



2018 ANNUAL REPORT

PITAHC

Prepared by:

EVA A. BELTRAN, PT, MBA
Head, Management Services Division

MESSAGE FROM THE DIRECTOR GENERAL



The Philippine Institute of Traditional and Alternative Health Care (PITAHC) is the premiere government institution tasked *"to improve the quality and delivery of health care services to the Filipino people through the development of traditional and alternative health care and its integration into the national health care delivery system"*, as mandated by Republic Act 8423, otherwise known as the Traditional and Alternative Medicine Act of 1997 (TAMA).

Since its establishment as a government owned and controlled corporation, PITAHC transitioned from herbal medicine manufacturing to research and development (R&D) on traditional and complementary medicine (T&CM). Inching our way towards self-sustainability and the provision of safe, effective and affordable T&CM products, services and technologies, PITAHC focused its resources through provision of funds for scientific researches on T&CM, social advocacy & training on T&CM modalities, and development of standards for the practice of T&CM.

Though the tasks at hand are difficult and challenging, PITAHC strived hard to fulfil these accomplishments as our commitment to the Philippine government and in service to the Filipino people. We shall also continue to pursue excellence, professionalism, integrity and accountability in order to improve our services and in furtherance of our mandate to provide quality T&CM products, services and technologies to our countrymen.

PITAHC's journey towards self-sustainability still has a long way to go, murky and rough roads may create stumbling blocks, but it will not deter us from pursuing our vision of healthy Filipinos through traditional and alternative health care.

Annabelle Pabiona-De Guzman, MD, FPAFP, MHA, MA Med (UK), CESE

Director General

ANNUAL REPORT 2018

MANDATE

Republic Act 8423 (R.A. 8423) mandates the Philippine Institute of Traditional and Alternative Health Care (PITAHC) *“to improve the quality and delivery of health care services to the Filipino people through the development of traditional and alternative health care and its integration into the national health care delivery system”*.

VISION

“People’s health through traditional and alternative health care”

MISSION

“We lead in the research and development, promotion and advocacy, and development of standards on traditional and complementary medicine (T&CM); and we ensure its accessibility, availability, sustainability and integration into the national health care system.”

FUNCTIONS

To encourage scientific research on and develop traditional and alternative health care systems that have direct impact on public health care;

2. To promote and advocate the use of traditional, alternative, preventive, and curative health care modalities that have been proven safe, effective, cost effective and consistent with government standards on medical practice;

3. To develop and coordinate skills training courses for various forms of traditional and alternative health care modalities;

4. To formulate standards, guidelines and codes of ethical practice appropriate for the practice of traditional and alternative health care as well as in the manufacture, quality control and marketing of different traditional and alternative health care materials, natural and organic products, for approval’ and adoption by the appropriate government agencies;

5. To formulate policies for the protection of indigenous and natural health resources and technology from unwarranted exploitation, for approval and adoption by the appropriate government agencies;

6. To formulate policies to strengthen the role of traditional and alternative health care delivery system; and

7. To promote traditional and alternative health care in international and national conventions, seminars and meetings in coordination with the Department of Tourism, Duty Free Philippines, Incorporated, Philippine Convention and Visitors Corporation and other tourism-related agencies as well as non-government organizations and local government units.

HIGHLIGHTS OF ACCOMPLISHMENTS

MAJOR FINAL OUTPUTS

A. RESEARCH AND DEVELOPMENT

For the year 2018, the PITAHC funded eleven (11) research projects in partnership with academe, and different research institutions and non-government organizations, namely, Health Futures Foundation, Inc. University of the Philippines – Los Baños, De La Salle University – Manila, University of the Philippines – Manila, Section of Adult Neurology International Institute for Neuroscience, Inc., St. Luke's Medical Center, East Avenue Medical Center, and Makati Medical Center.

1. *Research projects that were completed*

1.1 Philippine Traditional Medicine (PMT) Research

a. A Descriptive Study of Five (5) Sacred Healing Places in Luzon

Sacred healing places refer to places with spiritual or religious attraction that have been revered by certain population for healing and/or recovery. The Philippines inherits a landscape of sacred healing places as by-products of the country's interwoven history of pre-colonial and post-colonial way of life. Unfortunately, most sacred healing places are faced with looming destruction because the importance of the sacred healing places has not been emphasized; and communities around the said places lack the means to protect them against cultural and environmental degradation. The study therefore aims to describe five (5) healing places in Luzon. The study will identify the address and major belief system of as many sacred healing places in Luzon and determine the belief system categories as well as describe the selected healing places based on geographical characteristics, ecological attributes, socio-cultural attributes, and operational characteristics. The proposed project can grant a deeper understanding of the relationship between geographical, ecological, socio-cultural, and operational aspects of sacred healing places.

1.2 Natural Products Research

1.2.1 *In vitro* evaluation of *Psidium guajava* ethanolic extract against four dominant *Leptospira* serovars in the Philippines

The study aims to evaluate the anti-leptospiral activity of *Psidium guajava* ethanolic leaf extract against four dominant pathogenic *Leptospira* serovars in the Philippines. Specifically, the project will determine the motility inhibition activity of *Psidium guajava* (bayabas) ethanolic leaf extract against

Leptospira interrogans serovar Manilae strain K64, *L. interrogans* serovar Losbanos strain K37, *L. interrogans* serovar Ratnapura strain K5 and *L. borgpetersenii* serovar Javanica strain K6 from 1 to 6 day incubation at 30°C using the microdilution technique. This project will also determine the minimum inhibitory concentration (MIC) of *Psidium guajava* (bayabas) ethanolic leaf extract against *L. interrogans* serovar Manilae strain K64, *L. interrogans* serovar Losbanos strain K37, *L. interrogans* serovar Ratnapura strain K5 and *L. borgpetersenii* serovar Javanica strain K6 after 3-7 days incubation at 30°C using the tube dilution technique. Moreover, this will determine the minimum bactericidal concentration (MBC) of *Psidium guajava* (bayabas) ethanolic leaf extract against *L. interrogans* serovar Manilae strain K64, *L. interrogans* serovar Losbanos strain K37, *L. interrogans* serovar Ratnapura strain K5 and *L. borgpetersenii* serovar Javanica strain K6 after 7 days incubation at 30°C using the tube dilution technique. Lastly, the project will determine the effect of *Psidium guajava* (bayabas) ethanolic leaf extract on the cell membrane integrity of *L. interrogans* serovar Manilae strain K64, *L. interrogans* serovar Losbanos strain K37, *L. interrogans* serovar Ratnapura strain K5 and *L. borgpetersenii* serovar Javanica strain K6 using propidium iodine uptake assay.

1.2.2 Assessment of the Bioactivities, Macronutrient, and Micronutrient Content of Selected Plant Foods

The study aims to develop a database of the antioxidant activities, phytochemical components and anti-mutagenic properties of indigenous, local or endemic plant foods. The study will determine the antioxidant properties of hydrophilic and lipophilic extracts of food plants using different methods. This will determine the phytochemicals responsible for the anti-oxidative property. Moreover, the study will determine anti-mutagenic properties of food plant extracts found to be rich in antioxidants using Ames Test.

