

DRAWING IN YOUNG RESEARCHERS INTO THE REGIONAL HEALTH RESEARCH SYSTEMS



PHOTO BY: EFREN C. JAMOLOD, JR.

ANNUAL REPORT 2010



PCHRD

PCHRD @ 28



Philippine Council for Health Research and Development
Department of Science and Technology

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About PCHRD

The Philippine Council for Health Research and Development (PCHRD) is one of the three sectoral councils of the Department of Science and Technology (DOST). PCHRD is a forward-looking, partnership-based national body responsible for coordinating and monitoring health research activities in the country. Since its founding on 17 March 1982 through Executive Order No. 784, PCHRD has brought technical excellence with a soul into fulfilling its mandate.

The primordial source of health research leadership and direction in the country, PCHRD resolves to foster healthier and more productive lives among the Filipinos through health research and development (R&D).

Corporate Vision

The organization that creates and sustains an enabling environment for health research in the country

Vision for The Nation

A nation empowered by research-based knowledge, technologies, and innovations in health.

Mission

- Provide leadership in health research
- Advocate and support a health research culture
- Mobilize and complement health research resources to generate knowledge, technologies and innovations in health, and ensure their utilization
- Practise good governance to effectively perform the Council's role in leading, managing and coordinating the health research system

Message from The Secretary



When I was named DOST Secretary, I already had prior knowledge about the Philippine Council for Health Research and Development's (PCHRD) reputation for its leadership role in health research and development. I am pleased with the way they have supported initiatives that later became the basis for policies and programs of the national government, and developed indigenous herbal solutions that eventually made their way to small family-owned drugstores and large pharmaceutical chains.

Through this 2010 Annual Report, let me take this opportunity to salute PCHRD for promoting local technologies that have improved the lives of many Filipinos. I consider myself a nationalistic technopreneur, and my position has always been that the use of science and technology for the betterment of society in terms of improved products, services and solutions to the nation's problems is a winning business model. As the saying goes, practice what you preach.

The year 2010 saw the Council bestowing special recognition to the role of our young researchers in national development when, on the occasion of its 28th anniversary, PCHRD chose the theme "Drawing in Young Researchers into the Regional Health Research Systems." This highlights PCHRD's commitment toward the constant infusion of fresh, promising talent in its pool of scientists and researchers to ensure that health R&D shall continue to be responsive and in keeping with the demands of the Nation. The regional consortia approach has proven to be a good platform for opening new opportunities for the growth and development of our young researchers.

In addition, I find it equally important to recognize the Council's role in the Philippine National Health Research System (PNHRS). PCHRD's initiative, together with the other PNHRS core agencies, of putting the regional health research systems at the very core of the System is a sound strategy for more fruitful collaborations and resource sharing initiatives in the field.

With these initiatives, I commend PCHRD. The Council is clearly set to deliver more meaningful accomplishments in the coming years.

Mabuhay ang PCHRD!


MARIO G. MONTEJO

Message from The Executive Director

It is with real pride that I share with our partners and stakeholders of the Philippine Council for Health Research and Development (PCHRD) the fruits of our collaboration in 2010.

2010 was another milestone year for the Council as we welcomed a new leadership in the country, and in the Department, Secretary Mario G. Montejo. Under his stewardship, we can expect the DOST and PCHRD, in particular, to reach even greater heights as we continue to produce solid breakthroughs in health R&D and make a difference in the lives of the Filipino people.

In 2010, the Council pursued its efforts in strengthening the Philippine National Health Research System (PNHRS) and the health research infrastructure --- shifting to a program-based approach in the operations of our regional health research systems, supporting programs and projects in line with the National Unified Health Research Agenda (NUHRA), building a strong health research human resource base by drawing in young researchers into the regional health research systems, promoting ethical research, forging collaborations among researchers, policymakers, government agencies, international organizations and the public, and making sure that research results reach the doorsteps of the people.

On behalf of everyone in PCHRD, I thank all our partners and stakeholders in the health research system. The Council will not be able to accomplish so much in a year without your enormous support.

Mabuhay!

Jaime C. Montoya
JAIME C. MONTOYA, MD, MSc



PCHRD @ 28:

DRAWING IN YOUNG RESEARCHERS INTO THE REGIONAL HEALTH RESEARCH SYSTEMS

How to attract young people to a research career and develop them into productive health researchers was the main theme of the Council's 28th anniversary celebration.

With the theme "Drawing in Young Researchers into the Regional Health Research Systems," the celebration held

on 19 March 2010 at the Pan Pacific Manila convened stakeholders from the regional health research systems, academe, government agencies, industry, and civil society groups to share their experiences and insights as researchers and how they grew in their research career.

Keynote speaker to the panel discussion was Dr. Josette Biyo, Director of the Philippine Science High School-Western Visayas Campus. Dr. Biyo motivated the health research community to build a culture of science and research in the country. She stressed that the country can produce young minds who are creative, innovative and productive, and who will be able to think not only for them, but also for society.



In the panel discussion, resource persons brainstormed on possible strategies to entice young people to a research career. Among the strategies that came up included promoting awareness and appreciation of science towards the development of a science culture, capacity building for junior health researchers, and mentoring.

YOUNG RESEARCHERS @PNHRS

Moving The PNHRS Vision Forward



Photo by: Efrén C. Jaramolod Jr.

Revisiting PNHRS Vision, Mission, Goals and Strategies

Through the PNHRS Committee on Structure, Organization, Monitoring and Evaluation (SOME), the PNHRS core agencies held the PNHRS Planning Workshop on 17-18 March 2010 at the Pan Pacific Hotel.

On the first day of the workshop, the PNHRS revisited its vision and mission, goals, and strategies, making sure that the advocacy of placing the regional

health research systems at the helm of the PNHRS is indeed reflected in PNHRS activities. Other issues that were tackled included the identification of PNHRS core values, PNHRS' parameters of success, enabling mechanisms to help the regional consortia to achieve their goals, and monitoring and evaluation plans.

The second day of the workshop was participated in by representatives

from the regional health research consortia. The objective of this Regional Representatives' Workshop was for the regional consortia to make SMARTER plans for 2010 and improve their implementation record. A program-based approach was proposed for the operations of the regional health research systems in response to the recommendations of the SOME Committee in the 2009 regional assessment.



4th PHILIPPINE NATIONAL HEALTH RESEARCH SYSTEM WEEK

CONVERGENCE IN DIVERGENCE

RESOURCE SHARING FOR MORE
MILEAGE IN HEALTH RESEARCH

Close to 400 stakeholders from the different parts of the country gathered on 10-11 August 2010 for the celebration of the 4th Philippine National Health Research System (PNHRS) Week at the Crowne Plaza in Ortigas, Pasig City.

The two-day event provided a platform for the different stakeholders to interact, to learn from each other, to share information and experiences, to voice their concerns, to contribute research-based solutions to health problems, among other things. Highlights of the celebration included six parallel capacity building sessions, Young Researchers' Poster Exhibit Contest, a plenary session on Convergence in Divergence: Resource Sharing for More Mileage in Health Research, and awarding of the 2010 Outstanding Health Research (OHRA) winners.

During the first day of the celebration, six capacity building sessions were held simultaneously on the following topics: (1) Sustaining Quality Health Research through Ethical Review; (2) National Unified Health Research Agenda (NUHRA); (3) Technology Transfer Act of 2009 and University Readiness; (4)

Writing Your Research in Peer-Reviewed Journals; (5) Presentation of Regional Research Projects; and (6) Research Repository Now: Easing access to research and expertise.

In the session on Sustaining Quality Health Research through Ethical Review, researchers and research ethics advocates agreed on the creation of an organization or a national forum for health research ethics which will be comprised of all institutional ethics review committees in the country. The forum will serve as a venue to resolve issues related to research ethics, review existing guidelines, provide training on ethics review, disseminate relevant information and updates, share good practices, facilitate accreditation of institutional ethics review committees with FERCAP (Forum for Ethical Review Committees in the Asian and Western Pacific Region), among others.

