernandez made it through to Bangkok, Thailand as she represents the Philippines as one of the oral presenters during the 27th Biennial Conference of the Asian Association for Biology Education "Biology Education for Future Asia" on November 30 to December 2, 2018 at The Emerald Hotel, Bangkok, Thailand. She presented their study on "*Terrestrial Macrophytes Assessment in Camp Higher Ground, Barotac Viejo, Province of Iloilo, Philippines*" with Prof. Ernesto S. Elefan, Faculty of Department of Life Sciences, as co-author.

Along with her are delegates from other countries; including Thailand, Singapore, Japan, Hong Kong, and India. *

Socioeconomic Research Portal for the Philippines (SERP-P)



SERP-P Network gears up for Industry 4.0. A total of 65 representatives from 32 partner-institutions in Luzon, Visayas, and Mindanao took part in the 5th Network Biennial Meeting of the Socioeconomic Research Portal for the Philippines (SERP-P) Project held on December 10, 2018, at the Philippine Institute for Development Studies (PIDS) in Quezon City with the theme “Gearing Up for SERP-P 4.0”. The purpose of the meeting was to review the progress of the SERP-P project implementation and plan. It was also aimed at strengthening the partnership in knowledge exchange among the 54 members of the SERP-P Network. To aid the participants in gearing up for Industry 4.0, resource speakers were invited to talk about innovations in digital technology and related issues. Ms. Luisa Gelisan, director of UP Open University’s (UPOU) Multimedia Center, focused on massive open distance e-learning (MODeL), the official massive open online courses (MOOCs) platform pioneered by the University. Discussing the evolution and development of MODeL, Gelisan noted that innovations in this area were influenced by the changing learning environment and needs, characteristics, and circumstances of the learners. The use of MODeL, she said, has widened the University’s reach especially outside the country. Meanwhile, Mr. Patrick Salamat, former communications Director at the Department of Education and currently consultant at NEDA, shared tips on how to use social media for knowledge dissemination. He encouraged the participants to maximize the use of social media in reaching their audiences, in amplifying other communication channels, and in gathering feedback. For her part, Atty. Josephine

R. Santiago, director-general of the Intellectual Property Office of the Philippines (IPOPHL), discussed issues on intellectual property which have become increasingly complex under Industry 4.0. A presentation on other PIDS initiatives in knowledge dissemination was also held during the lunch break. Dr. Aubrey Tabuga, Ms. Blesila Datu Mondez, and Mr. Arkin Arboneda from the Research Department conducted a demo on using the Economic and Social Database and the GIS. In her opening remarks, PIDS President Celia Reyes recognized SERP-P as a resilient knowledge network due to the strong partnership among the network members. “SERP-P can be considered a product of the information age in which the centerpiece is the concept of a knowledge-based economy. But it is even more than that. Because SERP-P promotes knowledge networking, it is also part of a network economy where the knowledge produced by its members are shared among and across various local and international networks,” Dr. Reyes added. Commenting on the theme, Dr. Reyes emphasized that as the Philippines enters the Fourth Industrial Revolution (FIRe), also known as Industry 4.0, digital technologies should be explored to produce smart and sustainable products and services that are also accessible to all segments of society. “We should be open to explore new things and be ready to learn, unlearn, and relearn. We should be open to collaborate with one another and with other sectors and stakeholders in generating new knowledge, in



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applying them, and in evaluating their usefulness,” Dr. Reyes concluded.

An interactive workshop followed. During the workshop, participants brainstormed on how to improve the SERP-P database, how to increase the number of SERP-P users, and how to further strengthen the SERP-P network. Recurring suggestions to enhance the SERP-P database included: to have an information kit with a guide on how to navigate the CMS, improve the search filtering feature of the website, improve the website analytics, provide a comment section or suggestion box for each material where users can post their feedback, and create a SERP-P mobile application. On encouraging more people to use SERP-P, participants suggested the continuous use of social media and encouraging partner-institutions to promote SERP-P in their respective institutions and networks. To strengthen the partnership among the network members, participants suggested having a Facebook group for more regular and frequent communication and conducting the SERP-P meeting annually instead of every two years with the hosting of the venue to be rotated among the partner-institutions. They also suggested promoting greater collaboration through the conduct of joint projects and activities. At the end of the meeting, 10 partner-institutions were given plaques of



recognition for being the most active SERP-P members from 2017 to 2018. The awardees are (1) Bangko Sentral ng Pilipinas (BSP), (2) Southeast Asian Regional Center for Graduate Study and Research in Agriculture (SEARCA), (3) Philippine Council for Agriculture, Aquatic and Natural Resources Research and Development (PCAARRD), (4) GIZ Philippines, (5) UPLB Center for Strategic Planning and Policy Studies (UPLB CSPPS), (6) AIM RSN PCC, (7) UP NCPAG, (8) FSI, (9) SEAMEO INNOTECH, and (10) Congressional Planning and Budget Research (CPBRD) of the House of Representatives. *