Macronutrient and micronutrient content will also be validated and screened.

1.2.3 In vivo anti-amoebic and anti-giardial activity of aqueous and ethanolic extracts of *Quassia amara* (korales) and *Pepperomia pellucida* (ulasimangbato)

Parasitic diseases contribute notably to the problem of infectious disease worldwide. This group of diseases is usually caused by infectious organisms such as *Entamoeba histolytica* and *Giardia sp.*, *Entamoeba histolytica* and *Giardia sp.* It affects 500 million and 200 million of the world's population, respectively. Amoebiasis particularly amoebic liver disease and giardiasis, cause significant morbidity and mortality in both humans and animals around the world, especially in developing countries

The study will determine the anti-amoebic and anti-giardial activities of aqueous and ethanolic extracts of *Quassia amara* (korales) and *Pepperomia pellucida* (ulasimangbato) using the *in vivo* mouse model. Specifically, it will determine the minimum effective concentration of *Quassia amara* (korales) and

Pepperomia pellucida (ulasimangbato) and determine the percent cure rate of mice against *Entamoeba histolytica* and *Giardia intestinalis*.

1.2.4 A Randomized, Placebo-Controlled Phase I and Phase II Study to Evaluate the Safety, Tolerability, and Efficacy of *Psidium guajava* Ointment in Subjects Colonized with *Staphylococcus aureus*

The study will assess the efficacy, safety, and tolerability of 15%, 30% and 50% concentrations of guava (*Psidium guajava*) ointment in healthy adults aged 19 to 55 years old who are colonized with *S. aureus*. Specifically, it aims to: (1) determine the percentage eradication of nasal carriage of *S. aureus* of 15%, 30%, and 50% *Psidium guajava* ointment applied topically; (2) determine the adverse effects and the percent of participants who developed adverse effects to the different concentrations of topically applied *Psidium guajava* ointment; and (3) determine the percentage of recurrence of positive *S. aureus* cultures from the nasal mucosa 7 days post-treatment.

1.2.5 Formulation Studies on Lyophilized Aqueous Extract of *Blumea balsamifera* L. DC Leaves as a Tablet

The study aims to formulate a tablet using the lyophilized aqueous extract of *Blumea balsamifera* L. DC leaves. Specifically, the project will identify compatible excipients with lyophilized aqueous extract of *Blumea balsamifera* L. DC leaves. This project will also determine the master formula for the production of tablet using lyophilized aqueous extract of *Blumea balsamifera* L. DC leaves. Moreover, this will test the quality of the raw materials, intermediate products and final products of lyophilized aqueous extract *Blumea balsamifera* L. DC tablet. Lastly, the project will establish the initial stability profile of the formulated lyophilized *Blumea balsamifera* L. DC tablet.

1.3 Traditional and Complementary Modalities Research

1.3.1 Filipino Multi-component Intervention to maintain Cognitive Performance among High Risk Population (FINOMAIN): Integration of Complementary Non-pharmacological Approach with Standard Medical Care for Elderly with Cognitive Impairment

The study aims to determine the efficacy of a multicomponent intervention integrating dance exercise (INDAK) with intensive monitoring and management of vascular risk factors in maintaining or improving cognitive performance of high risks population such as Filipino elderly with CIND. The specific objectives are: (a) To determine effectiveness of this multicomponent intervention in terms of intervention adherence, cognitive performance, neuropsychiatric symptoms, functionality and self-rated health of participants and compare results between control and intervention group; (b) To compare the burden of vascular risk factors and vascular burden affecting older adults with CIND between intervention and control group; (c) To compare the burden of amyloid in the blood of elderly with CIND between intervention and control group; (d) To establish a baseline database

for risk factor profile of elderly participants with CIND; compiling results from baseline neuroimaging, blood amyloid, APOE genotype, neuropsychological tests performance and vascular risk factors, for possible future long-term follow-up of this study population with dementia incidence as the outcome.

1.3.2 A Single – Blinded, Randomized Controlled Clinical Trial on Efficacy of Acupuncture as Adjunct Therapy for Lichen Simplex Chronicus

Lichen simplex chronicus (LSC) represents epidermal hypertrophy that results from chronic, habitual rubbing or scratching of the skin. It affects adults predominantly ages 30 to 50 years. LSC may exhibit lesions with predilection for the posterior neck, occipital scalp, anogenital region, shins, knees, and dorsal aspects of the hands, feet, and forearm. The skin condition often needs prolonged use of topical corticosteroids. However, prolonged use of corticosteroids have side effects. According to Traditional Chinese Medicine (TCM), the root causes of skin manifestations involve internal imbalances between the yin and yang, deficiency or excess of qi and blood, or dysfunction of the organs. Acupuncture is one method in TCM done to address these imbalances. Its efficacy as adjunct therapy for the treatment of LSC will be studied. The research will determine the efficacy of acupuncture therapy on pruritus and quality of life among Filipino adult patients for the treatment of LSC. Specifically, it will compare Pruritus Severity (VAS Score) and Quality of Life (Dermatology Life Quality Index) outcomes among patients undergoing acupuncture therapy with topical corticosteroids versus topical corticosteroids alone for the treatment of LSC at baseline and every two (2) weeks until end of treatment.

1.3.3 Acute Maternal and Fetal Cardiovascular Responses to Exercise: A Single Blinded Randomized Controlled Trial to Improve Antenatal Surveillance Strategies in Filipino Women

The study will evaluate chronic and acute maternal and fetal responses to a similar low impact form of exercise, Sheng Zhen Gong. This is a system of standing, seated and lying Qigong forms and contemplations which originated in China and is considered a form of Traditional Chinese Medicine.

This will be the first study in the Philippines to evaluate both chronic and acute maternal and fetal cardiovascular responses to Shen Zhen Gong exercise using multi-modal fetal surveillance techniques which include 2D- ultrasonography, Color Doppler studies, cardiotocography and non-invasive (maternal and fetal) electrocardiography. The study will provide further understanding of the underlying acute fetal behavioral and cardiophysiologic responses to maternal exercise in a low risk population. This will be a faculty driven collaborative study between the University of the Philippines (Manila), the Tohoku University (Sendai), and the International Sheng Zhen Society (Manila).

1.4 Socio-Cultural Research

1.4.1 Work-related disability Caused by Headache Disorders among Workers in Asia – A Survey at Information Technology (IT) Industries in Japan, Republic of Korea, and the Philippines

This study aims to determine the prevalence of and the disability caused by headaches among Information Technology (IT) workers in the Philippines using a comprehensive questionnaire. Specifically, the study will determine the prevalence of headache among IT workers and the disability and functional impairment associated with headache. The study will determine the factors associated with disability and functional impairment. This will also determine the proportion of workers using traditional and complementary health care among IT workers for headache relief. Moreover, the study will determine the satisfaction of workers with the use of traditional and complementary health care for headache relief. This will determine lost productive time including both missed workdays (absenteeism) and impairment at work (presenteeism) due to headache. Lastly, the study will calculate the cost of lost productive time at work due to headache to elucidate what IT workers do to obtain relief, other than visiting physicians.