The PNHRS Research Agenda Committee facilitated the session on the National Unified Health Research Agenda (NUHRA). Stakeholders identified challenges and issues surrounding the implementation of NUHRA such as the creation of a common holistic pro-

poor framework to link the different health research priorities, inclusion of new or emerging areas and research topics that would economically benefit the country, PNHRS' funding support for NUHRA, constant monitoring and evaluation as well as strategic and strong advocacy within the local government units, donors, researchers, public health agencies, among other stakeholders.

The session on Technology Transfer Act of 2009 and University Readiness tackled the promotion and adoption of the Republic Act 10055, more popularly known as the Philippine Technology Transfer Act of 2009. DOST Undersecretary Fortunato T. De La Peña discussed the Implementing Rules and Regulations (IRR) of the new law while Atty. Carmelita Yadao-Sison of the Commission on Higher Education (CHED) and Director Carmen G. Peralta of the Intellectual Property Office of the Philippines (IP Philippines) shared the progress of their Memorandum of Understanding (MOU) on University IP Policy Development. It was agreed that the provisions of Technology Transfer Act will be incorporated in the ongoing CHED and IP Philippines initiatives on IP



development.

Universities will also be encouraged to establish their own technology licensing offices to move research results and creative efforts from laboratories to the market.

“Why write?” was the burning question addressed to health researchers during the session on Writing Your Research in Peer-Reviewed Journals. Publication experts in the persons of Dr. Jose Ma. Avila of Acta Medica Philippina, Dr. Isagani Cruz of the De La Salle University’s Academic Publications Office (DLSU-APO), and Dr. Edsel Maurice Salvaña of the UP Manila – National Institutes of Health (UPM-NIH) emphasized the importance of publication in peer-reviewed journals as a means to achieve international recognition as an individual or an institution. Session participants agreed that writing research results in a refereed journal gives advantage to researchers in terms of competing for research fellowships, getting opportunities to lecture in scientific meetings, and applying for research funding/grants.

The session on Presentation of Regional

Research Projects served as an avenue for regional health researchers to showcase the results of their studies to fellow researchers, academicians, representatives from the government and private institutions. After their presentations, researchers outlined their recommendations for further study as well as possible partnerships that can facilitate the translation of the research results into policy or innovations.

The Research Repository Now: Easing Access to Research and Expertise session was facilitated by the PCHRD HERDIN (Health Research and Development Information Network) Team. The session paved the way for researchers, librarians, along with the other participants, to discuss how HERDIN could be of greater benefit to researchers as well as how HERDIN could be adopted by academe and health institutions in the regions. In line with the discussion, the participants flagged a number of helpful strategies to make HERDIN more useful and user-friendly such as promoting HERDIN as a portal, encouraging network institutions to contribute to the regional and national

repositories of health research and creating a Technical Working Group which will harmonize initiatives and standardize data exchange formats for the research inputs of higher education institutes.

The second day’s plenary focused on innovative and effective resource sharing mechanisms to promote and sustain health research in the country. Stakeholders agreed to act as one through swift, aggressive and essential approaches in order to achieve better health for all. Better linkage and focus on the National Unified Health Research Agenda (NUHRA) and pushing forward the enactment of the PNHR bill, at the local level, were emphasized.

The regions, being at the helm of the PNHRs, also shared good practices in resource sharing, such as converging and soliciting commitment of various institutions from different sectors and disciplines, engaging in collaborative health researches, mentoring of young researchers, and providing of counterpart fund, staff support, time as well as sharing of facilities/infrastructure, expertise, materials and information.

Setting Future Directions For Health Research



National Unified Health Research Agenda (NUHRA)

The National Unified Health Research Agenda (NUHRA) guides the health research community on the research studies that should be undertaken to address the health needs of the Filipinos. It specifies the areas and topics that need to be addressed in the next five years in line with global and national initiatives influencing the health sector. These initiatives include the Millennium Development Goals, the Medium-term

Philippine Development Plan, the DOH FOURmula ONE, and the Science and Technology Agenda.

In 2010, the PNHRs Research Agenda Committee assessed the NUHRA's performance and relevance prior to the preparation of the research agenda for 2011-2015. The assessment looked into the strengths, weaknesses, and challenges

in the development and implementation of the NUHRA 2006 – 2010, including the updated 2008-2010 version. Initial assessment results were reported during the 4th PNHRs Week Celebration last August 2010.

In line with the NUHRA, PCHRD supported a total of 42 projects, 7 of which were completed in 2010.

DISTRIBUTION OF R&D PROJECTS BY TYPE AND STATUS, 2010

PROJECT STATUS	PROJECT TYPE		TOTAL
	ASSISTED	MONITORED	
Completed	3	4	7
Ongoing	12	10	22
New	4	9	13
Total	19	23	42

Completed Projects

7th National Nutrition Survey Philippines, 2008: Reassessment of the Prevalence of Hypertension, Dyslipidemia, Diabetes Mellitus

The clinical and health component of the 7th National Nutrition Survey (NNS) reassessed the prevalence of three major risk factors or lifestyle-related diseases (hypertension, diabetes, and dyslipidemia) and three behavioral risk factors (smoking, alcohol intake and physical inactivity) among Filipino adults 20 years old and over. The prevalence data are important measurement of the magnitude of common non-communicable diseases (NCDs) in the country such as cardiovascular disease and cancer which may be used in health



planning and policymaking. Extracted blood samples from the adults were analyzed to determine levels of FBS, serum total cholesterol, HDL cholesterol, LDL cholesterol and triglycerides.

Face-to-face interview using World Health Organization (WHO) validated questionnaires was conducted to determine the prevalence of smoking, alcohol intake and low physical activity.

The study revealed increasing trends in the prevalence of NCD risk factors among the middle age adults and the elderly. The findings strongly support the need for appropriate and comprehensive health promotion strategies to meet the specific needs of various population groups enabling change at individual level to reduce the burden of chronic NCDs.

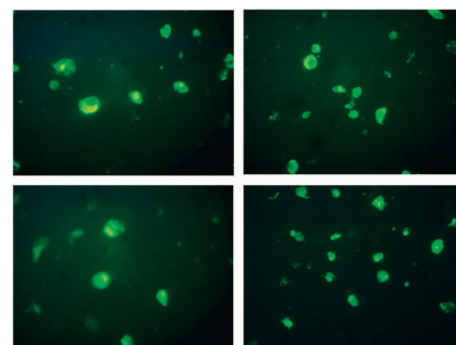
Prevalence of Pulmonary Tuberculosis among Prisoners and Jail Officers in the Philippines



Pulmonary tuberculosis (PTB) is a major public health problem even among prisoners and jail officers in the Philippines as confirmed by the study conducted in seven prison facilities in the country, namely, Cebu City Jail, Manila City Jail, Metro Manila District Jail, Antipolo City Jail, Davao City Jail, New Bilibid Prison, and the Correctional Institute for Women.

Study results showed a high prevalence of bacteriologically confirmed TB among prisoners which is 4 to 5 times higher compared to the prevalence in the general population. All TB isolates tested were found to be drug resistant.

The study made several recommendations that can be adopted by the TB in Prisons Prevention and Control Program. One of the key recommendations is to include screening on both symptomatology and chest radiography. Those found positive on either one or both should undergo DSSM.



Morphological, Anatomical and Histochemical Studies on *Smallanthus sonchifolius* (Poepp. and Endl.) H. Robinson (Yacon)

The project studied the morphology and anatomy of *Smallanthus sonchifolius* (Poepp. And Endl.) H. robinson (Yacon) to provide the basis for sound decision-making regarding the plant's utilization, conservation and use for biotechnology application.

Site visits were conducted in four yacon farm areas - Kapangan, Benguet; Dalton Pass and Belance, Dupax del Norte, Nueva Vizcaya; and Doalnara Farms Claveria, Misamis Oriental. The habit and overall form of the plants growing in

the four areas did not vary considerably from one another. Studies showed the presence of anthocyanins in the leaves of yacon grown in the highlands of Belance, Nueva Vizcaya and Doalnara Farm, Misamis Oriental which was not observed in the yacon plants grown from other places.