Medical Lab Students

Fred Ian Bantolio together with his group mate Vincent Ian Bibit of Central Philippine University, attended the Ideas Positive Youth Forum on Public Health and at the same time participated in the Health Research participants of the said event. They present their research entitled “Sugarcane (*Saccharum officinarum* Linnaeus var. CP-89-0214) Juice Extracts as Alternative Sugar Component of Culture Media for Fungi” at the Iloilo Convention Center, Iloilo City, Philippines last August 12-13, 2018, with the theme “From Local to Global: Engaging the Youth to Create Local Health Solutions with Global Impact”.



REFLECTIVE LEARNING AND PROSPECTIVE TEACHERS' CONCEPTUAL UNDERSTANDING, CRITICAL THINKING, PROBLEM SOLVING, AND MATHEMATICAL COMMUNICATIONS SKILLS

Merle L. Junsay and Edgardo P. Gerada

ABSTRACT

The objective of this quasi-experimental study was to investigate the effects of reflective journal writing to the students' critical thinking and mathematical communication skills. There were two teaching strategies under investigation in this study: the lecture-discussion approach and the reflective journal writing approach. A total of 60 participants, 30 prospective teachers from two comparable classes underwent the two teaching approaches. The students' critical thinking and mathematical communication skills were measured using researcher-made tests, which were content-validated and reliability tested. The lecture-discussion approach involved five phases: introduction, presentation, comprehension monitoring, integration, and review and closure. The reflective journal writing approach involved initializing, exploring, and connecting processes. Findings revealed that the performance of students in mathematical communication skills exposed to reflective journal writing approach was significantly higher than the performance of students exposed to the lecture-discussion approach. In contrast, there was no significant difference in the mean gain scores in critical thinking for both lecture-discussion and reflective journal writing groups.

COMPARISON OF HEAVY METALS IN SALT

*Jun Ozbert M. Haguisan and
Ann Marie P. Alguidano*

ABSTRACT

Eating food contaminated with heavy metals could lead to poisoning, long term health problem and even death. One common substance needed for food preparation is salt. Salt can be mined as rock salt or harvested from the sea by evaporating the sea water. Salt can contain heavy metals. This study aimed to determine quantitatively the cadmium, manganese, lead and copper content of sea salt, sea water source and iodized salt. The sea salt and sea water samples were taken from four locations in Iloilo which have salt industry. Iodized salt samples were purchased locally from different grocery stores located in the city of Iloilo. Results revealed that cadmium content in both sea salt, sea water source and iodized salt was beyond the allowable limits set by DENR, CODEX and WHO. Manganese in sea salt exceeded the allowable limits. Lead exceeded the allowable levels in sea salt and some in sea water source while lead was not detected in iodized salt. Copper was above the allowable limits in sea water source and only on Site C sea salt sample while the iodized salt did not exceed the limits for copper set by DENR, CODEX and WHO.

IMPACT STUDY ON THE CPU INTEGRATED OUTREACH ACTIVITY FOR BRGY. Ilongbukid, San Rafael, Iloilo

Aries Roda D. Romallosa, Hope G. Patricio and Margen A. Java

ABSTRACT

This study evaluated the impact of Central Philippine University (CPU) outreach interventions and activities for Brgy. Ilongbukid and adjacent communities in San Rafael, Iloilo based on recently obtained cross-sectional data vis-à-vis the 2006 and 2012 baseline results. The "post-test" or the "one shot" survey design and focus group discussion with key stakeholders were done to measure the qualitative and quantitative changes brought about by outreach implementation. Results showed that the awareness level on the CPU outreach activities was high but availment of the services among the respondents was low (18.0%) since only households with children enrolled at Ilongbukid National High School were reportedly prioritized. Those who benefited from the outreach activities claimed definite satisfaction or satisfaction. Most of the respondents (90.6%) considered the outreach activities to be important. The great majority of the respondents (94.6%) believed that the CPU outreach activities had positive impact in their barangays. Specifically, the residual earnings from the swine chain dispersal project helped finance the children's education, contributed to house improvement, provided basic needs, and increased household income. It is, therefore, recommended that the outreach activities should be extended to other barangay residents for inclusive growth.