1.5 Knowledge Management Research

1.5.1 Medical Marijuana in the Philippines: Developing a Research Agenda

This study aims to assist PITAHC in drafting a list of feasible and viable research questions and projects addressing the potential health benefits and safety issues of Marijuana-based on existing body of evidence from scientific literature. Specifically, the study will identify and retrieve researches that have been conducted and/or are being conducted locally and internationally on Marijuana for Medical Purposes. The study will conduct a critical appraisal of retrieved literatures on marijuana using the Centre for Evidence-based Medicine: critical appraisal tool for systematic reviews/meta-analysis. Lastly, the study will provide PITAHC a synthesis of the review and recommendations which research questions are practical and feasible for a full blown confirmatory or exploratory research.

2. Research Projects Presented in a Research Convention/Symposium/Congress/Forum

The following are four (4) projects funded by PITAHC that were presented both locally and internationally.

Project Title

Evaluation of Safety and Efficacy of SilingLabuyo (*Capsicum frutescens*) Liniment in the Management of Osteoarthritis

Date and Venue Presentation

University of the Philippines - National Institutes of Health Research Forum, September 17, 2018

Assessment of the Bioactivities of Plant Foods Consumed by Locals in the Different Regions of the Philippines, Year 1

24th IUBMB Congress and 15th FAOBMB Congress, Seoul, South Korea
June 4 - 8, 2018

The Effect of Low Level Laser Therapy (LLT) on Acupuncture points as Adjunct Management for Osteoarthritis of the Knee among the elderly

International Convention on Low Level laser Therapy, April 30, 2018

Work-related Disability Caused by Headache Disorders among Workers in Asia - A Survey at Information Technology (IT) Industries in Japan, Republic of Korea, and the Philippines

15th Asian Oceanian Congress of Neurology (AOCN2018), COEX, Seoul, South Korea, November 8, 2018

3. Research Projects Adopted by the Industry

The technological transfer document of *Peperomia pellucida* (UlasimangBato) for the treatment of gout, will be presented to various invited pharmaceutical companies in a technology presentation scheduled on February 11, 2019.

B. SOCIAL ADVOCACY AND TRAINING

1. Traditional and Alternative Health Care (TAHC) Hospital Congress

PITAHC conducted the 1st Hospital Congress in Iloilo with the theme “Traditional & Complementary Medicine Contribution in the Improvement of Health Services and Health Outcomes”. The Congress was participated by the Medical Center Chiefs and aims to accelerate the development of T&CM through collaborative activities in the implementation of PITAHC programs and its integration into the hospital services; strengthen cooperation and information sharing between conventional health care professionals and T&CM practitioners; and to develop models of best health care delivery on T&CM which are feasible and sustainable to improve health outcomes. The expected outcome of this event is the establishment of TAHC Centers in DOH-retained hospitals for the management of common health ailments.





The 1st T&CM Hospital Congress for Visayas and Mindanao was well received by the Medical Center Chiefs and doctors, prompting PITAHC DG to heed the clamour for a similar activity for Luzon hospitals in 2019.

2. *1stPista ng Panggagamutang Pilipino*

The Pista ng Panggagamutang Pilipino was an event held in Davao City in partnership with the Aralan ng Panggagamutang Pilipino and Davao City government. This was held at the People's Park in Davao City where a group of advocates on traditional Filipino healers and traditional healers from Luzon, Visayas, and Mindanao were gathered and showcased their healing practices, knowledge, experiences, customs and rituals to the people in Davao. This event was a success with the support from the City Government of Davao.



The Philippines, being a country of diverse culture and health practices, the "*1stPista ng Panggagamutang Pilipino*" was an opportunity to showcase the unique cultures and healing practices of various Indigenous Peoples, regions and provinces of the country.

3. 10th TAHC Congress

The Congress was held in Davao City with the theme “Harnessing the Contribution of T&CM to Health, Wellness and People-Centered Health Care”. The event was participated by practitioners of different T&CM modalities to promote and raise awareness and better understanding of integral parts that encompasses T&CM. Notable speakers on the science in the practice of T&CM; herbal medicine research in the Philippines; herbal medicine research in PITAHC; success and stumbling block of herbal medicine integration into the pharmaceutical industry; and Filipino traditional healing, naturopathy, chiropractic and anthroposophic medicine were the topics presented during the congress. The event served as a venue for discussion and review of policies and action plans that will strengthen the role of T&CM in providing optimal health to the people.



Photos from top to bottom: 10th TAHC Congress speakers led by PITAHC Director General Annabelle P. De Guzman; DOH Asec. Atty. Charade Grande and Former DG Isidro C. Sia. Ms. Patricia Javier, actress/health buff/beauty queen also graced the well-attended conference.

4. Participation to International Exhibits/Events

- a. Dr. Francis Vicente S. Ras and Ms. Eva A. Beltran, Health Education and Promotion Officer V and Planning Officer V, respectively participated at the “Exhibition of ASEAN-China Innovation in Traditional Medicine and Herbal Products” at the 15th National Herbs Expo at the Challenger Hall, Impact Challenger Building, Nonthaburi, Thailand last July 18-22, 2018. This is an annual

event organized by the Department of Thai Traditional and Alternative Medicine(DTAM) of Ministry of Public Health, Thailand in cooperation with alliance network. This served as a venue to introduce quality traditional and alternative medicine services and herbal products and innovations to the public, to educate people to make informed choice in the use of such products and services for self-care and family health care. Herbal products showcase their innovation on traditional medicine to local and international participants and to explore marketing and investment opportunities and expand business in ASEAN and Chinese markets. Likewise, sharing of national policies on traditional medicine, herbal products and their success stories on policy implementation was carried out by the ASEAN members and China in this event.



Photos from top to bottom: As part of its international commitment, Dr. Francis Vicente S. Ras and Ms. Eva A. Beltran, Chief of Advocacy and Training Division and Management Services Division attended the annual "Exhibition of ASEAN-China Innovation in Traditional Medicine and Herbal Products" at the 15th National Herbs Expo at the Challenger Hall, Impact Challenger Building, Nonthaburi, Thailand.

- b. Ms. Lilibeth de los Reyes, Senior Health Research Specialist participated at the "Guangxi Key Laboratory of Efficacy Study on Chinese Materia Medica, Guangxi University of Chinese Medicine that hosted "The Second China-ASEAN Training Class for Medicinal Study on Traditional Medicine and Agricultural Residue" last June 3-9, 2018 in Nanning, Guangxi, P.R. of China. The training course aims to cultivate skills of researchers from ASEAN countries with interest in traditional medicine research and to promote exchanges and collaboration between China and ASEAN countries.



