**EVENT REPORT** 



RESEARCH AND INNOVATIONS IN HEALTH: Empowering and Transforming Communities



## PHILIPPINE NATIONAL HEALTH RESEARCH SYSTEM



he 11th PNHRS Week celebration was held at the Philippine International Convention Center (PICC) in Pasay City on 24-25 August 2017 and Preconference sessions at Hotel Jen Manila on 22-23 August 2017. It was attended by more than 600 stakeholders who participated in all the plenary and parallel sessions.

The conference focused on empowering and transforming communities through research and innovations in health. The celebration provided a platform for the different stakeholders in health R&D to interact, to learn from each other, to share information and experiences, to voice their concerns, and to contribute research-based solutions to health problems.

#### 7-8 August 2017, Pan Pacific Hotel, Manila

**PNHRS** 

#### PRECONFERENCE WRITING WORKSHOP

## 12th National Medical Writing and 5th Writeshop for Young Researchers

The two-day workshop helped investigators in health and health social sciences acquire practical knowledge and skills in preparing a scientific article for publication in a scholarly peer-reviewed journal. A total of 37 emerging researchers participated the event.

The structure of a scientific paper, the individual components of the paper, and how to prepare a manuscript were discussed in the workshop. Participants also learned how a manuscript is processed, the role of editors and peer reviewers and what they look for in a manuscript. After the lecture the participants had the opportunity to review and revise their manuscripts under the guidance of the faculty and mentor-facilitators.

Five researchers were given the "Most ready to publish paper award." Mr. Paul Froilan Garma, Ms. Anna Kristina Hernandez, and Dr. Anna Angelica Macalalad-Josue of the University of the Philippines Manila - Philippine General Hospital, Ms. Phyllis Anne Paclibare and Ms. Alyzza Marie Calayag of the University of the Philippines Diliman, received the award. The five research papers were considered the most organized and well-written among the 37 research papers reviewed.

22 August 2017 | 9AM-12PM Carlota Paz, Hotel Jen 1PM-5PM Ambassador Sala, Hotel Jen

#### PRECONFERENCE SHARE

## SHARE: Rallying Communicators for Science, Technology, and Innovation in Health

As a strategy to increase the mileage of health research, the Society of Health Research Communicators (SHARE) was introduced to build a network of communicators working with the PNHRS, helping the System bring its services to its different target stakeholders.

The session engaged the PNHRS Research Utilization (RU) Committees to formulate plans for communicating and translating research to benefit the System's stakeholders.

During the morning session the three invited speakers highlighted the importance of engaging the public, taking advantage of social media platforms, and knowing your audience in communicating in health research. They affirmed that forming a community of communicators who will share health research stories with a purpose of reaching and benefiting the stakeholders will help to maximize the reach of health research results and create greater impact.

In the afternoon workshop, the RU committee members formulated their strategies and communication plans for the next few years. Majority of the group showed in their formulated plans that there is a need to champion health research information dissemination by developing programs, creating partnerships with media, and pushing for capacitybuilding initiatives that will drive interest in the community.









#### 22 August 2017 | 8AM-5PM Embassy Ballroom, Hotel Jen Manila

## PRECONFERENCE ETHICS

#### **Emerging Issues in Research Ethics**

Research ethics is a dynamic field which should respond to the everchanging landscape of health research in the country. Addressing emerging issues in research ethics is a challenging task which can be accomplished through (1) coordination and partnership among concerned agencies (e.g., PHREB, NCIP, IPOPHL, etc.); (2) collaboration among researchers; (3) compliance with international, national, and institutional laws (e.g., IP Code, IPRA, Data Privacy Act, etc.), policies, and guidelines (e.g., NEGHHR 2017).

Some recommendations from the invited speakers are: data privacy officers must be appointed in every research institution; capacity building must be conducted for specific and emerging research and ethical issues for researchers and Research Ethics Committees (RECs); and Free, Prior and Informed Consent (FPIC) process has to be amended to streamline process and enable flexibility to health research involving indigenous peoples.