STREAMLINING WORKSHOPS IN BUSINESS PERMITS AND LICENSING SYSTEM OF THE CITIES OF PUERTO PRINCESA, TAGBILARAN AND ZAMBOANGA

*Mary 'O T. Penetrante, Dimpna C. Castigador, Levi O. De los Santos, Jr.,
Rezia Duerme, Joel H. Somosierra and Leofel J. Diamante*

Summary

The United States Agency for International Development (USAID) through its Strengthening Urban Resilience for Growth with Equity (SURGE) Project has been providing direct technical assistance to six selected cities under the Cities Development Initiative (CDI) program. Three of these are the cities of Puerto Princesa, Tagbilaran and Zamboanga which are in the second batch of the CDI.

Building on the business permitting reforms started by another USAID-funded project- Investment Enabling Environment (INVEST) from 2011 to 2014 in the first three CDI cities namely Batangas, Iloilo and Cagayan de Oro, SURGE will provide assistance in helping the three cities move towards a fully-automated BPLS and Building and Occupancy Permits system. In the second batch of CDI cities (Puerto Princesa, Tagbilaran, and Zamboanga), the project will help the cities streamline their business permitting processes, construction permitting and set up of Business One-Stop Shops.

In the first quarter of 2016, as part of the diagnostic phase in reducing the cost of doing business, the Project assessed the business permit renewal processes, inspection systems and the Business One Stop Shops (BOSS) of its six partner cities, representing the first phase of its city-level engagement.

In the second quarter, this benchmarking activity was identified following the experiences of the previously-assisted CDI cities of Batangas, Iloilo and Cagayan de Oro that a direct exposure through a study tour to other cities with reformed business permitting systems will be relevant, useful and inspiring for the assisted cities. Following the study tour, BPLS workshops were conducted in the six CDI partner cities.

For I am convinced that neither death nor life, neither angels nor demons, neither the present nor the future, nor any powers, neither height nor depth, nor anything else in all creation, will be able to separate us from the love of God that is in Christ Jesus our Lord.

Romans 8:38-39

COMPLETED INSTITUTIONALLY FUNDED RESEARCHES

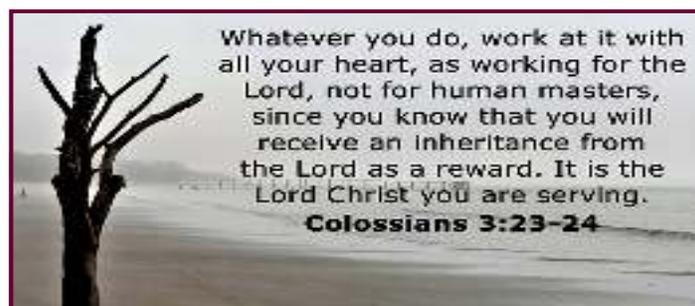
1. **Terrestrial Macrophytes Assessment in Camp Higher Ground, Barotac Viejo, Iloilo, Philippines**
 - By Ernesto S. Elefan and Stella G. Fernandez (completed July 2018)
2. **The Effects of Montesorri Teaching Materials to Pupils Attention and Hyperactivity-Impulsivity**
 - By Merle L. Junsay, Joan Iven J. Abello, Praise E. Glory, Eden P. Gomez, Hannah S. Siosan and Melly Beth L. Tayo (completed October 2018)
3. **Student Leaders' Perception of the Influence of CPU Leadership Training Seminar on Their Lives**
 - By Margen A. Java, Alfred C. Morales and Albert Jan Matthew A. Java (completed October 2018)
4. **Assessment of the Enrollment System of Central Philippine University for 2nd Semester 2016-2017 and 1st Semester 2017-2018**
 - By Mary O' T. Penetrante, Dimpna C. Castigador, and Lofel J. Diamante (completed October 2018)
5. **Live Experience of Clan War Survivors of Barangay Busog, Valderama, Antique: A Phenomenological Research**
 - By Irving Domingo L. Rio, Renia F. De La Peña, Corazon G. Nievaes, Bernadine T. Baliguat, Kareen Jay D. Lozada, Carol Kay C. Blando, and Lofel J. Diamante (completed November 2018)
6. **Impact Study on the CPU Integrated Outreach Activity for Barangay Moroboro, Dingle, Iloilo**
 - By Margen A. Java, Aries Roda D. Romallosa, Kareen Jay D. Lozada and Myrna T. Luceño (completed November 2018)
7. **Impact Study on the CPU Integrated Outreach Activity for Barangay Tula-tulaan, Dingle, Iloilo**
 - By Margen A. Java, Aries Roda D. Romallosa, Kareen Jay D. Lozada and Myrna T. Luceño (completed November 2018)