Ms. Lilibeth Delos Reyes as one of the participants to the "The Second China-ASEAN Training Class for Medicinal Study on Traditional Medicine and Agricultural Residue" last June 3-9, 2018 in Nanning, Guangxi, P.R. of China.

- a. Ms. Maria Theresa Mendoza, Chief Health Research Specialist attended the 2nd CHINA-ASEAN Forum on Health Cooperation: Towards Health Silk Road Opening Ceremony at Li Yuan Resort, Guangxi, China last September 19-21, 2018. Emphasis was on the cooperation and exchanges in terms of training on traditional medicine. Likewise, she provided inputs for ASEAN-China Technical Guide on Medicinal Plants Protection and Botanical Garden of Medicinal Plants Construction Standards.



Ms. Maria Teresa B. Mendoza, Research and Development Division head during her attendance to the 2nd CHINA-ASEAN Forum on Health Cooperation: Towards Health Silk Road Li Yuan Resort, Guangxi, China last September 19-21, 2018.

5. Community-based Herbal Medicine Preparation

Community-based training on herbal medicine preparation using the Patnubay ng Halamang Gamot as reference to treat common ailments for primary care were conducted in various Geographically Isolated and Disadvantaged Areas (GIDA) and Indigenous Peoples areas nationwide. Likewise, acupressure/tuina; ear acupuncture training were conducted in these areas as per request from the different LGUs nationwide.



Ms. Victoria Cacal of Cagayan Valley Herbal Processing Plant doing the actual demonstration to health workers on how to prepare Lagundi syrup, herbal ointment and herbal soap.

6. Advocacy through Quad Media

To inform the public on T&CM, PITAHC utilized the quad media specifically television/radio interviews, public appearances in various stations and networks, and print media where in major programs, activities, events and accomplishments of the Institute were featured.

Training

For 2018, four (4) trainings on Basic Acupuncture Course (Module 1) for medical and allied professionals were conducted at Baguio General Hospital and Medical Center, Baguio City; Davao Regional Medical Center, Tagum City; Southern Philippines Medical Center, Davao City; and Eastern Visayas Regional Medical Center, Tacloban City. A total of eighty eight (88) were trained on the said course. Likewise, training on Acupressure/Tuina was conducted at Department of Education (DepEd) in Bayombong, Nueva Vizcaya with a total of twenty seven (27) participants trained.



Basic Acupuncture Training conducted for medical and allied professionals conducted in Baguio, Tagum, Davao and Tacloban cities by the Social Advocacy and Training Division led by Dr. Francis Vicente S. Ras and assisted by Mr. Aquilino Oñes.

C. STANDARDS AND ACCREDITATION

To support the quality, safety and efficacy of Traditional and Complementary Medicine (T&CM), there must be appropriate standards of practice and education and training for T&CM practitioners/providers. Implementation of professional standards, when supported through regulation, enhances the learning base of practitioners, evokes confidence from patients and consumers in the health provider, enhances the stature of practitioners and ultimately leads to improved health care.

This program involves the development of competency standard and code of ethics for the practice of specific T&CM modalities such as: Acupuncture, Chiropractic, Homeopathy, Naturopathy, Tuina and Hilot and other WHO recognized T&CM modalities. The process requires a series of Technical Working Group (TWG) meetings among practitioners of said modalities to deliberate and craft on the standards and code of ethics for the said modalities.

The competency standard defines the minimum required stock of knowledge and skills expected from the T&CM practitioners in their respective areas of specialization. The draft competency standard and code of ethics are presented in a series of public hearing/consultation prior to its finalization.

On the other hand, the Implementing Rules and Regulations (IRR) for the practice of the respective T&CM modalities are formulated and subject for review and deliberation through a series of public hearing/consultation. The final IRR for the respective T&CM modalities becomes the basis for the registration of the T&CM practitioners and accreditation of T&CM clinics, training center and

organization. The registration and or accreditation of T&CM practitioners and facilities help regulate and professionalize the practice of the respective T&CM modalities.

For 2018, activities were geared towards the formulation of competency standards for anthroposophic medicine, development of health policy and systems on the regulation of T&CM modalities, conduct of LGU orientation on PITAHC certification and accreditation on T&CM modalities, and continuous certification of T&CM practitioners and accreditation of T&CM clinics, training centers and organization.

For this year, a total of seventy three (73) acupuncturists and ten (10) chiropractors were certified, and five (5) acupuncture clinics and one (1) training center were accredited. These certified T&CM practitioners and accredited clinics are available to the public who opt to utilize their services. As of 2018, there are now a total of nine hundred thirty one (931) certified acupuncturists and forty seven (47) certified chiropractors and thirty five (35) clinics, ten(10) training centers and seven(7) TAHC organizations that were accredited nationwide.



LGU Orientation on PITAHC Certification were conducted in Batanes, Isabela and Davao (for CARAGA) to create awareness and establish linkages with LGUs' Business Permits and Licensing Offices (BPLO).

PITAHC is now ISO 9001:2015 certified

2018 was PITAHC's busiest year, the first semester commenced with series of training on International Standard Organization (ISO) 9001:2015. After several months of strenuous, grueling and back breaking preparations to comply with the documentation and other requirements of the standard, the Institute was finally awarded the BS EN ISO 9001:2015 certification by NQA Philippines, Inc. on its quality management system applicable to provision of research management, certification of TAHC modalities, promotion and advocacy, and training for T&CM. The awarding of certificate was held last December 21, 2018 at Sulu Riviera Hotel, Quezon City in the presence of its Board of Trustees members and officials of the Department of Health.



Top photo: The preparatory series of training conducted by BCJA Consultants;
Photos above: Awarding of ISO 9001:2015 certificate for PITAHC by Mr. Ranilo L. Bernardino of NQA Phil., Inc. to Director General Annabelle Pabiona Deguzman and Quality Management Representative Eva A. Beltran.

PITAHC



Amendment of IRR of RA 8423

As demand for T&CM grows in the country, there is concomitant need to strengthen the government's existing policy, regulation, and legal framework to better respond to this growing demand and at the same time, ensure the safety of Filipino consumers using various T&CM modalities. To align PITAHC'S undertakings, parallel activity needs to be done in reviewing the Implementing Rules and Regulations (IRR) of the Traditional and Alternative Medicine Act (TAMA) Law (RA 8423).

PITAHC commissioned a team of consultants, to review and prepare proposed amendments to the current IRR of TAMA Law (RA 8423). Series of group discussions and public consultations were conducted and had been participated by different T&CM practitioners, advocates, members of the academe, stakeholders, private entities and concerned government agencies whose opinions and comments were considered accordingly. Without such amendments, the safety and protection of the general public from unqualified T&CM practitioners would be at great risk. Said amendment will give PITAHC its regulatory power in the practice of T&CM modalities.



Top photo: During the series of consultation meetings with T&CM practitioners, advocates, members of the academe, stakeholders, private entities and concerned government agencies for the proposed amendments to the current IRR of TAMA Law.