Anatomical and histochemical studies of yacon showed that yacon contain the melampolides type of sesquiterpene lactones, flavonoids, specifically quercetin glycosides in the leaf and kaempferol glycosides in the stem.

Optimization Process for the Large-Scale Production of Dengue Viral Antigens for the Laboratory Surveillance of Dengue Infection

The project successfully optimized the conditions for the large-scale culture of dengue virus for antigen production and tested the different viral antigen formulations for serological detection of dengue infection.

Harvest of the antigens was followed by successive rounds of concentration and purification of the antigens as well as the mixing of four dengue serotypes in equal titers to form a "cocktail." The study was able to produce sufficient tetravalent antigen reagent using Immunoglobulin

M (IgM) capture Enzyme-Linked Immunosorbent Assay (ELISA). With the results, the production efficiency easily provides enough antigen reagents for the nationwide assay of reported dengue cases in the Philippines in a year.

Production of the antigen reagent is a major contribution that leads to the building up of local capability on confirmatory testing for dengue virus infection.

Food Phytochemicals of *Smallanthus sonchifolius* (Yacon) Important to Human Health

The study determined the health-promoting properties of the root crop, Yacon. Phytochemical screening showed the presence of nutrients and minerals in yacon leaves and tubers. Cyanogenic glycosides, saponins and glucosinolates are absent in both leaves and tubers. The phenolic profiles of yacon tuber and leaf phenolic extracts were determined by employing a descending two-dimensional paper chromatography technique. Both the leaf and tuber extracts contained chlorogenic acid, caffeic acid ester, ferulic acid ester and quercetin glycoside.

Results of the study are expected to provide a basis for promoting and marketing yacon as a functional food and as a source of supplements with various health benefits.

“ building up
local capability
on confirmatory
testing for dengue
virus infection ”

Putting a Premium on Ethical Research

In 2010, the Philippine Health Research Ethics Board (PHREB) continued its advocacy for the ethical review of health research involving human participants. The Board held a seminar-workshop at the Adamson University, Ermita, Manila on January 28 with 126 participants from the different Higher Educational Institutions (HEIs) in the South Manila Inter-Institutional Consortium, Inc. (SMIIC) and University-Belt HEI Consortia. On April 29, PHREB conducted a Basic Course on Good Clinical Practice at the San Juan de Dios Educational Foundation, Inc. in Pasay City. This forum was attended by 16 doctors, faculty and staff of the said institution.

PHREB, recognizing the importance of promoting institutional responsibility and excellence in the ethics of health research, participated in the training entitled, “An International Course on Surveying and Evaluating Ethical Review Practices” conducted by The Forum for Ethical Review Committees in Asia and the Western Pacific (FERCAP) on April 6-13 at the University of the Philippines Manila-National Institutes of Health (UPM-NIH) and UP College of Medicine- Research Implementation and Development Office (UPCM-RIDO). The training targeted ethics committee

members in the Asia-Pacific region with extensive experience in ethical review. The aim was to promote good ethical review practices in health research in the Asia Pacific Region by implementing international criteria for surveying and evaluating ethical review practices.

The Board also published the book, “Introduction to Health Research Ethics” which compiles the different PHREB lectures given during training seminars and workshops. Through this book, the Board hopes to amplify and multiply the training opportunities and learnings for ethics. It will be a useful reference for all members of the health research network- the health researchers, ethics review board members, research funders as well as potential participants in clinical trials.

In line with PHREB’s policy of coming up with updated national ethics guidelines for health research every five years, an Ad Hoc Working Group was created to spearhead the revision of the 2006 edition of the guidelines. The group is expected to come up with a more user-friendly and up-to-date set of guidelines that is responsive to the needs of an evolving and growing national health research system. Publication of the guidelines is expected in 2011.



Boosting Human Resource Potential in Health Research

Building a strong health research human resource base is one of the priority advocacies of the Council.

Survey of Human Resource for Health Research

PCHRD, together with the PNHR Capacity Building Committee, conducted a survey of human resources for health research in 2010. The purpose of the said survey is to develop a directory of experts on health research who can be tapped to mentor new/beginning researchers in the regions. To date, 46 experts were included in the directory. The list indicated the expert's institutional affiliation, highest educational attainment and field of specialization.

DOST Accelerated Science and Technology Human Resource Development Program (ASTHRDP)

In 2010, the Council recommended 26 new scholars for the priority fields of study on Health and Pharmaceutical Sciences under the DOST Accelerated Science and Technology Human Resource Development Program (ASTHRDP). There were 25 new scholars for the master's degree program and 1 new scholar for the doctoral degree program. Four doctoral and 16 master's students completed their studies while 263 scholars continued their academic pursuits.

DISTRIBUTION OF SCHOLARS BY TYPE AND STATUS OF PROGRAM, 2010

PROJECT STATUS	DOCTORAL	MASTER'S	TOTAL
Completed	4	16	20
Ongoing	51	212	263
New	1	25	26
Total	56	253	309

For the thesis and dissertation assistance program, thirteen master's students and one doctoral scholar completed their theses and dissertation, respectively. 22 grantees continued to work on their theses/dissertation projects while 11 new grantees laid the groundwork for their graduate studies.

DISTRIBUTION OF DISSERTATION/THESIS GRANTEES BY TYPE AND STATUS OF PROGRAM, 2010

PROJECT STATUS	DOCTORAL	MASTER'S	TOTAL
Completed	1	13	14
Ongoing	7	15	22
New	1	10	11
Total	9	38	47

MD-PhD Scholarship Program on Molecular Medicine

Last June 4, 2010, PCHRD and the UP Manila College of Medicine joined hands to address the need to produce doctor-scientists who will undertake patient management and care, and conduct research on emerging diseases and cutting edge technologies through the signing of the Memorandum of Agreement (MOA) for the MD-PhD scholarship program on Molecular Medicine. Under this program, the scholars have the option to specialize in Molecular Biology and Biotechnology, Biochemistry, Medical Microbiology, and Pharmacology.

For its initial year of implementation, the program gave full scholarship grants to the following qualified students: Marie Llane Callanta, Maragaille Capiroso, Fresthel Monica Climacosa, and Jonenel Poblete from UP Manila; Jamie Lyne Co, Ruby King and Charles Patrick Uy from UP Diliman; John Carlo Malabad from UP Los Baños; Bobbie Marie Santos from UP Baguio; and Pia Regina Fatima Zamora from UP Visayas.



All the selected scholars obtained at least 90% in their National Medical Admission Test (NMAT) which is one of the requirements to be one of the qualifiers of the scholarship program. Six of them graduated Magna Cum Laude and four graduated Cum Laude.

The first year of the program entails taking basic research foundation subjects. The next five years will be for medicine proper, and the last two years for the implementation of the dissertation project. The grantees will be allowed to take the medical board exam after the fifth year (internship). Instead of going into residency, they will be required to work on their dissertation projects for the completion of the PhD Molecular Medicine program.

2010 PCHRD – Gruppo Medica Award Winners

PCHRD, in collaboration with Gruppo Medica Inc., encourages undergraduate students to undertake research on herbal medicines with potential practical or commercial applications.

In 2010, two winners won the third prize and received PhP 20,000 each in



recognition of their promising researches in herbal medicine.

The third prize winners were: Ms. Janel Kristine Marie R.Tarin, Institute of Chemistry-University of the Philippines Diliman, for her project, *“Anti-ulcer Activity and Gastroprotective Effects of Bauhinia purpurea, Dolichos lablab and Vitex parviflora.”*

Ms. Dawn Emerald Q. de los Santos, Mr. Ian Oliver Caluag, Ms. Stephanie Hannah Dapanas, Ms. Kirby Kate Devaras, and Ms. Jean Dianne Son, San Pedro College of Davao City, for their study, *“The Cholesterol-Lowering Activity of Persea Americana mill Leaf Tea.”*

2010 Outstanding Health Research Award (OHRA)

Every two years, PCHRD, with PNHRS partners, gives the Outstanding Health Research Award (OHRA) to an individual researcher or research group whose research work has been translated to policy and practice. The award is given in two categories: biomedical and health services research. A cash prize of PhP500,000 and a trophy are awarded to the winner in each category.