COMPLETED EXTERNALLY FUNDED RESEARCHES

Report on the Conduct of Streamlining Workshops in Business Permits and Licensing System of the Cities of General Santos and Legaspi

- By Mary O T. Penetrante, Dimpna C. Castigador, Levi O. De Los Santos, Jr., Lofel Diamante, Rezia Duerme, and Joel Somosierra Somosierra
- Funded by USAID SURGE Project (completed February 2018)



ONGOING INSTITUTIONALLY FUNDED RESEARCHES

1. Community Engagement, Institutional Commitment and Impact of Central Philippine University's (CPU) Community Engagement and Service-Learning Center (CESLC)
Researchers: Ernesto S. Saquibal, Jr., Othoniel O. Legada, Felix A. Ojario, Orpha Vic S. Faraon and Nellie Ann C. Mesa
2. Impact Study on the CPU Integrated Outreach Activity for Barangay Mainguit and Iniligan, Badiangan, Iloilo
Researchers: Reynaldo N. Dusaran, Levi O. De Los Santos, Jr., Othoniel O. Legada and Ligaya V. Caniel
3. Impact Study on the CPU Integrated Outreach Activity for Barangay Had. Conchita National High School, San Dionisio
Researchers: Rea P. Balontong, Lennon D. Pajar, Mary 'O T. Penetrante, Lesley Joy L. Dignadice, Rose Leah Joy A. Ojacastro, Rodolfo Eregia, Jr., Glenda S. Daaca and Anna Mae B. Cantel
4. Impact Study on the CPU Integrated Outreach Activity for Barangay Dungon A & B, Jaro, Iloilo City
Researchers: Janet P. Jaco, Cynthia T. Peleña, Liza Q. Espada, Evamer G. Ruegg and Annalee L. Cocjin
5. Impact Study on the CPU Integrated Outreach Activity for Greg Secker Village, Lemery, Iloilo
Researchers: Joan Iven J. Abello, Merle L. Junsay, Maredil R. Ambos, John Dale D. Paciente, Ma. Medalla P. Baliao, Randy A. Lero and Denie Erwin W. Tan
6. Impact Study on the CPU Integrated Outreach Activity for Sua, San Dionisio, Iloilo
Researchers: Jonathan J. Razon, Levi O. De Los Santos, Jr., Stephen Yuson, and Sheryll P. Saromines
7. Impact Study on the CPU Integrated Outreach Activity for Pili National High School
Researchers: Myrna T. Luceño, Armando M. Hisuan, Jr., Juvy Joy D. Guatelara, Mary Ann C. Garrido, Lennon D. Pajar and Denie Erwin W. Tan
8. Impact Study on the CPU Integrated Outreach Activity for Nanga, Guimbal, Iloilo
Researchers: Analie S. Serafino, Darlene Joy G. Marañon and Anna Liza D. Jamias
9. Impact study on the CPU Integrated Outreach Activity for San Isidro, Jaro, Iloilo City
Researchers: Levi O. De los Santos, Jr., Lerma M. Pendon, Nicolas G. Guanzon, Jr, Luis G. Valdez, Jr. and Ma. Mercy A. Japitana
10. Impact study on the CPU Integrated Outreach Activity for Borongon and Nipa, San Dionisio, Iloilo
Researchers: Levi O. De Los Santos, Jr., Lennon D. Pajar, Myrna T. Luceño, Armando M. Hisuan, Jr, and Mary Ann C. Garrido
11. Awareness, Availment, Assessment and Importance of Student Services
Researchers: Margen A. Java, Maredil R. Ambos, Gift D. Tragico, Betty C. Ermitaño, Eunice G. Alayon and Cheyenne Rouella C. Aberia