Document tracking system was developed as a web based information system that is capable of tracking the paper trail of documents created within PITAHC offices. The said system was designed to efficiently track the movement of documents in and out within PITAHC offices.EDTS was developed within windows environment using open source tools such as PHP, Javascript, and MYSQL. The application relies on TCP/IP and intranet to support server and client. With this tracking system in place, clients/customers both internal and external can easily track the status of their applications/communications within PITAHC.

[illegible]

PITAHC invited the Guanxi Key Laboratory of Efficacy Study on Chinese Materia Medica of the Guangxi University and the Nankai University of the Republic of China to visit the Philippines and discussed possible collaboration in the areas of research on traditional pharmaceutical products, herbal, and marine medicine. The collaborative activity between PITAHC and the Chinese institutions is considered part of the implementation of the Memorandum of Agreement between the Department of Health of the Philippines and the Ministry of Health of the People's Republic of China on cooperation in the field of health, particularly, traditional medicine.



Top photo: During the visit of Republic of China's Nankai University professors to PITAHC as part of the implementation of Philippines and China cooperation in the field of health, particularly, traditional medicine. They were received by Director General Annabelle P. De Guzman, the Research and Development Division head and staff and former PITAHC DG Dr. Isidro C. Sia.

Human Resource Development

PITAHC values the professional career development as well as the personal growth of its personnel. It is committed to raising the standard of competencies of its internal human resources by enhancing their knowledge, skills, and capabilities through various human resource development (HRD) activities that have resulted to a more efficient and productive manpower.

In 2018, PITAHC coordinated a total of seventy-eight (78) HRD activities for its eighty-one (81) officials and personnel from the Central Office and the four (4) Herbal Processing Plants (HPPs).

Trainings Relevant to the Job Function: PITAHC officials and personnel attended and participated in fifty-six (56) trainings, seminars, workshops, orientations, and conferences, namely:

1. *Training Workshop on QMS 105 Comprehensive Internal Quality Audit* held at PITAHC Central Office on January 22-25, 2018
2. *Change Management Training* held at PITAHC Central Office on January 31, 2018
3. *Orientation on Productivity and Quality* held at Bonifacio Stopover Corporate Center, Taguig City on February 2, 2015
4. *Orientation on the 2017 Omnibus Rules on Appointments and Other Human Resource Actions* held at PITAHC Central Office on February 5-6, 2018
5. *Training Course for Basic Pollution Officers* held at Sulo Riviera Hotel, Quezon City on February 13-16, 2015
6. *Technical Training Workshop on eFOI Portal Agency Dashboard* held at Social Hall, Mabini Building, Malacañang on February 15, 2018
7. *57th Anniversary and Annual Convention of the Philippine Academy of Family Physicians* held at the Philippine International Convention Center on March 1-3, 2018
8. *Lecture on Data Privacy Act of 2012*, PITAHC Central Office on March 5, 2018
9. *Overview Session of the Executive Lecture Series* held at the First Pacific Leadership Academy, Antipolo City on March 5-7, 2018
10. *Seminar Workshop on Transparency, Competitiveness and Good Governance on Government Acquisitions* held at PITAHC Central Office on March 12, 13 and 19, 2018
11. *Seminar-Workshop on Protocol and Social Graces* held at the Diamond Hotel Manila on March 14-16, 2018
12. *General Assembly of the Philippine Association of Government Corporate Lawyers* held at the National Defense College, Camp Aguinaldo, Quezon City on March 15, 2018
13. *Workshop on the Guidelines in Tagging Government Expenditures for Climate Change* held at Cocoon Boutique Hotel, Quezon City on March 16, 2018

14. *PCHRD@36: Research on Social Innovations in Health* held at the Philippine International Convention Center on March 16, 2018
15. *Executive Lecture Series (ELS) Deep Dive Learning on Enterprise Architecture Using TOGAF* held at the Legend Villas, Mandaluyong City on March 21-23, 2018
16. *Training on the Use of the Revised Agency Procurement Compliance and Performance Indicators (APCPI) System* held at BSA Twin Towers Hotel, Mandaluyong City on March 23, 2018
17. *Certificate Course on Strategic Human Resource Business Partnering* held at the Ateneo de Manila University on April 3-6, 2018
18. *Seminar Workshop on the Records Counter Disaster Preparedness and Business Continuity* held at Citystate Asturias Hotel, Palawan on April 11-13, 2018
19. *3rd National R&D Conference of the Department of Science and Technology* held at the Philippine International Convention Center on April 20, 2018
20. *Certificate Course on Introduction to Organizational Development* held at Ateneo de Manila University on April 23-27, 2018
21. *9th Basic Course on Regulatory Impact Analysis* held at the Crowne Plaza Manila Galleria, Quezon City on April 24-27, 2018
22. *2018 Public Forum on Industry Regulatory Reviews* held at the Crowne Plaza Manila Galleria, Quezon City on April 25, 2018
23. *Intellectual Property Convergence 2018* held at The Peninsula Manila, Makati City on April 26, 2018
24. *Risk-Based Thinking and Document Management Training* held at PITAHC Central Office on May 9-10 and 15-16, 2018
25. *Executive Lecture Series (ELS) Deep Dive Learning Module (DDLML) for IT Governance* held at The B Hotel, Quezon City on May 16-18, 2018
26. *Mentoring and Coaching on ISO 9001:2015* held at PITAHC Central Office on May 21, 2018
27. *Training on Supervisory Development Course (SDC) Tracks 2 and 3* held at the Civil Service Commission - National Capital Region, Quezon City on May 22-25, 2018
28. *Seminar on General Data Protection Regulation* held at Luxent Hotel, Quezon City on May 24, 2018
29. *1st National Data Privacy Conference* held at the Philippine International Convention Center on May 28-29, 2018
30. *Seminar Workshop on Managing Records with the Law in Mind* held at the Hotel H2O, Manila on May 28-30, 2018
31. *Training on GAD Mainstreaming, Analysis, and Audit* held at PITAHC Central Office on June 7-8, 2018