#### PRECONFERENCE WORKSHOP

#### Philippine Association of Medical Journal Editors (PAMJE) Mini-Workshop on Research Protocol Writing

The workshop provided an avenue for researchers to gain awareness on research protocol writing in research for health. Relevant information on different criteria and guidelines in formulating research questions and drafting materials and methods in research paper were discussed. Likewise, the significance of reviewing literature, citing references, and planning the objectives and research design were tackled. The responsibility of every researcher to determine the internal (internal validity) value in the study that can be applied to the community outside (external validity) the study was emphasized during the discussion.



22 August 2017 | 8AM-5PM Magdalena Room, Hotel Jen
PRECONFERENCE
DRR PROGRAM REVIEW

## Health Research in Disaster Risk Reduction: Program Review

Four proposals under the Capacity Building on Health Research in Disaster Program namely, Palawan's Indigenous Cultural Community Disaster Risk Reduction Preparedness: Their Traditional Early Warning Systems and Food Security Practices; Awareness and Preparedness of WPU Constituents to Hazard-Induced Health Risks in the Province of Palawan; Quality of Drinking Water Supply in Flood-Prone Areas in San Jose, Occidental Mindoro; and Assessment of the Quality of Water, Sanitation and Hygiene Practices of Households in the Province of Quirino: A Basis for the Prevention of Flood-Associated Diseases and Hazards were evaluated.

To address several critical issues regarding the research proposals, Dr. Ofelia P. Saniel, Ophelia M. Mendoza, and Dr. Victorio B. Molina of UP Manila, Juan Ma. Pablo R. Nañagas of Asian Eye Institute, and Dr. Teodoro J. Herbosa of UP Diliman conveyed their comments and recommendations.

22 August 2017 | 8AM-12NN Ambassador Sala, Hotel Jen

PRECONFERENCE MEETING

## Meeting of the Regional Health Research and Development Consortia Secretariat

Relevant information and updates on research management, capacity building, research information, communication and utilization, as well as the other programs of DOST-PCHRD and administrative matters, were presented by DOST-PCHRD Project Officers to the representatives of the Regional Health Research and Development Consortia (RHRDCs). The meeting also served as a platform for the consortia staff to clarify issues and give their feedbacks and suggestions for the improvement in managing the operations of the RHRDCs. For next year's meeting, RHRDC cluster representatives will present and share the best practices that they are doing. Dr. Montoya concluded the meeting by posing a challenge to the RHRDCs to produce results that will contribute in the improvement of the quality of life of Filipinos through health research.

## PRECONFERENCE eHEALTH SUMMIT

#### eHealth Summit

This year's summit highlighted the emerging internet of things (IoT) technologies, its challenges and opportunities in the present health system of the country. The summit was attended by more than 300 participants.

Engr. Denis F. Villorante, Undersecretary for Development and Innovation - Department of Information and Communications Technology, in his keynote message, discussed how we can take advantage of ICT. He said that the challenge is to maintain, scaleup and sustain the current initiatives, and persevere in achieving the national goal of implementating ICT in all public health facilities and having ICT-enabled health services.

This national ICT goal will require the cooperation of the whole of government and the private sector. To contribute to this goal, DICT will be providing the infrastructure and the tools needed and they will implement the national broadband plan that will connect major government agencies in the country. He added that this will only be possible if we have connectivity and systems that are interoperable.

#### Plenary 1 | PLANS, INITIATIVES, IMPLEMENTATION

The eHealth plan for 2017-2022 was presented. Ehealth plan will help address two challenges in our health system: access to health care delivery and access to real-time information for informed decision making. As part of the strategy for the Philippine Health Agenda, ACHIEVE was coined.

- (A) Advance health promotion, primary care and quality
- (C) Cover all Filipinos against financial health risk
- (H) Harness the power of strategic Human Resourcs for Health (HRH)
- (I) Invest in eHealth and data for decision making
- (E) Enforce standards, accountability, and transparency
- (V) Value all clients and patients, especially the poor, marginalized and vulnerable
- (E) Elicit multi-stakeholder support for health

#### Plenary 2 | FROM HACKATHON TO INCUBATION TO UTILIZATION

The presentation discussed the status and importance of hackathon in the country. It was highlighted that great ideas could originate from these short sessions of software creation that could highly be beneficial to the health research community, as long as there is a significant follow up and support that will come from both the government and the private sector.