The OHRA in biomedical research went to the Institute of Human Genetics, University of the Philippines Manila-National Institutes of Health (UP-NIH). The Institute, led by Dr. Carmencita Padilla, was cited for its invaluable contributions in spearheading the development of the field of human genetics in the country as well as providing central resource facility committed to make genetic testing accessible to Filipinos all over the country.

Two winners have been awarded for the Health Services Research Category. 1)



PCHRD Scholars' Society

Dr. Bayani L. Blas, former Head of the Schistosomiasis Research and Training Center, Center for Health Development – Region 8 and currently the Chair of the Department of Microbiology and Parasitology, Dona Remedios T. Romualdez Medical Foundation (RTRMF), and 2) Dr. Enrique T. Ona, former Director of the National Kidney and Transplant Institute (NKTi) and currently the Secretary of the Department of Health (DOH).

The relevant outputs of Dr. Blas' research work documented the impact of chemotherapy-based control programs for schistosoma japonicum and recommended the drug Praziquantel as the drug of choice for the mass treatment of schistosomiasis.

Dr. Ona's research work and significant contribution in the field of kidney transplantation have led to better management and more cost-effective treatment of patients with end-stage renal disease resulting to improved renal care in the country.



The PCHRD Scholars' Society (PSS) held its convocation during the PCHRD Anniversary Celebration on March 19, 2010. The event aimed to facilitate networking among PSS members and promote capacity building on health research.

Highlight of the program was the presentation of the President's Report by Dr. Josefina A. Tuazon of the University of the Philippines Manila, College of Nursing. Dr. Tuazon presented the Society's objectives, achievements and activities for the year. Proposed activities will support PCHRD's goal of producing more health researchers in the country.

On October 12-13, 2010, PSS held its strategic planning workshop at the Hotel Kimberly, Manila. The main objective of the workshop was to appreciate the role of the Society as mobilizer of human and financial resources for collaborative work with research groups within and outside of PCHRD.


Dr. Federico Macaranas, former Executive Director of the Asian Institute of Management Policy Center, facilitated the discussion of the planning workshop. Participants were given different activities that focused on: who they are as a scholar (now and in the future), why they chose scholarly pursuits, and how they will achieve their goals as a scholar. Workshop results showed that most of the scholars were persistent towards learning and honing their skills on their specific fields. The participants have varied reasons for choosing scholarly pursuits --- some were encouraged by their family or company, while others were simply passionate about learning. In achieving their goals as scholars, they have shared their strengths, weaknesses, opportunities and threats. Majority of the scholars have passion for learning and expertise; many have mentioned collaboration and funding as an opportunity; problems on balancing their work and family have been considered as part of their weaknesses and threats.



Closing the Gap

Through Research
Utilization





PCHRD, together with the PNHRs Research Utilization Committee, aims to enhance linkages between producers and users of evidence, implement and promote communication strategies to connect research to health needs and outcomes, policy and action.

In 2010, the Council made significant strides in bringing health research products and services to the public using different channels. The Council also encouraged dialogue and exchange of information between and among national and local government officials, researchers, civil society and other sectors of society through the events and meetings it convened.

Communicating the Value of Health Research

Along the same line of promoting discussion of critical health and related issues, the Council organized 50 conferences, symposia, workshops, and roundtable discussions for and with its partners in the health research system on diverse topics such as drug discovery and development, vaccine R&D, nutrition, and dengue control.

PCHRD also participated in technology fairs and exhibits in different venues nationwide to feature its research

products and services. In July, the Council took part in the annual National Science and Technology Week (NSTW) celebration at the Manila Hotel. The event carried the theme “Filipinnovation: The Way Forward” to highlight the nation’s achievements and achievers in science and technology including groundbreaking researches and innovations in technology products and programs.

Through its strong partnership with the media, the Council further expanded its reach and brought to Filipino homes

health research and related information. For 2010, 33 articles were released in the print media, 24 features were shown on television and 37 interviews were aired on radio. 53 articles were published online.

Technology Commercialization: Accelerating Economic Growth and Development

License Agreements

PCHRD’s efforts on technology commercialization prior to the enactment of the Technology Transfer Act (TTA) of 2009 resulted to seven license agreements signed in 2010. The license agreements covered the transfer of production technologies of Lagundi tablet, Lagundi pediatric syrup, Sambong tablet, and Tsaang gubat tablet with Herbcare Corporation, Interhealthcare Pharmaceutical and Pharmacare Products Company, and exhibits in different venues nationwide

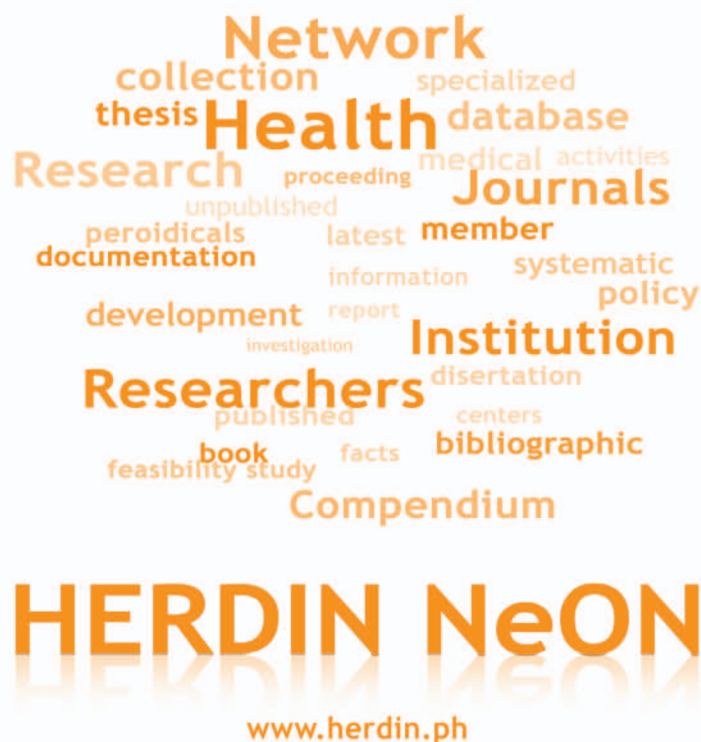
With the enactment of the TTA, the Intellectual Property (IP) protection and technology transfer activities of PCHRD for medicinal plant products and processes have been transferred to the technology generator, UP Manila.



TECHNOLOGY TRANSFER ACT OF 2009 SIGNED INTO LAW

On March 23, 2010, President Gloria Macapagal-Arroyo approved and signed into law the REPUBLIC Act 10055, or the Philippine Technology Transfer Act of 2009.

The Act, a consolidation of Senate Bill 3416 and House Bill 5208, provides the framework and support system for the ownership, management, use and commercialization of intellectual property generated from research and development funded by government.



Regional Sharing of Information and Expertise Made Easy through HERDIN NeoN

In 2010, PCHRD held a series of Health Research and Development Information Network (HERDIN) training for 10 health research institutions in Luzon and Mindanao. The training aimed to capacitate health research institutions to organize their health research information and to institutionalize the updating of the national health research information repository using the HERDIN Network of Networks (NeON) system.

At present, HERDIN provides quick and easy access to more than 50, 000 published and unpublished research articles from 150 health journals and publications printed from 1906-2009, with 3,641 new entries added in 2010.

