



RESEARCH AND
DEVELOPMENT
SERVICES



TECHNICAL ADVISORY
AND ADVOCACY
SERVICES



REGULATION OF
TRADITIONAL
AND ALTERNATIVE
MEDICINE PRACTICE



2021 ANNUAL REPORT

Philippine Institute
of Traditional and
Alternative Health Care

Message from the Director General



“ Warm felicitations to the stakeholders and supporters of traditional and complementary medicine (T&CM)!

We, in the Philippine Institute of Traditional and Alternative Health Care (PITAHC) are beyond grateful to the Almighty for allowing us to weather the challenges of the present amid the pandemic. The situation limited our mobility, however, this did not prevent us from achieving our goals.

Gratitude is a small word for all the blessings He has bestowed to PITAHC and its people, for allowing us to continue serving the Filipino people with dedication. Though we continue to struggle and deal with the effects of the pandemic, we, as robust fighters and advocates of health worked tirelessly to pursue the Institute's goals and commitment to the Filipino people.

As mandated, PITAHC continued funding T&CM research projects that are beneficial to the country and the Filipinos. Our well-received conferences and fora to disseminate evidence-based T&CM information to our practitioners and the general public were also conducted in a hybrid type conferences. Continuous processing of applications for certification of T&CM practitioners and accreditation of T&CM facilities, organizations and training center were facilitated to ensure that their services were made available to the public. Production of affordable and FDA-registered herbal medicines to treat symptoms of COVID 19 cases is one of our way of making PITAHC's products accessible to the Filipinos. Various recognitions from international and government institutions were also accorded to PITAHC as proof of its dedication to excellent government service.

Let me end this message by quoting the PITAHC hymn, “isulong ang katutubo't komplementaryo, at PITAHC ang pag-asa at buhay sa banal na tungkuling ito...ang simulain mong taglay kaligtasan ng bayan”. Nawa'y maipagpatuloy ng PITAHC ang mga simulain para sa pangkalahatang kalusugan. Mabuhay ang Katutubo't Komplementaryong Medisina!

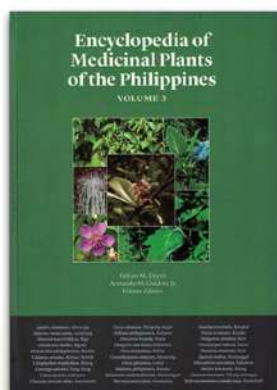
To God be the glory!


ANNABELLE PABIONA-DE GUZMAN, MD, FPAFP, MHA, MA MED (UK), CESE
Director General of PITAHC
Philippine Institute of Traditional and Alternative Health Care

Research and Development

The outcome of PITAHC's Research and Development activities is a robust body of knowledge in aid of policy, programs development, and products development for the promotion of quality, safe, effective/beneficial, accessible, and acceptable traditional and complementary medicine (T&CM) products and services, and for the conservation of our cultural heritage on Philippine traditional medicine.

RESEARCHES ADOPTED BY THE INDUSTRY



PITAHC, in partnership with the Ateneo de Manila University, introduced the book "Encyclopedia of Medicinal Plants, Volume 3" during the Research Dissemination Forum on October 14, 2021. The book contains the thirty (30) common medicinal plants of the Philippines. It provides updated fundamental scientific information on the Philippine medicinal plants using peer-reviewed research journal sources and reliable primary sources. The encyclopedia was officially launched in the Traditional and Alternative Health Care (TAHC) Congress last November 29-30, 2021 in La Bella, Tagaytay City.

Encyclopedia of Medicinal Plants, Vol. 3

Research Projects Completed within the Last Three (3) years with Results Published in a Recognized Journal or Presented in Local and International Conferences

Last October 14-15, 2021, the Institute conducted an online Research Dissemination Forum wherein seven (7) PITAHC-funded projects were presented. The forum was participated by traditional and complementary medicine research community, research stakeholders, students, researchers, T & CM practitioners, government agencies, tourism sectors and the academe. A total of one hundred twenty (120) participants attended on the first day and one hundred fifty (150) on the second day.

RESEARCH AND DEVELOPMENT

1 Ethnobotanical Survey of the Medicinal Plants Used by the Mamanwas of Agusan and Surigao Provinces and the Subanens of Lake Duminagat, Mt. Malindang, Philippines;

2 Ethnobotanical Survey of the Medicinal Plants Used by the Mamanwas of Agusan and Surigao Provinces and the Subanens of Lake Duminagat, Mt. Malindang, Philippines;

3 Ethnobotanical Survey of the Medicinal Plants Used by the Mamanwas of Agusan and Surigao Provinces and the Subanens of Lake Duminagat, Mt. Malindang, Philippines;

4 Ethnobotanical Survey of the Medicinal Plants Used by the Mamanwas of Agusan and Surigao Provinces and the Subanens of Lake Duminagat, Mt. Malindang, Philippines;

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7 Ethnobotanical Survey of the Medicinal Plants Used by the Mamanwas of Agusan and Surigao Provinces and the Subanens of Lake Duminagat, Mt. Malindang, Philippines;



Research & Development Division
Research Dissemination Forum
October 14-15, 2021

In addition to the presentation of the abovementioned projects in the PITAHC Research Dissemination Forum, the following projects were also published/presented in other journals, fora, and conferences:

Project Title	Publication/Forum/Conference
Antitubercular Potential of Essential Oils from Selected Philippine Plants	Poster Presentation during 4 th International Environmental Management Joint Symposium on March 4 & 5, 2021
Uric Acid Lowering and Nephroprotective Potential of <i>Dillenia philippinensis</i> Leaf Extract in Potassium Oxonate-induced Hyperuricemic Sprague-Dawley Rats	Published in the Journal of Pharmacy & Pharmacognosy Research on June 30, 2021 "Antioxidant activity, xanthine oxidase inhibition and acute toxicity of <i>D. philippinensis</i> Rolfe leaf extract"
Comparison of the Clinical Course of rt-PCR Positive Mild COVID-19 Patients Confined in community Quarantine Facilities In Cavite Given Standard Treatment plus <i>Euphorbia hirta</i> (Tawa-tawa) capsules: A Phase 2/3 Randomized Double-blind Placebo Controlled Trial	Presented in the PITAHC 3 rd Hospital Congress on August 26-27, 2021
Social and Economic Cost of Allowing Access to Medical Cannabis by Filipino Patients: Assessing the Costs and Benefits of Medical Cannabis	Published in the Philippine Agricultural Scientist Journal Vol. 104 No.3 last September 2021 "Will patients benefit from the current Philippine Legislative Bill on Medical Cannabis? A Cost-Benefit Analysis"

RESEARCH AND DEVELOPMENT

Moreover, the following e-posters were also presented during the Research Dissemination Forum:

Title	Proponent
"Chondroprotective Activity of Philippine Endemic Plant <i>A. elegans</i> (C. Presl) K. Schum Leaf Extracts in MIA-induced Osteoarthritis Rat Model through Modulation of Oxidative Stress, IL-1β, TNF-α, MMP-13 and MMP3"	AGNES L. CASTILLO, PHD Associate Professor, Faculty of Pharmacy Research Center for the Natural and Applied Sciences University of Santo Tomas
"Filipino Multicomponent 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"	JACQUELINE C. DOMINGUEZ, MD, MA Head, Memory Center Institute for Neurosciences St. Luke's Medical Center
"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"	REGINA MACALINTAL-CANLAS, MD, FPNA Chair, Department of Neurological Sciences, Makati Medical Center
"Development and Evaluation of a Mobile eLearning and Teleconsultation Application for Herbal Medicine"	MALAYA PIMENTEL - SANTOS, MD, MPH, FPDS Associate Dean and Academic Head Department of Pathology St. Lukes College of Medicine – William H. Quasha Memorial

RESEARCH PROJECTS COMPLETED/DEVELOPED

For CY 2021, seven (7) research projects funded by the Institute were developed/completed. The completed research projects are the following:

Cluster 2 Research and development on safety, efficacy/benefit, and quality of natural products

1. Activity-guided Isolation of B-adrenergic Inhibitory Fractions of *Allium sativum* (GLCO3) in Mouse Cells
2. Assessment of the Bioactivities of Plant Foods Consumed by Locals in the Different Regions of the Philippines, Year 3

RESEARCH AND DEVELOPMENT

Cluster 4 Policy, systems, and standards research

1. Development of PITAHC R&D Agenda and Strategic Plan for 2023-2028
 2. Conduct and publication of Research on the Impact of COVID-19 on Traditional and Complementary Medicine Research Operations
- Cluster 5 Socio-cultural research

1. Psychological Impact on the Traditional and Complementary Medicine (T&CM) Practitioner during the COVID-19 Pandemic: A Cross-sectional Study in the Philippines

Cluster 6 Knowledge management

1. Encyclopedia of Medicinal Plants, volume 3 (Printing and Publication)
 2. Nationwide Profiling Survey of Traditional and Alternative Health Care (TAHC) Practitioners in the Philippines, Phase 1
- These projects were developed in partnership/collaboration with the academe, private, and non-government organizations such as: Ateneo de Manila University, Macro Health Research Organization Inc., Institute of Philippine Culture (IPC) – Ateneo de Manila University, University of the Philippines Medical Alumni Foundation, Inc., and University of the Philippines – Manila

Information Dissemination on the Use of Herbal Medicines in the Treatment of Symptoms of Covid-19



1. UP College of Science - Curious Minds Meet the Scientist

UP College of Science organized a forum where 8-15 year old kids with curious minds met with scientists in different fields. Chemists, biologists, environmentalists, geologists and other active scientists were present to answer the kid's questions on their respective fields of specialization. Dr. Angelo Ong introduced traditional herbal medicine and how some medicines bought in pharmacies come from our very own backyard. The audience appreciated the arduous work that goes into the development of these medicines and how scientists travel long distances to discover traditional cures from plants found in remote areas. There were plenty of questions for all the speakers, hopefully they take up a science and technology course in the future.

RESEARCH AND DEVELOPMENT

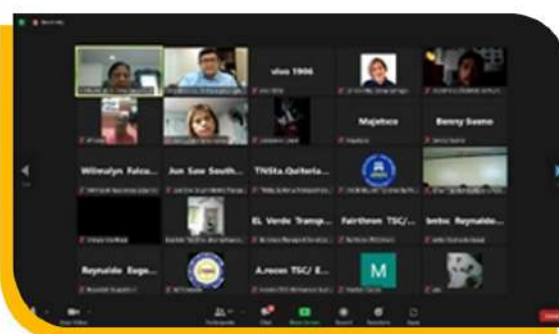
Information Dissemination on the Use of Herbal Medicines in the Treatment of Symptoms of Covid-19



2. DOH CHD R4b (MIMAROPA) - Role of Herbal Medicines in the Fight Against COVID-19

November is designated as the TAHC Month per Presidential Proclamation 698 s 2004. As part of the celebration, Dr. Angelo Ong gave a lecture to the DOH CHD R4b (MIMAROPA) on the role of herbal medicines in the fight against COVID-19 and featured current researches on some mechanisms of action and bioactive compounds. The country has a very rich herbal medicine tradition and in order for it to be integrated into the mainstream healthcare system, its use must be supported by evidence and clinical trial research. Some herbs have already been identified as useful in the control of symptoms in COVID19 and yet we still need to do more research work to benefit every Filipino.

3. LTFRB NCR on the topic of mental health during COVID-19, November 20, 2021



Dr. Angelo Ong was invited to speak for the stakeholders of the LTFRB NCR on the topic of mental health during COVID-19. As part of the TAHC Month, he shared some non-pharmacologic interventions in handling mental stresses, anxiety and depression. He shared ways to identify anxiety through a simple 10 point test and give them tips on how to handle and avert it. There are also herbs that he mentioned which can help with insomnia and promote a sense of calm during these troubling times. With all what is going on with COVID-19, herbs can help even with mental health.

RESEARCH AND DEVELOPMENT

Information Dissemination on the Use of Herbal Medicines in the Treatment of Symptoms of Covid-19



Talking and engaging with students is always exciting for him because they are the future of the country. Herbal medicine has been given a boost in the fight against the pandemic with many researchers taking up the challenge of finding possible medicines to alleviate the suffering of our countrymen who were hit by the disease. He applauded all the researchers and shared his hope that the future pharmacists of CEU follow in our footsteps to discover, develop, promote and advocate the safe and effective use of herbal medicines.

4. CEU- College of Pharmacy - Use of Herbal Medicines as Adjunct Therapy in COVID-19

As part of the TAHC Month, Dr. Angelo Ong gave a very engaging talk about the use of herbal medicines as adjunct therapy in COVID-19 to the CEU College of Pharmacy, Centro Escolar University Makati. In the webinar he discussed the possible mechanisms of action of Tawa-tawa, VCO and Lagundi herbs in the treatment of the symptoms of the disease. He mentioned some of the researchers carrying on doing their hardest work despite the limitations of the pandemic.



3. LTFRB NCR on the topic of mental health during COVID-19 November 20, 2021



The DOH CHD R4A R&D Unit CALABARZON recently conducted its 4th Health Research Forum. Dr. Angelo Ong served as a reactor in the presentation "Improved Regulation for Herbal Medicines using Weak Affinity Chromatography (WAC)". WAC is used to validate and evaluate herbal medicines for various indications for their safety and efficacy. There is a need to do researches on laboratory techniques which produce cost effective yet reliable and reproducible results. An example of such is the affinity of herbal fractions to albumin. Because drug molecules bind with albumin, it affects clearance rates and effective dosages in its final drug form. Since albumin can be used in the WAC column, it can evaluate the pharmacokinetics of the herb fractions as in the blood stream.