#### **Plenary 3** | PHILIPPINE HEALTH INFORMATION EXCHANGE (PHIE) AND PARALLEL DEVELOPMENTS

The session provided updates on the status of the implementation of the Philippine Health Information Exchange (PHIE) and initiatives that complement efforts towards the use of electronic medical record (EMR). The different sectors of the government are working towards the implementation of the Joint AO 2016-0003 "Adoption of the Philippine Health Information Exchange (PHIE) Lite", which is targeting use of EMR of all PhilHealth accredited facilities by 2018. At the community and institutional level, there are forms of initiative such as eHatid and HealthBlocks which complements the efforts of the government in making health information easily accessible to patients and health care providers through a secure platform, and making use of these information for informed decision and policy making. Strong political commitment and collaboration between the public and private sector has been emphasized to realize the objectives of PHIE.











23 August 2017 | 8AM-5PM Ambassador Sala, Hotel Jen

#### PRECONFERENCE NATIONAL CONSULTATION

## National Consultation on the Development of Technical Review Board Manual for Regional Health Research and Development Consortia

With the goal of improving the Technical Review Board (TRB) Manual, participants of the national consultation were divided into four groups to discuss topics on (1) Call for Proposals, (2) Mentoring, (3) Membership and Composition and (4) Other Issues - Screening, Evaluating and Monitoring of Proposals. The TRB Manual will be revised based on the comments and suggestions gathered during the workshop.

Dr. Jaime C. Montoya said that in line with the President's agenda to empower the regions, the RHRDCs should be selfsustaining and self-productive. He encouraged the Regional Health Research and Development Consortia - Research Management Committee (RHRDC-RMC) to continuously capacitate themselves in order to be capable of reviewing research proposal. He also reminded them to be open in requesting other experts to evaluate the health research proposals received, when the need arises. Lastly, he praised the participants for their contribution in the development of a harmonized TRB Manual.

Dr. Noel Juban, project leader, thanked the participants for their contribution during the consultation meeting and asked their cooperation for future activities in line with this project. Ms. Carina Rebulanan, Chief, Institution Development Division - PCHRD, said that DOST-PCHRD is always ready to help in capacitating researchers in the region to produce quality health research proposals for funding under the Regional Research Fund Initiative. Further, she informed the participants that the manual will be launched during the celebration of DOST-PCHRD Anniversary in March 2018.

23 August 2017 | 8AM-12NN Magdalena Room, Hotel Jen

#### PRECONFERENCE ORIENTATION

#### Orientation of New Philippine Health Research Ethics Board (PHREB) Lecturers

New trainers and lecturers were oriented regarding the current administrative and logistical processes as well as standard teaching methods employed by the Committee on Information Dissemination, Training, and Advocacy (CIDTA) in its training programs. The current processes were discussed and various suggestions to improve training programs were raised.

23 August 2017 | 5PM–8PM Magdalena Room, Hotel Jen

#### PRECONFERENCE SOME

#### PNHRS Structure, Organization, Monitoring & Evaluation (SOME) Committee Meeting

The draft operations manual of the Metro Manila Health Research and Development Consortium (MMHRDC), and the roles and functions of the different committees of the consortium were discussed. During the open forum, the participants discussed the plan to create an operations manual for each regional consortium, and suggested some topics to be included. The PCHRD and MMHRDC also expressed willingness to share resources and provide technical assistance to the regional consortia in drafting their own operations manual.