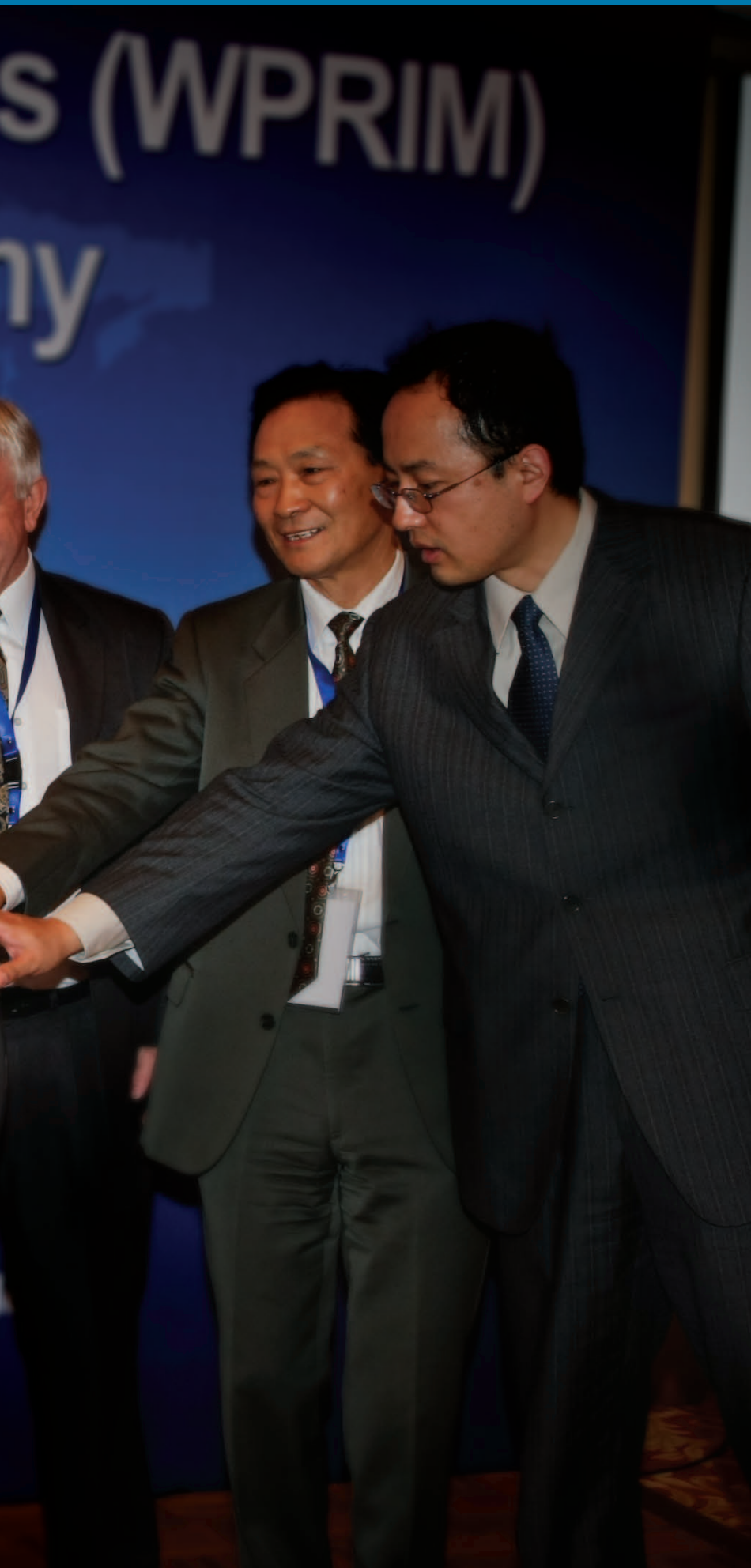


International Linkages

Western Pacific Region Index Medicus (WPRIM): Ensuring Global Accessibility to Health Research Information

The Council continues to be an active participant in the development of the Western Pacific Region Index Medicus (WPRIM) to ensure global accessibility of medical and health research done in the Region. WPRIM is a component of WHO's Global Health Library (GHL) project, which aims to establish online medical indexing system to collect the bibliographical information of medical journals published by member states of WHO Western Pacific Region.

In May 2010, the new database platform of the WPRIM was launched in a ceremony hosted by the Institute of Medical Information, Chinese Academy of Medical Sciences (IMICAMS) in Beijing, China. Taking advantage of the participation of WPRIM members and the Asia Pacific Association of Medical Journal Editors (APAME), a workshop was held to introduce the functions and key technologies of the WPRIM platform.



ASEAN delegates consolidated results of R & D mapping for infectious diseases

Last December 6, 2010, country coordinators of the Association of Southeast Asian Nations Network for Drugs, Diagnostics and Vaccines Innovation (ASEAN-NDI) held its 2nd meeting at the Dusit Thani Manila Hotel, Makati City.


35 participants attended the event, including 10 country Focal Points of the ASEAN Subcommittee on Biotechnology (SCB) and delegates from respective countries' Ministries of Science and Technology and Ministries of Health.

The meeting reviewed and consolidated the ASEAN R&D landscape mapping results; share the lessons learned from other innovative networks being established from the other parts of the world, such as the African Network for Drugs and Diagnostics Innovation (ANDI) and other regional networks; and discuss 2011-2012 plans for funding opportunities for future activities.

PCHRD Executive Director, Dr. Jaime C. Montoya, lead coordinator of the mapping activity and Focal Point for the Philippines for the ASEAN Subcommittee on Biotechnology, led the discussions.

The group was joined by Dr. Bernadette Ramirez, scientist of the World Health Organization Special Programme for Research and Training in Tropical Diseases (WHO-TDR) and Mr. Jun Nakagawa, Technical Officer from the Western Pacific Region Office (WPRO).





The Council assisted the government in mobilizing resources to sustain the implementation of policies, programs and projects for the advancement of health research. It developed and maintained linkages with international organizations, national and local agencies, and the private sector, drawing fruitful partnerships and significant returns. In 2010, the Council was able to

generate external resources amounting to PhP70,696,075.00.

Complementing the Council's effort, the PNHRs Committee on Resource Mobilization intensified its lobbying activities to secure sustainable financing for health R&D through the establishment of the PNHRs Fund.

Sustaining Health R&D, Building Strong Public-Private Partnerships



PNHRS Bill:

Institutionalizing the Philippine National Health Research System

When the PNHRS Bill (House Bill Nos. 1241, 2597, & 3271 and Senate Bill Nos. 2350, 2592) turns into law, PNHRS will be assured of a stable fund source to support health researchers in generating ethical and relevant health knowledge and innovations. Titled, “An Act Institutionalizing the Philippine National Health Research System,” hearings on the bill started through the technical working group meetings at the House of Representatives under the joint Committees on Science and Technology and Health, chaired by Congressman Joseph Emilio Abaya of the 1st District of Cavite. Similar meeting was convened at the Senate by Senator Pia Cayetano.

In 2010, a Technical Working Group for the passage of the Bill was organized and composed of key representatives from the four core agencies of the PNHRS -- DOST, DOH, CHED and UPM – NIH. Successive meetings were held between the TWG Members and PNHRS Committee on Resource Mobilization Chair, Dr. Jaime Galvez-Tan, to discuss strategies that would facilitate the enactment of the Bill.

To date, the TWG already held consultation meetings with heads of agencies (DOST, CHED, DOH) and roundtable discussions with funders. Active lobbying in the Lower House and in the Senate was also being done to get additional authors and co-authors for the Bill.

In November, a PNHRS Bill Advisory Group was created to refine the salient provisions of the Bill. The Group is composed of former DOH Secretary and PCHRD Executive Director, Dr. Alberto G. Romualdez, former Executive Director of the Asian Institute of Management’s Policy Center, Dr. Federico Macaranas, PNHRS SOME Committee Chair, Dr. Juan Nañagas, and UP Manila’s Institute of Health Policy and Development Studies Professor, Dr. Ramon Paterno.