RESEARCH AND DEVELOPMENT

Information Dissemination on the Use of Herbal Medicines in the Treatment of Symptoms of Covid-19

7. Chief Science Research Specialist and R&D Division Head
Dr. Rodrigo Angelo Ong was invited as a reactor to the international forum.



Forum on Traditional Chinese Medicine and International Cooperation to Fight Against COVID-19 Pandemic

Forum Information
Date: 13th December 2021 (Monday)
Time: 09:00am – 11:35am
Website Link: Cisco Webex
<https://www.webex.com/join/download.do.html>
Conference Number: 1849580351

Speakers:


Dr. Yu-Chang Su
Director, National Research Institute of Chinese Medicine (NRICM)


Dr. Chih-Yang Huang
Vice Superintendent, Hualien Tzu Chi Medical Center, Taiwan


Dr. Kevin B. Gillett
Consultant, Department of Traditional Chinese Medicine, Chinese General Hospital and Medical Center

Organizer: Hualien Tzu Chi Medical Center-New South Branch Office
Co-Organizer: National Research Institute of Chinese Medicine, MOHW & Chinese General Hospital and Medical Center
Adviser: Ministry of Health and Welfare-Office of International Cooperation

Time	Topic	Speakers	Moderators
09:00-09:15	Opening Remarks	1. Mr. Fu-Yang Hsu Representative, Super Economic and Cultural Office in the Philippines 2. Dr. Shiao-Jung Lin Superintendent, Hualien Tzu Chi Medical Center, Taiwan 3. Dr. CHANG Liang-Ni Vice Minister, Ministry of Health and Welfare, Taiwan 4. Dr. Enchepo Ona Former Secretary, Department of Health, the Philippines	Dr. Chih-Chang Li Director, International Medical Center, Hualien Tzu Chi Medical Center, Taiwan
09:15-09:45	The Significant Impact of COVID-19 on the Philippines	Dr. Kevin B. Gillett Consultant, Department of Traditional Chinese Medicine, Chinese General Hospital and Medical Center Institutional Consultant, Department of Anatomy, College of Medicine-Chinese General Hospital College	Dr. Regina C. Talavera Chairman, Department of Anatomy College of Medicine-Chinese General Hospital College
09:45-09:55	Q&A	All Participants	
09:55-10:25	Experiences and Evidence-based Outcomes by Using NRICM101 & NRICM102 in the Treatment of COVID-19	Dr. Yu-Chang Su Director, National Research Institute of Chinese Medicine (NRICM) Jefferson H. Tatum	Dr. Chih-Chang Li Director, International Medical Center, Hualien Tzu Chi Medical Center, Taiwan
10:25-10:35	Q&A	All Participants	
10:35-11:20	Fundamental Research of Jing-Si Derivat Tea on COVID-19	1. Dr. Chih-Yang Huang Vice Superintendent, Hualien Tzu Chi Medical Center, Taiwan Director, Cardiovascular and Metabolism Related Disease Research Center 2. Dr. Chiao-Yi Chang Assistant Researcher, Cardiovascular and Metabolism Related Disease Research Center	Dr. Young-Jung Ho Vice Superintendent, Hualien Tzu Chi Medical Center, Taiwan Director, Traditional Chinese Medicine Department
11:20-11:30	Q&A	All Participants	
11:30-11:35	Closing Remarks	Dr. Jazmin F. Lomera-Larín Representative, the Philippine House of Representatives Former Secretary, Department of Health, the Philippines	Dr. Chih-Chang Li Director, International Medical Center, Hualien Tzu Chi Medical Center, Taiwan



Research and Development Division

Regulation of Traditional and Alternative Practice

Formulation of Competency Standards and Implementing Guidelines for the National Certification and Accreditation of Traditional and Complementary Medicine and Publication

Continuing Education Program Guidelines

Continuing education is important to the practitioners for them to be abreast on the current development and expand their knowledge and skills in the practice of T&CM. The different members of the National Certification Committees of eight (8) modalities formulated the Guidelines on the Accreditation of the Continuing Education Program for T & CM.

Anthroposophic Medicine Guidelines

The "Guidelines on the National Certification of Anthroposophic Medical Practitioners and Accreditation of Anthroposophic Medicine Training Program, Centers and Clinics" was approved by the Board of Trustees (BOT) and was published in the Official Gazette of the University of the Philippines.

Ayurveda Guidelines

Two public consultations were conducted on the formulation of "Guidelines on the National Certification of Ayurveda Practitioners, and Accreditation of Ayurveda Lifestyle Education and Training Programs, Ayurveda Lifestyle Training Institutes/Ayurveda Schools and Ayurveda Centers and Ayurveda Clinics" and was submitted to the Office of the Government Corporate Counsel for legal opinion.

Osteopathy Guidelines

The "Guidelines on the National Certification of Osteopaths and Accreditation of Osteopathy Training Programs, Centers, and Clinics" was published in the Official Gazette in January 2021.

Anthroposophic Art Therapy Competency

The first public hearing on the Competency Standards for Anthroposophic Art Therapy Visual Arts was conducted last June 18, 2021.

Certification and Accreditation of T&CM Practitioners, Clinics, Training Centers and TAHC Organizations

For CY 2021, a total of eighty (80) applications for certification of practitioners and accreditation of clinics, training program, training centers and TAHC organizations for Acupuncture, Chiropractic and Naturopathy were approved with issuance of their corresponding IDs and certificates.

Modalities	No. of Approved Applications
• Acupuncture	47
• Chiropractic	3
• Naturopathy	30
Total	80

In accordance with the approval of the different applications, the Division facilitated the processing and issuance of 72 IDs and 79 certificates of the applicants, as follows:

Modalities	No. of IDs Processed	No. of Certificates Processed
• Acupuncture	41	47 *
• Chiropractic	1	3 **
• Naturopathy	29	30
Total	71	80

*Six (6) were facilities
**Two (2) Facilities

Monitoring of T&CM Practitioners, Clinics, Training Centers and TAHC Organizations

Monitoring is done to ensure that the certified practitioners and accredited clinics and facilities have continuously complied with the set of requirements to capably provide services to their clients and customers. These requirements include available certificate of registrations and business permits, clean and complete facilities and equipment, adequate and competent personnel, and existing policies in order to ensure that quality, reliable and safe services are provided to the public.