23 August 2017 | 6PM-9PM Hortencia Room, Hotel Jen

#### PRECONFERENCE CBC

#### **PNHRS Capacity Building Committee Networking Cocktail Dinner**

The Philippine National Health Research System Capacity Building Committee (PNHRS CBC) hosted a Networking Cocktail Dinner to strengthen partnership and to orient key players on the objectives and future direction of the committee. PNHRS Implementing Agencies shared their new capacity building programs and challenged the RHRDC CBC to support the plans and undertakings of the PNHRS and PNHRS CBC. Dr. Vicente Belizario, CBC Chair, updated the participants on the new objectives of the PNHRS CBC and asked the RHRDCs to assist the Committee in attaining the goals. In behalf of the RHRDC CBC, Ms. Arendain, Chair of the Capacity Building Committee of Health Research and Development Consortium in Region XII and Education Supervisor II, Commission on Higher Education (CHED) Region XII, pledged their support in carrying-out the plans.



PNHRS

#### **OPENING CEREMONIES**



















## PNHRS LAUNCHES

## National Ethical Guidelines for Health and Health-Related Research

Presented by Dr. Marita V.T. Reyes, Chair, Technical Working Group on the 2017 National Ethical Guidelines for Health and Health-Related Research and Dr. Leonardo de Castro, Chair, PHREB, this edition of the National Ethical Guidelines seeks to address the question as to what constitutes health research while plugging gaps in areas not sufficiently covered in previous editions. It reflects the faithfulness of the PHREB to its responsibility to ethics in health research.

The new edition seeks to address the question as to what constitutes health research while filling the gaps in areas not sufficiently covered in earlier editions. Likewise, it gives due course to the nuances in principles and regulations as they apply to different fields, types, and methodologies of research. Recognizing the broad understanding of health and the dimensions of disease and illness, the Guidelines also features a detailed section on health-related social science research.

## Visualize Health Research: Visual Abstract Contest

With the goal of reaching a wider audience in the dissemination of health research results in Twitter and Facebook, the PCHRD-DOST organized the Visualize Health Research, A Visual Abstract Contest Presented by Dr. Iris Thiele Isip-Tan, Chief, University of the Philippines Manila Medical Informatics Unit.

24 August 2017 | 11:00 AM Meeting Room 1, PICC

PLENARY 1 NUHRA

# Investing in the Implementation of the National Unified Health Research Agenda (NUHRA) 2017-2022

NUHRA serves an important role in Philippine health research, particularly in guiding investments in research and ensuring that health research is linked to the health system needs and opportunities. The PNHRS has developed the third NUHRA, in partnership with the Alliance for Improving Health Outcomes (AIHO), with a robust contextual analysis, ownership, and strong vision.

To overcome the challenges in implementing NUHRA, panelists offer some strategies and approaches, namely:

- Investing in health research should be targeted to our goals and based on current strengths
- Health research needs a healthy policy environment
- We must be smarter in communicating our intention to enhance health research
- A strategic communication plan to disseminate the agenda must be established
- A clear framework to demonstrate the impact of NUHRA must also be developed
- A multi-stakeholder approach is necessary (public, private and non-government organizations must become partners of the government in promoting the research priorities)
- Enjoin the participation of our teachers involved in health research in universities and state colleges so that they may be advocates of health research and NUHRA.
- Our health products and technology must be geared towards addressing a key health problem in the community
- Wider dissemination of the NUHRA to encourage young researchers to participate in health research and policy making.



#### PARALLEL SESSION 1 STUDENT ORAL RESEARCH PAPER PRESENTATION

Place	Title of the Study	Presenter	Consortium
1 <sup>st</sup>	Photocatalytic and Antimicrobial studies of Polyhydroxybutyrate-co- hydroxyhexonoate (PHB-HH)/ TiO2 Nanocomposite Film	Ms. Gayle B. Lagmay, University of the Philippines Mindanao	Region 11 Health Research and Development Consortium
2 <sup>nd</sup>	Antimicrobial Potential: Synergistic Effects of Acapulco ( <i>S. alata</i> ) flower extracts and Makabuhay ( <i>T. rumphi</i> ) stem Extracts against Selected Foodborne and gastrointestinal bacteria	Mr. Marc Joseph F. Talaboc, Ateneo de Zamboanga University	Zamboanga Consortium for Health Research and Development
3 <sup>rd</sup>	Hypoglycemic Potential of <i>Coffea canephora</i> Pierre ex A. Froehner (ROBUSTA) Fruit Pulp Extract in alloxan-induced Diabetic Rats	Ms. Frances Diane P. Gelle, De La Salle University Dasmariñas	Health Research and Development Consortium Region 4A