32. *Training on Building Powerful Teams* held at Astoria Plaza Hotel, Pasig City on June 14-15, 2018
33. *Training on Basic Records and Archives Management* held at PITAHC Central Office on June 18-19, 2018
34. *2018 National ICT Month Celebration* held at the Department of Information and Communications Technology on June 28-29, 2018
35. *Training on Achieving a Positive Turn-around in Employee and Organizational Performance thru Positive Discipline* held at Astoria Plaza Hotel, Pasig City on July 26-27, 2018
36. *Incident Command System – Executive Course* held at Ramada Manila on July 31, 2018
37. *Executive Lecture Series (ELS) Deep Dive Learning on Business Process Management (Health Sector)* held at Eastwood Richmond Hotel, Quezon City on August 1-3, 2018
38. *9th Web Users' Conference* held at Punta Villa Resort, Iloilo City on August 1-3, 2018
39. *12th Philippine National Health Research System (PNHRS) Week Celebration* held at The Manor at Camp John Hay, Baguio City on August 6-9, 2018
40. *Executive Lecture Series (ELS) Deep Dive Learning on Business Process Management (Health Sector)* held at the F1 Hotel Manila on August 7-9, 2018
41. *Training on Philippine Public Sector Accounting Standard* held at the Occupational Safety and Health Center, Quezon City on August 13-17, 2018
42. *Training Workshop on the Principles of Health Research Ethics and Good Clinical Practice (Basic Course)* held at the Kimberly Hotel Manila on August 22-24, 2018
43. *Public-Private Partnership (PPP) for Health Project Development Workshop* held at Eurotel Hotel, Quezon City on September 18-20, 2018
44. *Basic Training Course for Pollution Control Officers* held at Bella Ibarra, Quezon City on September 18-22, 2018
45. *17th National Health Research Forum for Action* held at EDSA Shangri-La, Manila on September 19-20, 2018
46. *Training on the 7S in the Workplace* held at PITAHC Central Office on October 3-4, 2018
47. *Training Workshop on Comprehensive Internal Quality Audit* held at the PITAHC Central Office on October 5-9, 2018
48. *Network Security Training on Active Directory Domain Services Windows Server* held at Subic Bay Venezia Hotel, Zambales on October 22-26, 2018
49. *Training on Root Cause Analysis* held at PITAHC Central Office on October 23-24, 2018
50. *Regional Quality Assessment Team Orientation on Genderized Evaluation Instruments Aligned with the New Policies, Standards and Guidelines* held at the Shangri-La Finest Chinese Cuisine, Quezon City on November 9, 2018

51. *17th Annual Career Executive Service Conference* held at SMX Convention Center, Davao City on November 14-16, 2018
52. *Streamlining and Process Improvement of Critical Services Training for NGAs* held at Hotel H2O, Manila on November 14-16, 2018
53. *1st Annual Indigenous Peoples Health Summit* held at the Grand Regal Hotel, Davao City on November 28-29, 2018
54. *Training Course on Regulatory Compliance Cost Analysis* held at the Hive Hotel and Convention Place, Quezon City on December 5-6, 2018
55. *3rd Philippine Solid and Hazardous Waste Management* held at Bohol Tropics Convention Center, Tagbilaran City on December 5-7, 2018
56. *Special Recruitment, Selection, and Recognition Programme for the Government Procurement Policy Board – Technical Support Office Recognized Trainers* held at BSA Twin Towers Hotel, Mandaluyong City on December 17-19, 2018

Continuing Professional Development: PITAHC continually promoted the professional growth of its personnel who attended the following conventions, seminars, and trainings:

1. *248th Post-Graduate Course on Basic Occupational Safety and Health for Nurses* held at Richville Hotel, Mandaluyong City on February 2, 2018
2. *Translational to Transformational: Knowing the Fundamentals of Sterile Compounding* held at University of Santo Tomas on February 5, 2018
3. *2nd International Conference on Stem Cell and Mitochondria: The Secrets of Total Rejuvenation* held at Pan Pacific Manila on May 2-3, 2018
4. *40th Annual National Convention and Seminar of the Government Association of Certified Public Accountants, Inc.* held at Waterfront Hotel, Cebu City on May 23-26, 2018
5. *256th Post-Graduate Course on Basic Occupational Safety and Health for Nurses* held at the Richville Hotel, Mandaluyong City on June 1, 2018
6. *Post-Graduate Course on Basic Occupational Safety and Health for Nurses* held at Richville Hotel, Mandaluyong City on July 13, 2018
7. *3rd Philippine Association for Government Budget Administration, Inc. (PAGBA) Quarterly Seminar and Meeting* held at Waterfront Hotel, Cebu City on August 8-11, 2018
8. *49th National Annual Convention and 69th Foundation Anniversary of the Occupational Health Nurses Association of the Philippines* held at The Manila Hotel on September 6, 2018
9. *2nd Philippine Herbal Medicine Summit* held at AG New World Manila Bay Hotel on October 4-5, 2018

10. *2nd Scientific Forum of the Department of Pediatrics of Mary Johnston Hospital* held at Mary Johnston Hospital, Manila on October 18, 2018
11. *Year 2018 1st Comprehensive Training Program for Nurses* held at Richville Hotel, Mandaluyong City on October 26, 2018
12. *82nd Anniversary and 2018 Annual Convention of the Catholic Physicians' Guild of the Philippines* held at Mary Mediatrix Medical Center, Batangas on October 24, 2018
13. *6th International Conference on Pharmaceutical, Nutraceuticals, and Cosmetics Science* held at University of Santo Tomas on November 22-23, 2018
14. *40th Annual Convention of the Philippine Society for Microbiology and Infectious Diseases* held at SMX Convention Center, Pasay City on November 28-30, 2018
15. *54th Annual Convention of the Philippine Association of Medical Technologists, Inc.* held at the Philippine International Convention Center on December 3-5, 2018
16. *256th Post-Graduate Course on Basic Occupational Safety and Health for Nurses* held at the Richville Hotel, Mandaluyong City on December 14, 2018

International Trainings and Conferences: Participation to foreign trainings and conferences is important for networking and the exchange of information and best practices, and how these may be applied to our local setting. In 2018, PITAHC coordinated its attendance to the following international events:

1. *The Second China-ASEAN Training Class for Medicinal Study on Traditional Medicine and Agricultural Residues* held in Nanning, Guangxi, China on June 3-9, 2018
2. *Exhibition of ASEAN-China Innovation in Traditional Medicine and Herbal Products* held in Nonthaburi, Thailand on July 17-22, 2018
3. *5th China-ASEAN Summit Forum on Traditional Medicine* held in Nanning, Guangxi, China on September 19-21, 2018

PITAHC recognizes the importance of the health and welfare of its personnel, and coordinated their attendance and participation in the following activities:

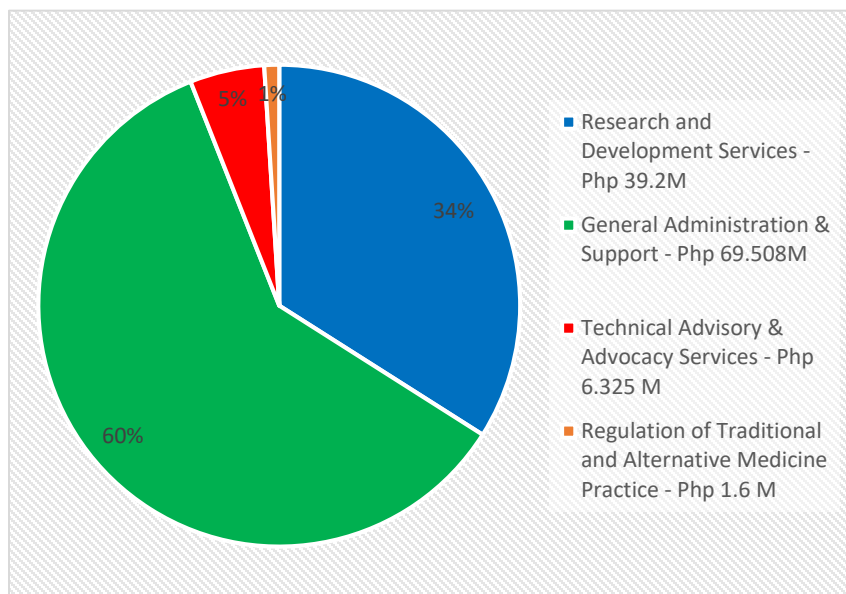
1. *Training on Basic Life Support and Standard First Aid* held at Ciudad Christia Resort 9 Waves, San Mateo, Rizal on March 13-16, 2018
2. *Team Building Activities* for the PITAHC Central Office and its HPPs
3. *Sports Activities* for the PITAHC Central Office and its HPPs