Amid the pandemic, the blended monitoring scheme was carried out

Location	No. of Practitioners/ Clinics/Facilities
<u>Metro Manila</u>	
• Makati	2
• Parañaque	2
• Quezon City	11
• San Juan	1
• Taguig	6
• Manila	2
<u>Outside Metro Manila</u>	
• Bulacan	4
• Cebu	3
• Davao	2
• Rizal	6
TOTAL	39

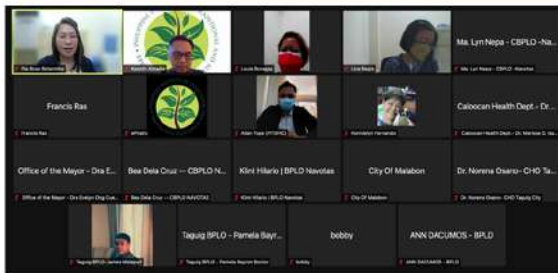
Moreover, PITAHC carried out the "Blended Inspection and Monitoring Guidelines", and was able to conduct both onsite and offsite monitoring activities due to the limitation of physical inspection and monitoring due to the continuing surge of Covid-19 cases in the aforementioned areas..

LGU Orientation on Certification and Accreditation

PITAHC works in coordination with the Local Government Units (LGUs) for the promotion of the different modalities and to ensure that the practitioners comply with the requirements before they can practice or establish TAHC facilities at the local levels. This is also a way of safeguarding the consumers from patronizing services from unregistered or uncertified practitioners.

For this year, five (5) LGU orientations were conducted on the certification and accreditation process. This was done in coordination with the HPPs and TAHC Coordinators in different regions such as Region III (Zambales), Region VII (Cebu), CARAGA, Region IV-B (MIMAROPA), and the National Capital Region (NCR) employing onsite or offsite methods via Zoom platform. The orientations were participated in by the various City Health Officers (CHOs), Business Permits and Licensing Officers (BPLOs), and other LGU employees.

The Division also participated in the various Stakeholders' meetings and coordinated with other modalities such as Homeopathy, Naturopathy, Chiropractic, and Hilot



Local Government Unit Online Orientation



Online Public Consultations on Implementing Guidelines



Monitoring of T & CM Practitioners and TAHC Facilities



Standards and Accreditation Division



TECHNICAL ADVISORY AND ADVOCACY SERVICES

Traditional and Alternative Health Care Congress

In line with the TAHC month celebration every November, PITAHC conducted the webinar version of “13th TAHC Congress” which was held last November 29-30, 2021 in La Bella, Tagaytay City with the theme “Traditional and Complementary Medicine: Promoting holistic health and wellness”. The “13th TAHC Congress” webinar is hosted with the aim to bring together academicians, practitioners, researchers and the general public through the topics on traditional and alternative health care. Likewise, this event engage the participants in discussion, and facilitate mutual understanding on the significance of Traditional and Complementary Medicine in ensuring healthy lives and promoting wellbeing. Likewise of Seal of Excellence Award was launched during the said event.



The said event also serve as a venue for discussion and review of the strategic health policies and operational issues concerning appropriate integration of Traditional and Complementary Medicine into the Universal Health Care.



A total of two hundred fifty eight (258) participants including the speakers, practitioners and members of the National Certification Committee of the different TAHC modalities attended the event.

Establishment of TAHC Centers in DOH-Retained Hospitals

PITAHC in partnership with the DOH-retained hospitals established TAHC centers in their respective hospitals. The aim of the program is to support hospitals in providing safe, quality and effective T&CM services and their appropriate integration into health systems for the management of common health conditions and for achieving universal health coverage. These TAHC Centers offer Acupuncture as one of their services being offered to the general public.

The following are the DOH-retained hospitals that have established TAHC Center/Clinic in their hospitals:

1. Mariano Marcos Memorial Medical Center
2. San Fernando La Union Treatment and Rehabilitation Center
3. Region 2 Trauma and Medical Center
4. Lt. Tidang Memorial Hospital Wellness Center

1st Regional Hilot Congress

The 1st Regional PITAHC Hilot Congress was conducted via Zoom and Facebook live streaming simultaneously in Malay Aklan on October 27-30, 2021 with the theme: *"Hilot: Pangangalaga sa Kalusugan ngayong Pandemya"*.



The main objective of the 1st Regional HILOT Congress is to discuss and review strategic health policies and operational issues concerning the appropriate integration of Hilot practice into the National Health Care delivery system and eventually in the Universal Health Care (UHC). PITAHC had invited 10 traditional healers (hilot/manghihilot) from each region and shared their best practices. The event highlighted the rich traditions of different Hilot practitioners from Western Visayas with their potential contribution to our Philippine Traditional Medicine (Hilot) in the attainment of UHC.



The total number of participants including the speakers, practitioners and members of the NCC for Hilot were 200 and for Facebook Live Analytics: People Reached: 5,992, Engagement: 1,699, Shares: 64, Views: 2,500

Hospital Congress

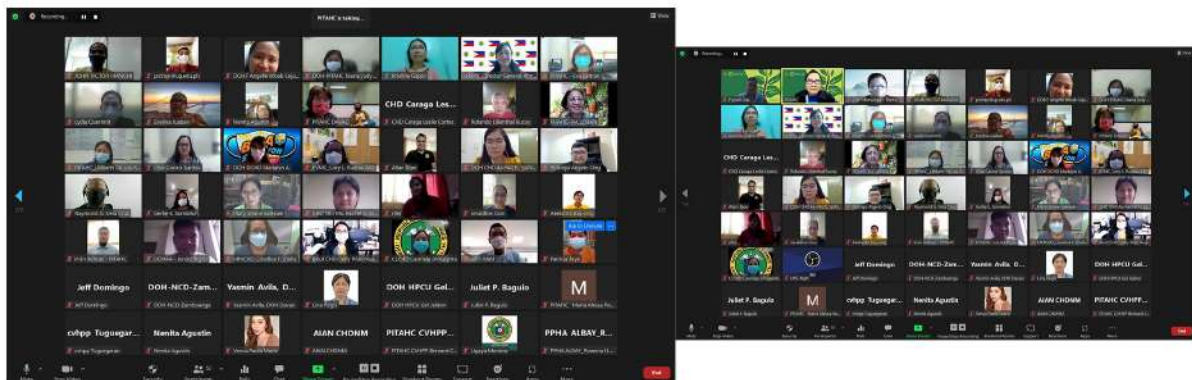
The 3rd Hospital Congress on Traditional and Complementary Medicine with the theme *“Health Beyond Pandemic: Traditional and complementary Medicine in Improving the Health and Wellbeing of Patient and Population.”* was held on August 26 and 27, 2021 through online platform via Zoom. The 2-day hospital congress aims to provide a venue for discussion and review of strategic health policies and operational issues on the establishment of TAHC centers in DOH-retained and private hospitals for the management of common health conditions and development of models of best health care delivery on T&CM.



The event was participated by Medical Center Chiefs of the different hospitals, and a total number of participants including speakers, practitioners, and members of the NCC for the Hospital Congress were 328 during the first day and 392 during the second day.