#### 24 August 2017 | 1:30PM-5:00PM Meeting Room 3, PICC

PARALLEL SESSION 2	PROFESSIONAL ORAL RESEARCH PAPER PRESENTATION
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Pl	ace	Title of the Study	Presenter	Consortium
1	st	Prevalence of Leptospira in Abbatoir Workers, Slaughtered Animals and Abbatoir Environment in Cavite, Philippines	Dr. Norbel A. Tabo, De La Salle University - Dasmariñas	Health Research and Development Consortium Region 4A
2	nd	A Gastropod Survey and Geographical Distribution of Snail Vectors of Schistosomiasis in Lake Mainit, Philippines	Dr. Joycelyn C. Jumawan, CARAGA State University	CARAGA Health Research and Development Consortium
3	rd	Blockade of LTB4 and TNFα Secretion Excreted Wild Raspberry ( <i>Rubus</i> <i>rosifolius Sm</i> .) in LPS- simulated RTAW264.7 Murine Macrophages	Mr. Neil Jade G. Palude, St. Luke's College of Medicine – William H. Quasha Memorial	Metro Manila Health Research and Development Consortium



24 August 2017 | 1:30PM-5:00PM Meeting Room 5, PICC

#### PARALLEL SESSION 3 DRUG ADDICTION AND MENTAL HEALTH

## **Drug Addiction and Mental Health Session**

The session brought together practitioners and experts who are undertaking research and innovations in drug addiction recovery and rehabilitation, and mental health. The the Talisay City community-based outpatient treatment and aftercare program for drug dependents was presented.

The 90-day outpatient recovery program is based on the 12-step program of Narcotics Anonymous and the cognitive behavioral therapy (CBT) for recovery from the effects of addiction.Likewise, the research implications on mental health systems were discussed and the following recommendations were proposed:

- 1. Use the conceptual framework for community mental health that will guide inquiry, evaluation and intervention to guide researchers and people working for community mental health.
- 2. Create and evaluate innovative programs on mental health that goes beyond the clinical care of the mentally ill and considers the strength and resilience of the family and community.
- 3. Use the General Systems Theory when developing health system research.
- 4. Find out the nature and extent of the problem, on a national, regional, provincial and barangay levels through epidemiological researches.
- 5. Support the nationwide implementation of the Philippine Health Information System which is hospital-based.
- 6. The three panelists emphasized the important role of the communities in dealing with the problem of drug addiction and mental health.

24 August 2017 | 1:30PM-5:00PM Meeting Room 6 , PICC

PARALLEL SESSION 4	ISLANDS OF WEALTH AND WELLNESS
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## Islands of Wealth and Wellness

Philippines is endowed with a rich biodiversity and cultural heritage having 110 indigenous communities and more than 185 ethnolinguistic groups. Each local community holds a distinct body of traditional knowledge and practices in health and healing. In parallel, the wellness industry in our country is on the rise tapping our flora and fauna and our traditional healing heritage. While science explores the rich biodiversity as possible sources of health products, it (science) may also attract tourism and industry that may compromise our cultural and indigenous communities- from protecting their rights, ensuring an inclusive growth and equitable benefit sharing, maintaining the pristine and quaint environment, among others.

The session discussed science and culture, trade and communities, and tourism and ecology. It was highlighted that the Philippines has an abundance of natural resources that gives us a very competitive advantage in terms of market and tourism. However, it is necessary to ensure sustainability— in utilizing the benefits from our natural resources, we must ensure that the resources are not depleted and the local communities are given equal opportunities and benefits.