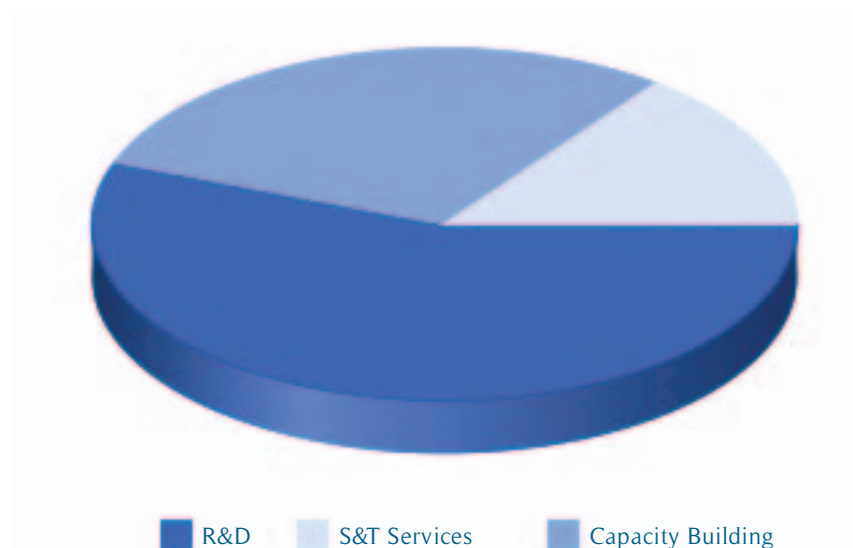
Financial Overview

PARTICULARS	ALLOTMENT	EXPENDITURES	% OF UTILIZATION
Total Funds from National Government	68,013,000.00	65,118,000.00	96%
General Administration and Support	20,730,000.00	17,904,000.00	86%
Operations	18,901,000.00	18,832,000.00	100%
Grants-in-aid:			
Research and Development	14,822,000.00	14,822,000.00	100%
S&T Education	8,177,000.00	8,177,000.00	100%
S&T Services	4,214,000.00	4,214,000.00	100%
Total Funds from Other Sources	70,696,000.00	64,715,424.70	92%
GRAND TOTAL	138,709,000.00	129,833,424.70	94%

The PCHRD budget in 2010 amounted to PhP1387 million, of which 94 percent, or PhP129.8 million, was used. Out of this budget, PhP68 million came from the government and PhP707 million from other sources.

For the grants-in-aid (GIA), which amounted to PhP27.2 million, PhP14.8 million (55%) was allotted to research and development projects, PhP8.1 million (30%) for capacity building, and PhP4.2 million (15%) for science and technology services.

Grants-in-Aid Allotment, 2010



PCHRD: An ISO-Certified Council



The Council received ISO 9001: 2008 certification from the Certification

International Philippines, Inc. (CIPI). The awarding ceremony was held during PCHRD's 28th anniversary celebration on March 19, 2010.

The certification covered Quality Management System (QMS) processes on research management and development, human resource and institution development, research information, communication and utilization, as well as finance and administrative functions.

An ISO certification indicates a company or agency's compliance to a set of standards for quality management and operational systems that is recognized and accepted worldwide.



23 Bachelor's Degree Holders

12 Master's Degree Holders

4 Doctoral Degree Holders

PCHRD Workforce: Serving the Filipinos with Commitment and Integrity

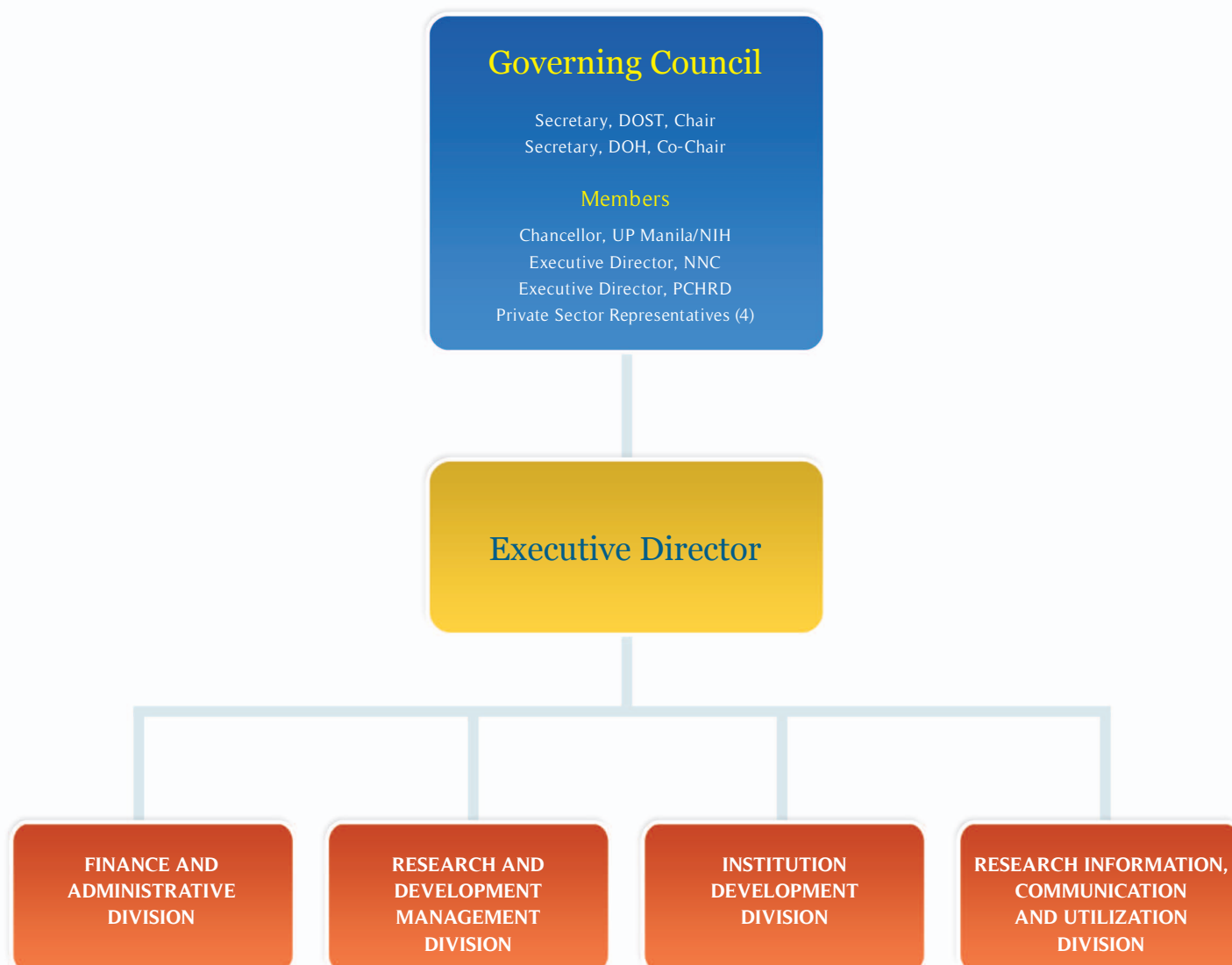
The most important element of the Council's success is the commitment and integrity of its people. Year after year, PCHRD staff continue to exceed the expectations of its clients through the provision of quality products and services.

PCHRD's staff complement in 2010 comprised of 32 technical and 16 administrative and support staff. 23 have a bachelor's degree, 12 are master's degree holders, one has a doctoral degree and three are medical doctors. To further strengthen their capability and expertise, 24 underwent training along their line of work.

In April 2010, the Council's Rationalization Plan (RP) was approved by the Department of Budget and Management (DBM). The changes in the organizational structure and staffing complement of the PCHRD resulted into five organizational units and 60 regular positions.