T & CM Advocacies

Throughout the year, advocacy activities were undertaken specifically community orientation using the book *Patnubay sa Paggamit ng Halamang Gamot* on the preparation and use of herbal medicines to treat common ailments at the primary health care level. Acupressure and ear acupuncture for pain management were also carried out in the different communities nationwide. Radio guesting and personal appearances were likewise done in Metro Manila and disseminated information on the use of herbal medicines for the treatment of COVID-19 symptoms.



Herbal Processing Plants

The three (3) Herbal Processing Plants (HPPs) located in Tuguegarao, Tacloban and Davao Cities are PITAHC's production and research facilities. They also assist in implementing the Institute's three (3) Major Final Outputs such as Research and Development Services, Technical Advisory and Advocacy Services and Regulation of Traditional and Alternative Practice

Production of Quality And Affordable Herbal Medicines and Herbal Products

The Tacloban Herbal Processing Plant (THPP) manufactures Lagundi 300mg tablet for cough and asthma and Sambong 250mg tablet as diuretic and anti-urolithiasis. Likewise, THPP maintains an estimated nine hectares of herbal plantation that serve as source of raw materials needed in their production of herbal medicines.



6,000,000 Lagundi tablets &
4,000,000 Sambong tablets produced in 2021



196,853 bars of herbal soap produced in 2021

The Cagayan Valley Herbal Plant and Davao Herbal Processing Plant as cosmetic manufacturers were able to produce 196,853 bars of eight variants of herbal soap such as Akapulko, Bayabas, Papaya, Kamias, Cucumber, Carrot, Calamansi and Labanos for personal care. All batches of soap produced were subjected to qualitative test analysis such as physico-chemical properties, weight variation and microbiological test for both raw materials and finished products. Likewise, dermal irritation test is continuously being conducted to ensure their hypoallergenic effects prior to marketing.

Product Development

The technology transfer of Ulasimang bato 500mg as anti-hyperuricemia was granted by the University of the Philippines to PITAHC and THPP was tasked to develop the product to a large scale production. This was successfully done and application for Certificate of Product Registration was already submitted to the Food and Drug Administration (FDA) for evaluation. Once approved this herbal medicine is a viable alternative for Allopurinol, the common medication for hyperuricemia and gout.



Provision Of Plant Materials for Philippine Pharmacopeia



In 2021, the Cagayan Valley and Davao HPPs participated in the collection of herbal plants for the development of Philippine Pharmacopeia spearheaded by the National Institute of Health (NIH)- University of the Philippines (UP), Manila. The two (2) HPPs provided the researchers with twenty-one (21) different local herbal plants collected in their respective localities.



Davao Herbal Processing Plant Collecting and Processing Herbal Plants for Philippine Pharmacopeia



UP Manila Researcher and Staff Collecting Herbal Plants for Philippine Pharmacopeia in Cagayan Valley Herbal Processing



Biology Graduate Student from Isabela conducting BSLA Test with technical assistance from CVHPP staff

Technical Assistance

CVHPP extended assistance to students and post-graduate researchers in their Institutional Animal Care and Use Committee (IACUC) application to the Department of Agriculture (DA), proper handling of test animals, administration of experimental test drug as well as analysis of experimental data. To support their researches, CVHPP maintains an animal house for breeding for research purposes and test animals are made available when needed.



Extraction of Plant Constituents using Rotavap for Student Researchers in Davao Herbal Processing Plant

Bureau Of Animal Industry (Bai) Registered Research Institution

In order to ensure the uninterrupted conduct of experimental researches in the institution, CVHPP applied for the registration of the Animal House and was granted a "BAI Registration Permit" that is valid until October 11, 2024. At present, CVHPP animal facility is the only BAI Registered Research Institution within the region.



Cagayan Valley Herbal Processing Plant



Tacloban Herbal Processing Plant



Davao Herbal Processing Plant



DIRECTOR GENERAL'S SPEAKING ENGAGEMENTS

Local Speaking Engagements

Regulatory and Funding Institute Perspective

Director General de Guzman was invited as a Plenary Speaker on "Regulatory and Funding Institute Perspective" during the 3rd Philippine Herbal Medicine Summit on Jan. 26, 2021.



HILOM: Gamot at Dunong ng Nino't Kalikasan

Director General de Guzman together with PITAHC former Director General, Dr. Isidro Sia, gave a lecture on Traditional Medicine as a Tool in Modern Medical Practice and the Role and Plans of PITAHC on how to Incorporate Traditional Medicine in Today's Medical Framework among the students of Ateneo de Manila University during the HILOM: Gamot at Dunong ng Nino't Kalikasan on April 26, 2021



Family Medicine Department of WVMC

Director General de Guzman presented the PITAHC Briefing and discussed possible partnership with Family Medicine Department of Western Visayas Medical Center on the promotion of T&CM on Feb. 24, 2021.



GO Shopping TV

Director General de Guzman was interviewed about the Herbal Medicines and how they can prevent COVID-19 during the interview with GO Shopping TV Philippines on May 21, 2021. Through this DG were able to promote PITAHC research studies and 10 halamang gamot approved by the DOH and the PITAHC herbal products.



Com. Exercises for Naturopathic Graduates

Director General de Guzman delivered an Inspirational message to the graduates of Naturopathy. DG De Guzman encouraged the graduates to pursue excellence in their chosen field of endeavor. She emphasized the importance of integrity and competency in their practice during the Commencement Exercises for Naturopathic Graduates of Richter School of Natural Therapeutics on July 9, 2021.



Phil. TCM and Acupuncture Association Meeting

Director General de Guzman presented the formulated Guidelines and Competency for Traditional Chinese Medicine and discussed the proposed amendment of RA 8423 among the officials and members of the association during the Philippine TCM and Acupuncture Assn., Inc meeting on Sept. 22, 2021. The association presented their position paper regarding the amendment of the RA 8423 in which they are in support of it.



Coaching and Mentoring for HP & CP of DOH CHD

Director General de Guzman gave an Orientation on Traditional and Alternative Care for Health Promotion and Advocacy during the Coaching and Mentoring for Health Promotion and Communication Program conducted by Central Visayas Center for Health Development of the Department of Health on September 30, 2021.



PAAI Convention

Director General de Guzman gave an inspirational message during the Philippine Association of Acupuncture, Inc. Convention with the theme "The Role of Acupuncture in Post-Covid Patient Care" on Oct. 23, 2021.



Philippine Qi Huang TCM Institute. Inc

Director General de Guzman gave special message during the opening ceremony of the Philippine Qi Huang TCM Institute. Inc, affiliated school of Fujian University of Traditional Chinese Medicine. During the ceremony, she received books donated by the Executive President of PQHTCM Insitute, Dr. Qiming Zhen on October 23, 2021.