ONGOING EXTERNALLY FUNDED RESEARCHES

1. Status of Maternal and Child Health (MCH) in Western Visayas
 - By Irving Domingo L. Rio, Salex E. Alibogha, Melba C. Sale, Ma. Lourdes N. Sampiano, Joelah V. Rio, Rita E. Penaso, Julieta Boteros, Novie Joy C. Soledad and Charlie D. Baldon
 - Funded by Department of Health, RO VI
2. Assessment of the Consultant Hiring Strategy of the DOH Region VI to Deliver Family Planning Services in Western Visayas
 - By Mary 'O T. Penetrante, Dimpna C. Castigador, Patrocinio G. Pudadera, Jr., Joel Somosierra, Lofel J. Diamante , Levi O. De Los Santos, Jr. , Ma. Lourdes Andrino and Jazel D. Juntoria
 - Funded by Department of Health, RO VI
3. Assessment of the Implementation of Community Health Team (CHT) Mobilization in Region VI
 - By Nelida Lamasan, Susan Sumande, Norma Suerte and Carolyn L. Yoro
 - Funded by Department of Health, RO VI
4. Assessment of the AH Connect Strategy under the Alternative Health Service Points for Adolescent Health and Development Program of the DOH-RO VI
 - By Raquel Polec-eo, Gift D. Tragico, Florabel Suarez, Rea Balontong, Lennon Pajar, Merle Junsay, and Eddanee Debuque
 - Funded by Department of Health, RO VI
5. A Comparative Study of Eco-Tourism Education at Central Philippine University and Zhengzhou University of Industrial Technology
 - By Prof. Ismael A. Almajar and Dr. Ely S. Lazaro
 - In Collaboration with Zhengzhou University of Industrial Technology, China, Central Philippine University, Philippines and Filipino-Chinese Youth Culture Promotion INC.
6. Street Food Culture in Zengzhou City, China and Iloilo City, Philippines: A Comparative Study
 - By Dr. Myrna T. Luceño and Dr. Armando M. Hisuan, Jr.
 - In collaboration with Zhengzhou University of Industrial Technology, China, Central Philippine University, Philippines and Filipino-Chinese Youth Culture Promotion INC.
7. Healing Practices Using Popular Plants in China and Philippines: A Comparative Study
 - By Dr. Stella G. Fernandez and Dr. Nicolas G. Guanzon, Jr.
 - In collaboration with Zhengzhou University of Industrial Technology, China, Central Philippine University, Philippines and Filipino-Chinese Youth Culture Promotion INC.
8. Pre-Hospital Duty Preparations of Nursing Students at Central Philippine University and Zhengzhou University of Industrial Technology: A Comparative Study
 - By Prof. Nelida L. Lamasan, Prof. Melba C. Sale and Prof. Marites L. Robleza
 - In collaboration with Zhengzhou University of Industrial Technology, China, Central Philippine University, Philippines and Filipino-Chinese Youth Culture Promotion INC.

Director's Desk



By Dr. Mary O' T. Penetrante

The Need for Research on the Effects of Functional Foods

Functional foods have been consumed by different cultures and peoples. The spectrum of functional foods is so broad that there are still many beneficial substances remain relatively unstudied, and some might be undiscovered. Claim of the health benefits that specific functional foods give should be further studied for the sake of public health.

Research on specific functional foods might give way to cures of certain disease and knowing whether higher dosages of particular substances will cause more ill than wellness. If more studies are conducted, more information can be compared to one another, to make sure the results are universal.

The academe, as part of the contributors of the field of research, must continue to thrive at studying and finding empirical data on the safety and healthiness of the consumers, and to inform them about their wellbeing. The government may greatly help in this prospect for it has a broader scope in delivering information to the public.

However, the costs of developing a new functional food are high. Research done by food companies for new product formulations is not only expensive, but also have high stakes when it comes to both company and consumers. The government should invest in

research on functional foods and promote it. Incentives to the private sectors that pioneer these new health claims will zest their appetite for more discoveries.

Additional research is needed for the role of existing nutrients, advances in identifying bioactive compounds and their health benefits, and the intersection of genomics and nutrition science in personalized nutrition. These are needed to ensure that it can be translated into consumer-relevant products that would benefit the public and overall society. *

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