Organizational Structure



PCHRD Governing Council

Chair

Hon. Mario G. Montejo
Secretary
Department of Science
and Technology

Co-Chair

Hon. Enrique T. Ona
Secretary
Department of Health

Members

Dr. Jaime C. Montoya
Executive Director
Philippine Council for Health
Research and Development

Dr. Ramon L. Arcadio
Chancellor
University of the
Philippines Manila

Dr. Mediadora C. Saniel
Head, Medical Services
The Medical City

Dr. Benjamin M. Abela, Jr.
President, Asian Vision Group
Asian Hospital and Medical Center

Dr. Catherine Q. Castaneda
Director IV, Office of
Programs
and Standards
Commission on Higher
Education

Ms. Ma. Bernardita T. Flores
CESO II & Assistant
Secretary
Executive Director
National Nutrition Council

Dr. Enrico B. Gruet
Dean, College of Medicine
Cebu Doctors' University

Dr. Grace J. Rebollos
President
Western Mindanao
State University

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Research Development and
Management Division

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Institution Development Division

Ms. Merlita M. Opeña
Chief
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Research Information,
Communication,
and Utilization Division

PCHRD Staff

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Charisma Cruz
Imelda Mutuc
Carina Rebulanan

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Reinier Cajigas
Fe Cuevas
Arsenia Francisco
Diego Hernandez
Evangelina Laguimun
Eric Laureano
Eliza Manalo
Francisco Manalo
Ruben Manalo
Leo Nuyda
Sylvia Ocon
Buenalivia Olatan
Maria Orogo
Gregorio Salacup, Jr.
Fe Solis
Wilfredo Taborda
Warlita Zenarosa

Research Development and Management Division

Sweetmavourneen Agan
Marie Jeanne Berroya
Melissa Bulao
Ma. Elizabeth Cajigas
Ruby Castro
Pearl Kathleen Co
Michael Dimaano
Cecile Dumol
Guidditta Geler
Mary Ann Pachon
Raymond Christopher Piñon
Ma. Rosella Taguiang

Institution Development Division

Jeanne Agustin
Angelina Aquino
Marren Joy Belgado
Imelda De Leon
Veronica De Leon
Timothy Joseph Figueroa
Maria Marcela Lagayan
Joanna Marie Lim
Laurice Pia Oliveros
Maria Teresa Reodica
Lucila Roja
Wilma Santos

Research Information, Communication, and Utilization Division

Renante Bahala
Ullyann Carticiano
Benedict Centeno
Ma. Violeta Intia
Jayson Itulid
Belinda Lontok
Magdalena Manaig
Mylene Marco
Victorina Miranda
Ronel Molina
Rachel Ann Doreen Nadal
Elisa Parsacala
Rolly Rausa
Mark Joseph Tano
Vincent John Tumlos
Alexander Sea

Philippine National Health Research System (PNHRS)

Committee Members

Research Agenda

Dr. Eden Divinagracia, Chair
Dr. Fe Barquin
Prof. Cynthia Cordero
Dr. Ma. Teresita Cucueco
Dr. Alan Feranil
Ms. Rosa Gonzales
Dr. Antonio Ligsay
Dr. Remigio Olveda
Ms. Arlene Ruiz
Ms. Ma. Loida Sevilla
Dr. Eric Tayag
Ms. Luthgarda Ramos
Dr. Ernesto Balolong, Jr.

Ethics

Dr. Marita V.T. Reyes, Chair
Dr. Maria Arlissa Aguiluz
Mr. Abdulrahim Bagundang
Dr. Leonardo de Castro
Mr. Gilbert Hoggang
Fr. Romeo Intengan, SJ
Dr. Jaime Montoya
Atty. Albert Reboza, M.D.
Dr. Angeles Tan-Alora
Dr. Ma. Carmen Tolabing
Dr. Cecilia V. Tomas
Dr. Elizabeth Ventura
Ms. Crispinita Valdez

Capacity Building

Dr. Vicente Belizario, Chair
Dr. Ma. Lourdes Rebullida
Dr. Libertad Garcia
Dr. Amelia Fernandez
Ms. Grace Fernando
Ms. Inee David
Ms. Clarissa Reyes
Ms. Anicia Catameo

Structure, Organization, Monitoring and Evaluation

Dr. Juan Ma. Nañagas, Chair
Dr. Josefino Alvero, Jr.
Prof. Nina Castillo-Carandang
Dr. Jose Rodriguez
Dr. Milagros Viacrusis
Dr. Elizabeth Matibag
Dr. William Malitao
Dr. Luthgarda Ramos
Dr. Noel Juban
Ms. Remedios Birondo
Ms. Merlita Opeña
Ms. Anicia Catameo

Research Utilization

Dr. Jose Acuin, Chair
Dr. Cecilia Acuin
Dr. Jose Avila
Dr. Gerardo Bayugo
Ms. Remedios Birondo
Ms. Marcia Feria-Miranda
Dr. Francis Gomez
Mr. Mike Gomez
Mr. Jimmy Sevallla
Ms. Merlita Opeña

Resource Mobilization

Dr. Jaime Galvez-Tan, Chair
Dr. Vicente Belizario, Jr.
Ms. Remedios Birondo
Dr. Lulu Bravo
Dr. Ruben Caragay
Dr. Ramon Paterno
Dr. Theresa Ludovice-Yap
Ms. Rosa Gonzales
Dr. Jaime Montoya

Annexes



List of R&D Projects

PCHRD-ASSISTED PROJECTS

Completed

Prevalence of Pulmonary Tuberculosis among Prisoners and Jail Officers in the Philippines

Philippine Tuberculosis Society, Inc.

2009 Tuberculosis (TB) Priority Research Agenda Setting

Philippine Coalition Against Tuberculosis

Topical Cashew Nut Extract (DeBCC) for the Treatment of Basal Cell Carcinoma

Section of Dermatology, Department of Medicine, University of the Philippines-Philippine General Hospital

Ongoing

National Integrated Research on Philippine Medicinal Plants (NIRPROMP) Program

Pharmacologic and Toxicologic Studies of Philippine Medicinal Plants

Department of Pharmacology, University of the Philippines Manila

Mutagenicity, Clastogenicity and Antimutagenicity Potential of Drug Preparations from Medicinal Plants

Institute of Chemistry, College of Science, University of the Philippines Diliman

Establishment of Quality Control Bioassay Procedures for Medicinal Plant Products

Department of Pharmacology

Bioassay for Infectious Diseases

Department of Pharmacology

Dosage Forms from Medicinal Plant Constituents

College of Pharmacy, University of the Philippines Manila

Clinical Screening and Validation Studies of Medicinal Plant Products

Department of Pharmacology

Development of Appropriate Cultural Management to Improve Yield and Quality of Selected Medicinal Plants

Institute of Herbal Medicine, National Institutes of Health, University of the Philippines Manila

The Philippine Thyroid Disorder Prevalence Survey (PhilTiDes)

Philippine Society of Endocrinology and Metabolism

A neuropsychological Test for the Early Detection of Alzheimer's Disease Among Filipino Elderly: An Adaptation and Validation of the Filipino Translation of the Montreal Cognitive Assessment (MoCA) Among Community Dwelling Elderly in the Philippines

Saint Luke's Medical Center

Recombinant Protein Expression and Immunological Characterization of De-Antigenized Human Influenza H3 Hemagglutinin

Marine Science Institute, University of the Philippines Diliman

The Incidence of Tuberculosis Among Health Workers with Latent Tuberculosis Infection

Section for Pulmonary Medicine, University of the Philippines-Philippine General Hospital

Formulation of an Equation to Estimate Glomerular Filtration Rate (GFR) Among Filipinos: Derivation of GFR Equation Among Filipinos (Phase I)

Philippine Society of Nephrology

MICROARRAY Program: The Prevalence of CYP2D6 Gene Polymorphisms Among Filipinos and Their Use as Biomarkers for Cancer Risk Among Those with Lung Cancer

National Institutes of Health, University of the Philippines Manila

New

Meta-analyses of Genetic Polymorphisms in Cancer Meta-analyses of the Val762 Polymorphism in the DNA Repair Gene ADPRT with Cancer

St. Louis University Baguio

Clinical Profile of Patients Diagnosed with Leptospirosis After a Heavy Rainfall: A Multicenter Study

Infectious Diseases Section, Department of Medicine, University of the Philippines-Philippine General Hospital

INTERSTROKE – Importance of Conventional and Emerging Risk Factors for Stroke in Different Regions of the World and in Different Ethnic Groups: A Case-Control Study

University of the Philippines-Philippine General Hospital

Acute Oral Toxicity of Pure Extract of *Smilax sonchifolius* Leaves in Swiss Mice: Up and Down Toxicity Testing Method