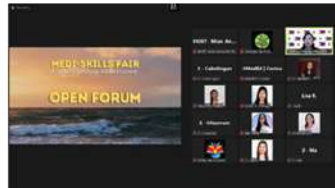
PAFP Webinar

Director General de Guzman gave a lecture among Family Medicine Doctors and Pharmacists about Herbal Medicines for Sore Throat during the Philippine Academy of Family Physicians webinar on October 19, 2021.



Siliman University

Director General de Guzman gave a lecture among medical students of Silliman University about Traditional and Complementary Medicine, Filipino plant based alternative medicine and the current status and researches regarding T&CM in the country on Nov. 20, 2021.



Herbal Remedies for Sore Throat

Director General de Guzman gave a lecture on Herbal Remedies for Sore Throat at the Lay Forum on Nov. 26, 2021.



International Speaking Engagements

Forum for Promoting Homeopathy

Director General de Guzman gave a message of support for promoting Homeopathy during the closing ceremony of Intl Forum for Promoting Homeopathy on March 21, 2021.



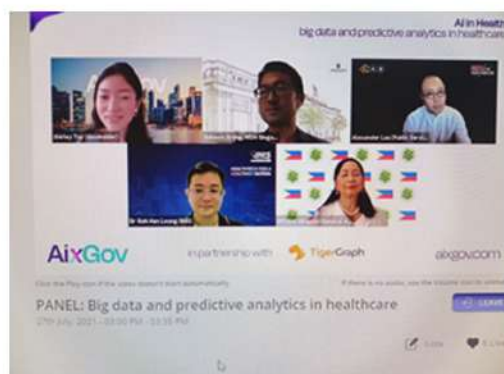
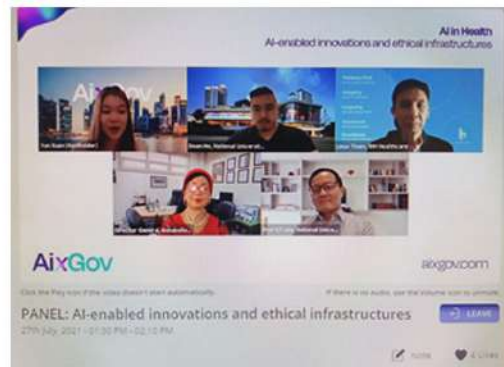
AI x Gov Virtual Festival

Director General de Guzman was invited as Guest of Honor and Panelist on the following topic during the AI x Gov Virtual festival on July 27, 2021:

- a. Big data and predictive analytics in healthcare
- b. AI-enabled innovations and ethical infrastructures

Cooperation to Fight Against COVID- 19 Pandemic

Director General de Guzman on behalf of the Department of Health, gave a keynote report on the Development of TCM and areas of cooperation between Philippines and China in relation to Traditional Chinese Medicine during the virtual forum of TCM and Intl Cooperation to Fight Against COVID- 19 pandemic on March 30, 2021



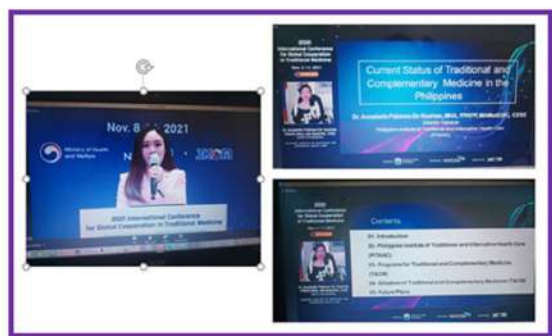
University of Indonesia

Director General de Guzman together with 3 Division Heads of PITAHC 3 Major Final Output, Atty. Carmencita D. Castro-Santos, Dr. Francis Vicente S. Ras and Dr. Rodrigo Angelo C. Ong, were interviewed by researchers from the University of Indonesia about the Traditional and Complementary Medicine in the Philippines on Sept. 22, 2021.



International Conference for Global Cooperation in Traditional Medicine

Director General de Guzman gave a lecture on the topic "The Current Status of Traditional and Complementary Medicine in the Philippines" during the 2021 International Conference for Global Cooperation in Traditional Medicine on Nov. 8, 2021.



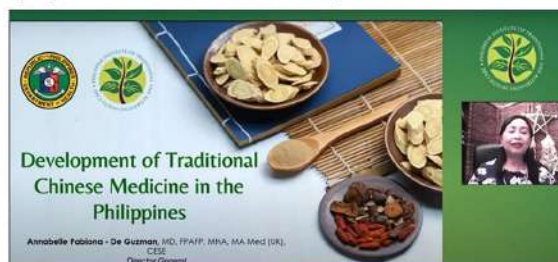
ASEAN CPhI South East Asia 2021

Director General de Guzman was invited as one of the speakers for the Herbal Medicine Development in the Philippines. She gave a lecture on the herbal medicines in the Philippines and herbal developments against COVID-19 virus during the ASEAN CPhI South East Asia 2021 on Dec. 8, 2021.



1st Maritime Silk Road TCM Health Forum and 13th Cross Strait Symposium on TCM

Director General de Guzman was invited to share the Policy and Development of Traditional Chinese Medicine in the Philippines. The Fujian University has recognized the significant contribution of PITAHC under the leadership of Dir. Gen Annabelle Pabiona-De Guzman in the development of TCM during the 1st Maritime Silk Road TCM Health Forum and 13th Cross Strait Symposium on TCM on Dec. 18, 2021.



Key Accomplishments

ISO 9001:2015 Certification

PITAHC maintained its ISO 9001:2015 certification by passing its second surveillance audit by its certifying body, NQA Philippines last January 29, 2021. Likewise, PITAHC was granted extension of its certificate until June 17, 2022.



Freedom of Information Award

The annual Freedom of Information Award (FOI) is a national recognition given by the Presidential Communications Operations Office (PCOO) through the Freedom of Information - Presidential Management Office (FOI-PMO) to individuals, agencies, and organizations who have significant contributions towards the advancement of significant access to information in the Philippines. PITAHC was conferred the FOI CHAMPION AWARD 2nd Runner-Up under the Government-Owned and Controlled Corporations category based on exemplifying and brought honor and recognition through excellence and distinction in the pursuit of ensuring the constitutional mandate of the organization.