PITAHC BUDGET

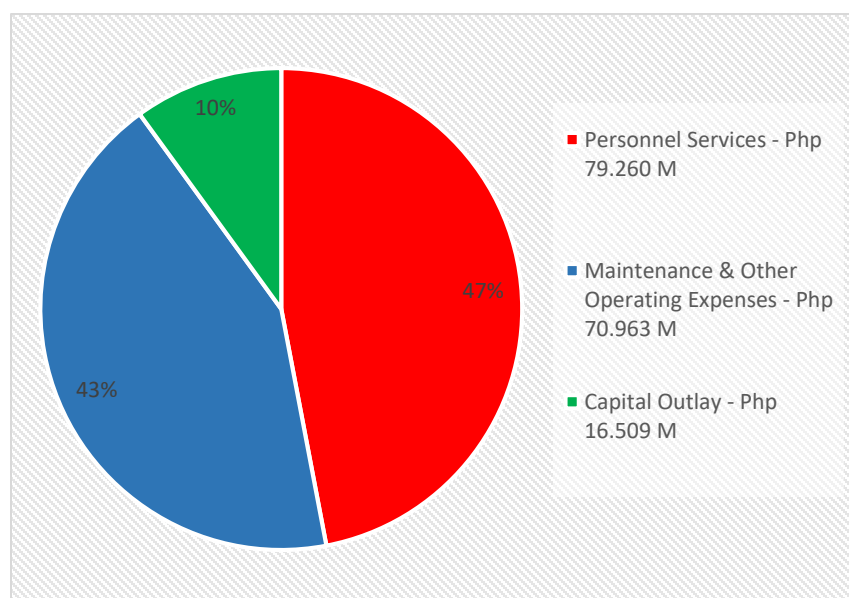
BUDGET DISTRIBUTION 2018

PITAHC Budget by Major Final Output, 2018

The total budget for the Philippine Institute of Traditional and Alternative Health Care (PITAHC) in 2018 is PhP116.333M. Majority of this budget was spent on General Administration and Support account for 60%, 34% for the Research and Development Services, 5% for the Technical Advisory and Advocacy Services while 1% of the institute's budget is for the Regulation of Traditional and Alternative Medicine Practice.



PITAHC Budget by Expense Class, 2018




The total budget of PITAHC is composed of 47% personnel services, 43% maintenance and other operating expenses, and 10% capital outlay.

PHILIPPINE INSTITUTE OF TRADITIONAL AND ALTERNATIVE HEALTH CARE
STATEMENT OF FINANCIAL POSITION
As at Year 2016 - 2018 (November)

	2016 Audited	2017 Audited	2018 (November) Tentative
ASSETS			
Current Assets			
Cash and Cash Equivalents	151,990,836	78,327,101	146,725,744
Receivables	29,150,650	46,675,512	70,220,038
Inventories	25,292,872	18,708,598	13,532,179
Other Current Assets	26,869,079	37,387,808	3,566,647
Total Current Assets	233,303,437	181,099,019	234,044,609
Non-Current Assets			
Property, Plant and Equipment - Net	105,758,333	101,431,488	102,693,941
Intangible Assets	11,327,687	11,327,687	66,615,653
Other Non-Current Assets	505,234	224,832	503,155
Total Non-Current Assets	117,591,255	112,984,007	169,812,750
TOTAL ASSETS	350,894,691	294,083,026	403,857,360
LIABILITIES			
Current Liabilities			
Financial Liabilities	7,438,399	5,245,835	29,881,110
Inter-Agency Payables	3,535,643	4,807,113	5,531,096
Trust Liabilities	2,489,156	3,165,597	3,449,516
Deferred Credits/Unearned Income	1,422,797	96,403	99,676
Other Payables	178,899	154,446	159,944
Total Current Liabilities	15,064,894	13,469,394	39,121,342
Non-Current Liabilities			
Total Non-Current Liabilities	-	-	-
TOTAL LIABILITIES	15,064,894	13,469,394	39,121,342
TOTAL ASSETS LESS TOTAL LIABILITIES	335,829,797	280,613,632	364,736,017
NET ASSETS/EQUITY			
Government Equity	335,829,797	280,613,632	364,736,017
TOTAL NET ASSETS/EQUITY	335,829,797	280,613,632	364,736,017

Prepared by:

Approved by:


MARY SHANE D. SALESALE
Accountant III



ANNABELLE PABIONA DE GUZMAN, MD, PPAFP, MHA, MAMed (UK), CESE
Director General

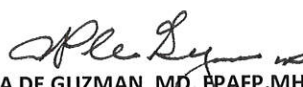
PHILIPPINE INSTITUTE OF TRADITIONAL AND ALTERNATIVE HEALTH CARE
STATEMENT OF FINANCIAL PERFORMANCE
FOR THE YEAR ENDED 2016 - 2018 (November)

	2016 (Audited)	2017 (Audited)	2018 (November) (Tentative)
REVENUE			
Service Income	1,640,512	1,628,191	1,802,389
Business Income	45,438,792	20,682,030	7,014,006
Total Revenue	47,079,303	22,310,222	8,816,394
LESS: CURRENT OPERATING EXPENSES			
Personal Services	48,120,553	55,468,338	62,175,802
Maintenance and Other Operating Expenses	20,713,809	25,114,259	43,299,583
Financial Expenses	10,360	262,421	8,446
Direct Costs	18,942,084	8,414,618	1,517,817
Non-Cash Expenses	7,158,740	6,927,765	9,032,904
Total Current Operating Expenses	94,945,546	96,187,401	116,034,553
Deficit from Current Operations	(47,866,242)	(73,877,179)	(107,218,157)
Other Non-Operating Income	336,083	16,051	757,759
Gains	24,000	-	-
Losses		(215,292)	(25,454)
Deficit before Tax	(47,506,159)	(74,076,420)	(106,485,852)
Income Tax Expense	(263,596)	(89,607)	(109,594)
Deficit after Tax	(47,769,754)	(74,166,027)	(106,595,447)
Subsidy from the National Government	28,555,000	27,755,000	126,433,000
Net Surplus for the Period	(19,214,754)	(46,411,027)	19,837,553

Prepared by:

Approved by:


MARY SHANE D. SALESALÉ
 Accountant III


ANNABELLE PABIONA DE GUZMAN, MD, RPAFP, MHA, MAMed (UK), CESE
 Director General

Future Plans

1. Boost the image of PITAHC as a research and regulatory institute for T&CM
2. Sustain PITAHC ISO 9001:2015 certification on its quality management system (1st year surveillance)
3. Implementation of the revised IRR of RA 8423
4. Development of health policy systems on the regulation of T&CM modalities
5. Hiring of additional staff to augment the existing manpower complement of PITAHC.
6. Continuous learning and development of PITAHC staff
7. Conduct of TAHC Hospital Congress and TAHC Convention
8. Upgrading of Davao Herbal Processing Plant, Davao City as PITAHC's research facility
9. Continue herbal products production at Tacloban Herbal Processing Plant, Tacloban City and Cagayan Valley Herbal Processing Plant, Tuguegarao City
10. Participation to international commitments/collaboration
11. Census/Survey of T&CM Practitioners (Local and Regional Level)

BOARD OF TRUSTEES

Hon. Francisco T. Duque III

Secretary of Health
Chairman of the Board

Members:

Dr. Bernadette E. Arellano

Dr. Leonida S. Calagui

Dr. Martin DG Camara

Dr. Ronaldo C. Cruz

Dr. Fabian M. Dayrit

Ms. Cecilia A. Lucentales

Dr. Vivencio R. Mamaril

Dr. Jaime C. Montoya

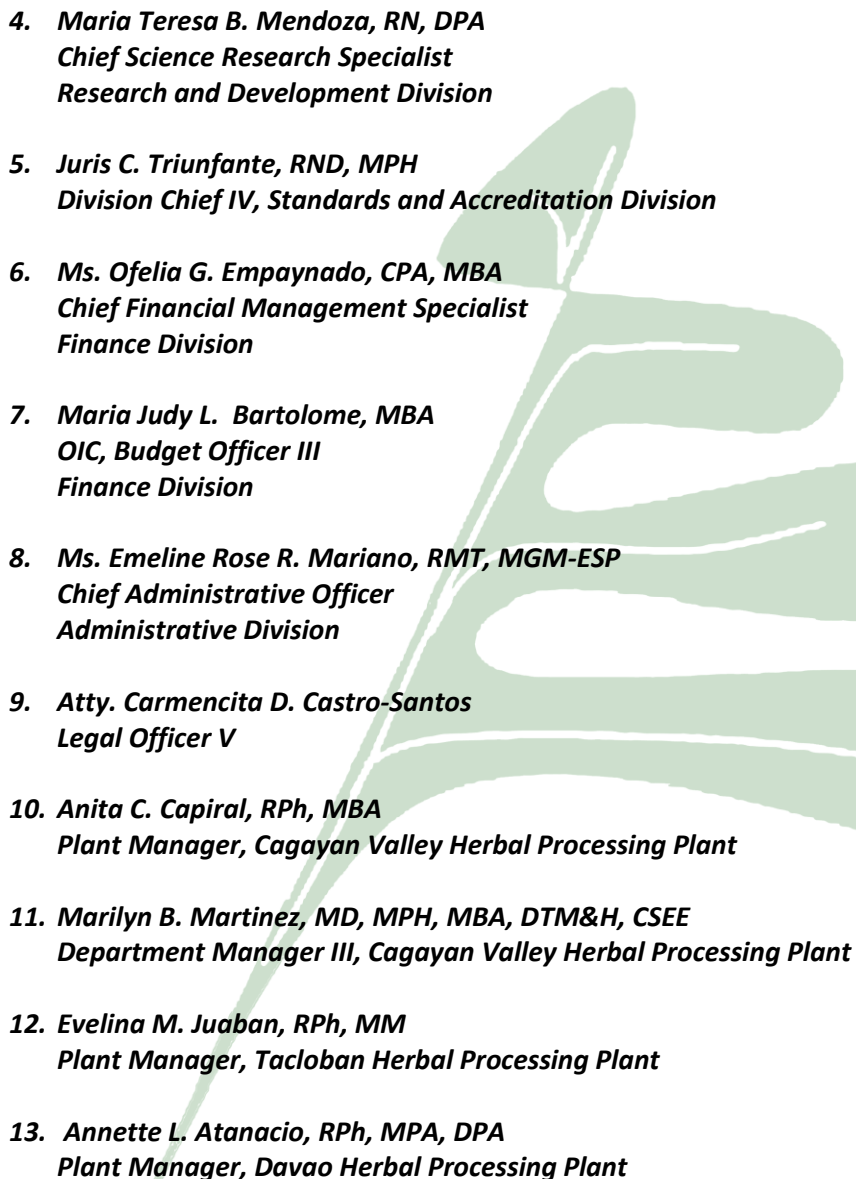
Dr. Ella Cecilia G. Naliponguit

Dr. Crisanta Marlene P. Rodriguez

Dr. Robert A. Umandap

Key Officials

1. ***Dr. Annabelle Pabiona-de Guzman, FPAFP, MHA, Ma Med (UK) CESE***
Director General
2. ***Eva A. Beltran, PT, MBA***
Planning Officer V
Head, Management Services Division
3. ***Francis Vicente S. Ras, MD***
Health Education and Promotion Officer V
Head, Social Advocacy and Training Division

- 
4. **Maria Teresa B. Mendoza, RN, DPA**
Chief Science Research Specialist
Research and Development Division
 5. **Juris C. Triunfante, RND, MPH**
Division Chief IV, Standards and Accreditation Division
 6. **Ms. Ofelia G. Empaynado, CPA, MBA**
Chief Financial Management Specialist
Finance Division
 7. **Maria Judy L. Bartolome, MBA**
OIC, Budget Officer III
Finance Division
 8. **Ms. Emeline Rose R. Mariano, RMT, MGM-ESP**
Chief Administrative Officer
Administrative Division
 9. **Atty. Carmencita D. Castro-Santos**
Legal Officer V
 10. **Anita C. Capiral, RPh, MBA**
Plant Manager, Cagayan Valley Herbal Processing Plant
 11. **Marilyn B. Martinez, MD, MPH, MBA, DTM&H, CSEE**
Department Manager III, Cagayan Valley Herbal Processing Plant
 12. **Evelina M. Juaban, RPh, MM**
Plant Manager, Tacloban Herbal Processing Plant
 13. **Annette L. Atanacio, RPh, MPA, DPA**
Plant Manager, Davao Herbal Processing Plant

Prepared by:

EVA A. BELTRAN, PT, MBA
Head, Management Services Division

Contributors:

1. **Ma. Ofelia G. Infante, RND, PGDip**
2. **Lilibeth de los Reyes, RPh**
3. **Juris Triunfante, RND, MPH**

- 4. Francis Vicente S. Ras, MD**
- 5. Kristine Marie B. Gapor, RND**
- 6. Atty. Carmencita C. Santos**
- 7. Emeline Rose R. Mariano, RMT, MGM-ESP**
- 8. Maria Judy L. Bartolome, MBA**
- 9. Mary Shane Salesale, CPA**
- 10. Levi P. Posadas**