24 August 2017 | 1:30PM-5:00PM Meeting Room 7, PICC

PARALLEL SESSION 5 THE HEALTH OF MARAWI

#### The Health of Marawi

The situation in Marawi was discussed from the geographical location and socioeconomic status, the terror attack, disaster response, relief operations, and meetings for recovery in Marawi. The presentation fueled a passionate discussion on the solutions, best practices, coordination and collaboration, ethical considerations in doing Disaster Risk Reduction (DRR) health research, and better plan to mitigate disasters. Water sanitation and hygiene, maternal and children, mental health, are important issues that were tackled as well.

The session underscored the importance of inclusion of the victims of disaster in the planning and discussion in any research undertaking.

24 August 2017 | 1:30PM-5:00PM Meeting Room 8 , PICC

PARALLEL SESSION 6 CONTRIBUTED PAPERS

# Alternative Gender-Aware Indices for Measuring Poverty: Implication for Healthcare of the Poor

The study challenges the current standards of poverty assessment set by the World Bank and the International Monetary Fund (IMF) which only measures poverty in households through living on a set amount of money per day. Researchers argued that there are multiple factors that could affect and determine poverty hence, they developed the Individual Deprivation Measure (IDM) through surveying indigent communities and asking them to list items and provisions that they believe would help remove them from poverty.

# Innovative Strategy Towards Sustainable Control and Elimination of Schistosomiasis in the Philippines

The study emphasized the need to develop a vaccine that would produce long term immunity for humans, and also for bovines, which are the transmitters of disease. The presentation focused on a more strategical approach on the elimination of Schistosomiasis through reducing infection factors, especially through bovine transmission. By controlling intermediate hosts of *S. Japonicum*, schistosomiasis cases would greatly decrease as there would be no way for the virus to proliferate.

25 August 2017 | 8:30AM-11:30AM Meeting Room 1 , PICC

PLENARY 2 NUHRA

#### Deploying and Investing in the Human Capital for the National Unified Health Research Agenda (NUHRA)

Solutions for major issues in health research are in progress, but it was underlined that there is still need to discuss the issues on building critical mass of researchers, the need for information dissemination to successfully implement NUHRA, benchmarking in terms of research quantity and quality, and the alignment of research outputs to key problems in the country.

All stakeholders will play a significant role in the successful implementation of the NUHRA; however, it was emphasized that academic institutions play a big part as they serve as research hubs that will train the next generation of researchers.

25 August 2017 | 11:30AM Meeting Room 1 , PICC

## Closing

In his closing remarks, Dr. Alfonso P. Alamban, Region 10 Director, said that the PNHRS week, with the theme, Research and Innovation in Health: Empowering and Transforming Communities, serves as a reminder that the health research system play a huge part in addressing the current health challenges in the country through innovative and balanced approaches to health and health research that will eventually improve the lives of people in the community.





## PNHRS

**AWARDS** 

## ACCREDITATION OF RESEARCH ETHICS COMMITTEES

The following RECs were awarded level 1, 2, and 3 PHREB accreditation, respectively:

#### Level 1

- Region 11 Health Research and Development Consortium Ethics Review Committee
- Central Luzon Health Research and Development Consortium Ethics Review Committee Tarlac State University Research Ethics Review Committee 2.
- Adamson University Ethics Review Committee 4.

#### Level 2

- University of Santo Tomas College of Rehabilitation Sciences Ethics Review Committee
- 2.
- 3.
- 4
- University of Santo Tomas Graduate School Ethics Review Committee San Pedro Hospital of Davao Research Ethics Review Committee Ateneo de Manila University Ethics Review Committee Bicol Regional Training and Teaching Hospital Institutional Review Board Zamboanga City Medical Center Ethics Review Board 5. 6.