Key Accomplishments

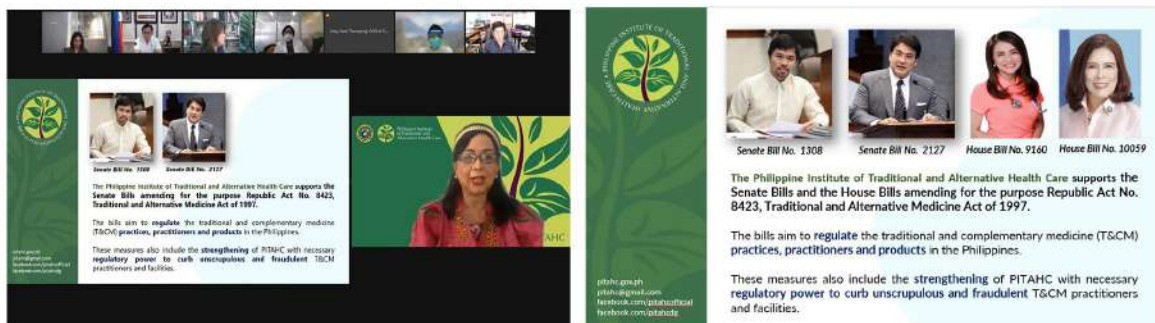
International Partnership / Collaboration

Director General de Guzman collaborated with the Ambassador of India to the Philippines for potential projects and partnership with PITAHC. In coordination with the Department of Foreign Affairs (DFA) and the Department of Health (DOH), a Memorandum of Understanding (MOU) with the National Institute of Ayurveda in India was forged to establish official partnership with India specifically on the practice of Ayurveda in the Philippines.



Amendment of RA 8423 on the Traditional and Alternative Medicine Act Of 1997

The amendment of the TAMA law seeks to give PITAHC full regulatory powers over Traditional and Complementary Medicine (T & CM) practice, practitioners and products. As of 2021, there were already four (4) bills that were filed; two (2) at the Senate and two (2) at the Congress. Several hearings and deliberations at the lower house were already conducted on the proposed amendment.



Human Resource Management

Recruitment

PITAHC recognizes the value of hiring/promoting the best and most qualified applicants to carry out the Institute's mandate and achieve its strategic goals and objectives.

For the period January to December 2021, PITAHC has:



UTILIZATION OF
SOCIAL MEDIA AND
OTHER WEBSITES IN
POSTING THE
VACANCIES

Published and posted a total of sixteen (16) vacant positions in social media and other website



317 JOB
APPLICATIONS
RECEIVED AND
CONSOLIDATED

Received and consolidated a total of three-hundred and seventeen (317) job applications for the 16 vacant positions



9 ADDITIONAL
EMPLOYEES



4 PROMOTED

Hired nine (9) additional employees and promoted four (4) internal employees

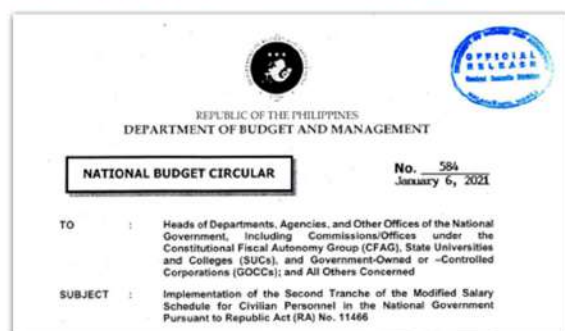


13 APPOINTMENTS
PROCESSED AND
SUBMITTED TO CSC

Processed thirteen (13) appointments and submitted to Civil Service Commission (CSC)

Compensation

PITAHC has implemented National Budget Circular No. 584 dated January 6, 2021 or the Implementation of the Second Tranche of the Modified Salary Schedule for Civilian Personnel in the National Government Pursuant to Republic Act (RA) No. 11466 effective January 01, 2021.



Human Resource Development

PITAHC values the professional 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.

Despite the Coronavirus Disease 2019 (COVID-19) pandemic, for the period January to December 2021, PITAHC has coordinated a total of forty-eight (48) HRD activities for its seventy-five (75) officials and personnel from the Central Office and the three (3) Herbal Processing Plants (HPPs).

PITAHC officials and personnel attended and participated in forty-eight (48) trainings, seminars, workshops, orientations, and conferences, namely:

1. PITAHC General Assembly on January 18, 2021 via Zoom Meeting
2. First Virtual Annual Convention of the Nutritionist-Dietitians' Association of the Philippines on February 20-27, 2021
3. FY 2021 Procurement Forum on January 21, 2021 via Zoom Webinar
4. Budget Fora on the FY 2022 Budget Preparation on January 26-29, 2021 via the Learning Management System Portal and Zoom Meeting
5. DOH Budget Forum for CY 2022 on January 27, 2021 via Webex Virtual Conference Platform
6. PITAHC General Assembly on February 8, 2021 via Zoom Meeting

7. Workshop on the Preparation of the CY 2022 Work and Financial Plan on February 10-11, 2021 at the PITAHC Audio-Visual Room
8. PITAHC General Assembly on February 15, 2021 via Zoom Meeting
9. Corporate Orientation Course on February 17, 2021 via Zoom Meeting
10. Inaugural Session of the 2021 Career Executive Service (CES) Leadership Conclave on February 26, 2021 via Zoom Webinar
11. PITAHC General Assembly on March 1, 2021 via Zoom Meeting
12. Basic Course on Regulatory Impact Analysis (Batch 1) on March 2-5, 2021
13. eLearning Course on Recruitment, Selection, and Placement for PRIME-HRM Level 2 on March 15-29, 2021 via Zoom Webinar
14. PITAHC General Assembly on April 5, 2021 via Zoom Meeting
15. Basic Course on Regulatory Impact Analysis (Batch 2) on April 27-30, 2021
16. PITAHC General Assembly on May 3, 2021 via Zoom Meeting
17. Training and Consultancy on the Overall Enhancement of Documented Information on PITAHC's Quality Manual on May 5, 7, 12 and 14, 2021 via Zoom Meeting
18. Formulating Values Policy Guidelines on May 6-24, 2021 via Zoom Webinar
19. Training and Consultancy on the Development and Finalization of the Strategic and Process-Based Quality Objectives and Plans and Their Alignment with the Context Diagrams on May 19, 21, 26 and 28, 2021 via Zoom Meeting
20. PITAHC General Assembly on June 7, 2021 via Zoom Meeting
21. Training and Consultancy on the Enhancement of Risk Registers and Documented Information on June 9 and 11, 2021 via Zoom Meeting
22. Webinar on Records Disposition Administration on June 14-18, 2021
23. Training and Consultancy on Documented Information and Enhancement of Procedures, Documents, Records, and Master Lists on June 16 and 18, 2021 via Zoom Meeting
24. PITAHC General Assembly on July 5, 2021 via Zoom Meeting
25. Training on the Enhancement of Internal Quality Auditors on July 27-30, 2021 via Zoom Meeting
26. PhilGEPS Training for Phase 1 on July 30-31, 2021 via Videoconferencing
27. PITAHC General Assembly on August 2, 2021 via Zoom Meeting
28. Advance Course on Regulatory Impact Analysis on August 3-4 and 10-11, 2021 via Zoom Meeting
29. Guiding Principles on the Management of Government Funds and Properties (Laws, Rules and Regulations on Government Expenditures) on August 4-6, 2021 via Zoom Webinar
30. Workshop on the Development of Strategic Directions for 2021 on August 20, 2021 via Zoom Meeting
31. Webinar Series on Gender Analysis (GA) and GA Tools on August 24, 2021 via Zoom Webinar
32. VRO Training the Trainers Training on August 24-27, 2021 via Zoom Webinar
33. Internal Control System for Property and Supply Management (Appraisal and Disposal) on August 25-27, 2021 via Zoom Webinar
34. PITAHC General Assembly on September 6, 2021 via Zoom Meeting
35. 2nd HADSAP Talk on September 9, 2021 via Zoom Webinar
36. Training on Completed Staff Work on September 13-16, 2021 via Virtual Platform
37. PITAHC General Assembly on October 11, 2021 via Zoom Meeting
38. Guiding Principles on the Management of Government Funds and Properties (Laws, Rules and Regulations on Government Expenditures) on October 20-22, 2021 via Zoom Webinar
39. 7th Annual Capacity Building for Values Restoration Officers on October 27-29, 2021 via Virtual Webinar
40. Training and Webinar on the Establishment of the Records Management Program in the Government Office on October 27-29, 2021 via Zoom Webinar
41. Webinar on Employees Well-being and Resiliency in the New Normal on October 30, 2021 via Virtual Platform
42. PITAHC General Assembly on November 8, 2021 via Zoom Meeting
43. Training on Healthcare at Scale: Inspiration from Traditional AYUSH Medicine Systems of India on November 8-19, 2021 via Virtual Platform
44. CES Lifelong Learning for Leadership Congress on November 9-12, 2021 via Virtual Platform
45. OADR Webinar Series Episode 10 on ADR in the Government on November 12, 2021 via Zoom Webinar and Facebook Live
46. Training on Continuous Improvement Methodologies (Root Cause Analysis) on December 2-3, 2021 via Zoom Meeting
47. Continuation of the Training on Continuous Improvement Methodologies (Root Cause Analysis) on December 16, 2021 via Zoom Meeting
48. PITAHC General Assembly on December 20, 2021 via Zoom Meeting