#### Level 3

- Food and Nutrition Research Institute Institutional Ethics Review Committee 1
- 2. 3.
- Quirino Memorial Medical Center Hospital Ethics Committee San Juan de Dios Educational Foundation, Inc. (Hospital) Institutional Review Board Peregrine Eye and Laser Institute Institutional Review Board
- 4.
- Angeles University Foundation Institutional Ethics Review Committee 5.
- 6. St. Paul's Hospital of Iloilo – Institutional Review Board
- Corazon Locsin Montelibano Memorial Regional Hospital Research Ethics Review Committee 7.
- Cebu Doctors University Hospital Research Ethics Committee Davao Doctors Hospital Institutional Ethics Review Committee 8. 9

## Top 3 Institutions contributing in HERDIN

Philippine Heart Center University of Visayas Mindanao State University – Iligan Institute of Technology

#### **Top Consortium Website**

- Region 1 1.
- Region 2 Region 3 2. 3. 4.
- Region 7 5. Region 11
- 6. CARAGA



#### **Poster Exhibit - Student Category**

Place	Title of the Study	Presenter	Consortium
1 <sup>st</sup>	Courtship Duet Between the Female and the Male Aedes aegypti queenslandensis (Theobald) (Diptera Culicidae) under Laboratory Conditions	Elaisa Mae Jamora, Zaira Isabelle Gines, Rommel Bacabac and Frances Edillo, University of San Carlos	Regional Health Research and Development Foundation-7
2 <sup>nd</sup>	IMCI Mobile Application as an Alternative Tool for Health Care Providers	Nicole Keye C. Mondero, Ernestine C. Bayot, Angelica P. Barba, and Miriam J. Ferreria, Don Mariano Marcos Memorial State University	Region I Health Research and Development Consortium
3 <sup>rd</sup>	Investigative Study on the Antimicrobial Property of Sodium Alginate/ TiO2 Nanocomposite Film	Jessa Mae A. Villanueva, University of the Philippines Mindanao	Region 11 Health Research and Development Consortium

#### Poster Exhibit - Professional Category

Place	Title of the Study	Presenter	Consortium
1 <sup>st</sup>	Determining the Cytotoxic and Genetoxic Activities of Isothiocyanates Extracted from Three Cultivars of <i>Raphanus sativus L.</i> using the Comet Assay	Maria Carmen Tan, De La Salle University Manila	Metro Manila Health Research and Development Consortium
2 <sup>nd</sup>	Efficacy of Mandibular Advancement Device in the Treatment for Obstructive Sleep Apnea syndrome among Filipinos Seen in DOH Tertiary Hospital: A Pilot Study	Dr. Ja P. Malvar and Dr. Jose B. Orosa III, Mariano Marcos Memorial Hospital and Medical Center	Region I Health Research and Development Consortium
3 <sup>rd</sup>	Isolation and Molecular Identification of Lactic Acid Bacteria (LAB) from Tilapia ( <i>Oreochromis niloticus</i> ) as Potential Antagonist	Jacqueline V. Bagunu, Pampanga State Agricultural University	Central Luzon Health Research and Development Consortium

#### **Best Mentor in Health Research Award**

The Best Mentor in Health Research Award recognizes and rewards vital contributions of mentors in health research. Out of the six nominations for the award, Dr. Marissa Alejandria of the University of the Philippines College of Medicine and National Institutes of Health was chosen as the Best Mentor for the National Capital Region Cluster.

Dr. Alejandria was awarded a plaque of recognition and a cash prize of Two Hundred Thousand Pesos (PHP 200,000.00) during the 11th PNHRS Week celebration.

#### Alberto G. Romualdez Jr. Outstanding Health Research Award (AROHRA)

The Council gives the Alberto G. Romualdez Jr. Outstanding Health Research Award (AROHRA) to a research program or project that has demonstrated the link between research and practice through utilization of research findings in the health delivery system. The award is given in two categories: biomedical and health services research.

The winners were the "Scaling up rice fortification program through techno-transfer: A strategy towards nutrition security" of the Food and Nutrition Research Institute (FNRI) for the Biomedical Research Category and "National Vision Screening Program for Kindergarten Pupils" of the Philippine Eye Research Institute for the Health Services Research Category.

The winners for each category received a trophy and a cash prize of Five Hundred Thousand Pesos (PHP 500,000.00) and were awarded during the PNHRS Week celebration.

## **11<sup>TH</sup> PNHRS WEEK CELEBRATION**





















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