Future Plans

1. To boost PITAHC'S image as a research and regulatory Institute for T & CM in the Philippines.
2. Sustainability of PITAHC ISO 9001:2015 recertification on its quality management system.
3. Amendment of TAMA Law to include regulatory powers of PITAHC on T & CM practice, practitioners and products.
4. Implementation of health policy systems on the regulation of T & CM modalities.
5. Distribution of HerbMap packages for free consisting of herbal products to target beneficiaries.
6. Establishment of PITAHC, Central Office research laboratory for its in-house research and development.
7. Development of Philhealth benefit package for Acupuncture.
8. Implementation of Communication Plan of the Institute.
9. Automation of applications for certification/accreditation of T & CM practitioners and facilities using PITAHC's One-Stop-Shop.
10. Continuous implementation of filing up of priority plantilla positions and learning and development of PITAHC staff.
11. Production of quality and affordable herbal products by the three (3) HPP's to ensure availability and accessibility to the general public.
12. Continuous collaboration/cooperation and partnership with international organizations/partners on T & CM.
13. Application for Certificate of Product Registration of Ulasimang Bato as anti-gout and production to commence and made available to the public once approved by the Food and Drug Administration.

Statements of Financial Position

PHILIPPINE INSTITUTE OF TRADITIONAL AND ALTERNATIVE HEALTH CARE STATEMENTS OF FINANCIAL POSITION

(As at November 30, 2021 and November 30, 2020 in Philippine peso)

	2021	2020
ASSETS		
Current Assets		
Cash and Cash Equivalents	64,129,539	33,646,915
Financial Assets	91,644,008	90,907,275
Receivables	66,291,912	4,838,681
Inventories	27,400,716	15,700,029
Other Current Assets	6,115,417	3,577,241
Total Current Assets	255,581,592	148,670,141
Non-Current Assets		
Property, Plant and Equipment - Net	113,011,254	105,509,558
Intangible Assets	1,084,466	114,490,715
Biological Assets	116,800	37,950
Other Non-Current Assets	127,048	128,868
Total Non-Current Assets	114,339,568	220,167,090
TOTAL ASSETS	369,921,160	368,837,232
LIABILITIES		
Current Liabilities		
Financial Liabilities	4,394,661	54,495,104
Inter-Agency Payables	3,726,246	3,762,986
Provisions	12,581,050	
Trust Liabilities	3,044,123	3,351,217
Deferred Credits/Unearned Income	159,514	178,385
Other Payables	187,151	4,347,814
Total Current Liabilities	24,092,745	66,135,505
Non-Current Liabilities		
Total Non-Current Liabilities	-	-
TOTAL LIABILITIES	24,092,745	66,135,505
TOTAL ASSETS LESS TOTAL LIABILITIES	345,828,415	302,701,725
NET ASSETS/EQUITY		
Government Equity	345,828,415	302,701,725
TOTAL NET ASSETS/EQUITY	345,828,415	302,701,725

Statements of Financial Performance

PHILIPPINE INSTITUTE OF TRADITIONAL AND ALTERNATIVE HEALTH CARE STATEMENTS OF FINANCIAL PERFORMANCE (For period ended November 30, 2021 and November 30, 2020 in Philippine peso)		
	2021	2020
REVENUE		
Service Income	1,088,620	1,047,842
Business Income	4,805,862	2,825,335
Shares, Grants and Donations	3,466,727	2,349,303
Gains	43,150	41,400
Total Revenue	9,404,359	6,263,881
LESS: CURRENT OPERATING EXPENSES		
Personal Services	66,480,483	65,087,812
Maintenance and Other Operating Expenses	24,515,661	18,223,001
Financial Expenses	16,400	6,700
Direct Costs	1,411,549	178,341
Non-Cash Expenses	8,463,361	8,133,479
Total Current Operating Expenses	100,887,454	91,629,333
Deficit from Current Operations	(91,483,095)	(85,365,453)
Other Non-Operating Income	198,207	64,004
Discount and Rebates	(1,260)	(120)
Deficit before Tax	(91,286,148)	(85,301,569)
Income Tax Expense	(58,430)	(88,941)
Deficit after Tax	(91,344,578)	(85,390,511)
Subsidy from the National Government	131,466,000	92,836,000
Net Surplus for the Period	40,121,422	7,445,490

Acknowledgement

BOARD OF TRUSTEES

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Davao Herbal Processing Plant



2021

RESEARCH AND
DEVELOPMENT
SERVICES



TECHNICAL ADVISORY
AND ADVOCACY
SERVICES



REGULATION OF
TRADITIONAL
AND ALTERNATIVE
PRACTICE



2021 ANNUAL REPORT

Philippine Institute
of Traditional and
Alternative Health Care