De La Salle Health Science Institute

PCHRD–MONITORED PROJECTS

Completed

Food Phytochemicals of *Smallanthus sonchifolius* (Yacon) Important to Human Health: Isolation, Identification, Characterization, Quantification and Bioassay of Health Related Properties

Institute of Chemistry, University of the Philippines Los Baños

Morphological, Anatomical and Histochemical Studies on *Smallanthus sonchifolius* (Poepp. and Endl.) *H. Robinson* (Yacon)

Institute of Biological Sciences, University of the Philippines Los Baños

Optimization Process for the Large-Scale Production of Dengue Viral Antigens for the Laboratory Surveillance of Dengue Infection

Saint Luke's Medical Center

7th National Nutrition Survey: Philippines, 2008 Biochemical and Clinical Components

Food and Nutrition Research Institute

Ongoing

Pre-Clinical Safety & Toxicity Studies on Virgin Coconut Oil (VCO)

Department of Pharmacology, University of the Philippines Manila

Acute Toxicity and Phytochemical Requirements for VCO

Sub-chronic Toxicity Study on VCO

Special Toxicity Studies on VCO (dermal irritation and sensitization tests)

Microarray-Based Researches on Genetic Susceptibility to Diseases, Gene Expression Profiling, and Population Variations among Filipinos

National Institutes of Health, University of the Philippines Manila

Collaborative Study on Subacute Sclerosing Panencephalitis (SSPE): A Candidate Gene Association Study with Responsiveness to Therapy

High Throughput Simultaneous Detection of Waterborne Parasitosis from Household, Recreational and Environmental Water Samples Using Microarray Technology

The Pan-Asia SNP (Single Nucleotide Polymorphism) Initiative

Field-based Rapid Diagnostic Kit for the Early Diagnosis of Dengue: In-House LAMP Diagnostics for Dengue Virus Infections in the Philippines (The Biotek-M Project)

National Institutes of Health, University of the Philippines

Instituting the National Telehealth Service Program

Emergency Telehealth Services for Poisons and Trauma tControl: Emergency Care Coordination Services (ECCS)

National Telehealth Center

Design and Implementation of a Remote, Real-time GSM-based Biomedical Diagnostic Facility in Selected Under-served Communities in the Philippines (LIFELINK)

University of the Philippines Diliman

New

Isolation, Purification and Characterization of Proteins with Bioactive Peptides Exhibiting Anti-Hypertensive Activity for Winged Beans

Institute of Chemistry, University of the Philippines Los Baños

A Web-based Interactive Genome Library for Surveillance, Detection, Characterization and Drug-Resistance Monitoring of Influenza Virus Infection in the Philippines

National Institutes of Health, University of the Philippines

Prevention and Control of Leptospirosis in the Philippines

College of Public Health, University of the Philippines Manila

Identification of Prevalent Leptospiral Serovars in the Philippines

A study of the Environmental Determinants of Leptospirosis in Metro Manila using Geographic Information System (GIS)

Burden of Disease Study: Leptospirosis in an Urban Setting, Metro Manila

Larvicide for Dengue Vector Control

Laboratory Study on the Development, Performance Testing and Fabrication of an Ovicidal Trap System for *Aedes* Mosquito

Industrial Technology Development Institute, Department of Science and Technology

Field Testing of Ovicidal Trap System for *Aedes* Mosquito in Quezon City

Industrial Technology Development Institute

Ovicidal Trap, An Anti Dengue Mosquito Device
College of Public Health, University of the Philippines Manila

Roll-out of Ovicidal/Larvicidal Trap System for *Aedes* Mosquito Nationwide
Industrial Technology Development Institute, Department of Science and Technology

Factors Associated with Sustainability of Quality Health Standards in Sentrong Sigla Phase 2 Level 1 – Certified Rural Health Units/Health Centers in Region 8
Mr. Leonido P. Olobia, Center for Health Development Region 8

Once Daily Versus Weekly School Based Directly Observed Supplementation of Ferrous Sulfate Tablet in Iron Deficiency Anemia: A Randomized Controlled Trial
Dr. Chanda Rivas Uy, Davao Medical Center

REGIONAL PROJECTS

Completed

Impact of Health Workers Migration to Department of Health Retained Hospitals in Region 1: A Pilot Study
Mr. Marcelino Baga, Mariano Marcos Hospital and Medical Center

Level of Acceptability of Roles and Performance of Barangay Health Workers: Its Impact to the Delivery of Basic Health Services
Ms. Rosario B. Quitevis, University of Northern Philippines

Factors Associated with the Level of Knowledge, Attitude and Behavior on CVD Among Young Adults
Ms. Norma L. Eclarin, Mariano Marcos State University-College of Health Sciences

The Anti-inflammatory, Analgesic and Antipyretic Properties of Mahogany Leaves Extract
Prof. Jimmy G. Catanes, Virgen Milagrosa University Foundation

Mapping of Traditional Medicinal Plants in Pugo, La Union
Ms. Flordeliza B. Dalumay, Don Mariano Marcos Memorial State University-South La Union Campus

The Anti-Rabies Campaign in Cagayan and Isabela: An Assessment
Dr. Roberto Macatuggal, University of La Salette

Knowledge and Attitude Towards Reproductive Health Seeking Behavior of the Adolescents in Iloilo City
Ms. Nenalyn Abioda and Ms. Carolyn Yow, Central Philippine University

Microbial and Viral Determination Level of Catbalogan, Samar Groundwater Supplies: Their Relationship to Waterborne Diseases
Dr. Felisa E. Gamba, Eastern Samar State University

Ongoing

The Public- Mixed Directly Observed Treatment, Short-Course Chemotherapy (PPMD) Strategy of the National Tuberculosis Control Program (NTP) in Region 2
Dr. Ramelo B. Ramirez, Cagayan Colleges Tuguegarao

Assessment on the Implementation of Tuberculosis Program Among Children in Santiago City
Mr. Ralleigh F. Vizcarra, RMT, MBM, MSPH, University of La Salette

The Prevalence of Stress and Diabetes among Top-Level Managers in Metropolitan Santiago City
Dr. Wilfrido F. Simbul, University of La Salette

Mobile e-Health for Health Centers
Lilibeth Tuimbol-Cuison, Angeles University Foundation

Pharmacological Studies in Selected Medicinal Plants in Region III
Dr. Bella Panlilio, Angeles University Foundation

Characterization of Bioactive Compounds of “Polypog”
Dr. Gerry D. Ambait, Eastern Samar State University

Women with Breast Cancer: Their Economic and Human Experiences
Prof. Irma P. Magsambol, UP School of Health Sciences

Production and Evaluation of PRP-1, a Novel Antihypertensive protein from Yam
Dr. Edgardo Tulin, Visayas State University

Analysis S. Japonica Cases admitted at the S. Control and Research Hospital from 1982-2008
Dr. Bayani L. Blas, Remedios Trinidad Romualdez-Medical Foundation

An Association between Nutritional Status and Academic Performance of Elementary School Children in the Development of Eastern Samar
Dr. Eva P. Palada, Eastern Samar State University

The Pipe Water System in the City of Tacloban: Potability and Problems

Mr. Agipino M. Limpiado, Remedios Trinidad Romualdez-Medical Foundation

Growth, Development and Population Dynamics Responses of Aedes sp. Mosquito to Increased Ambient Temperatures Phase I

Dr. Franco Teves, Mindanao State University-Iligan Institute of Technology

Prevalence of Intestinal Helminthic Infection and Associated Socio-Demographic Variables among Schooling Children of the Public Elementary Schools of Maramag, Bukidnon (June 2009)

Mr. Christopher G. Batbatan, Central Mindanao University

Health Promotion and Employment of Local Migrant Workers in Cagayan de Oro City (November 2008)

Ms. Donna Loue E. Neri, RN, MHSS, Liceo de Cagayan University

Labor Migration and Health of the Children Left Behind Relationships & Implications (November 2008)

Dr. Numerino G. Escalante, Jr., Capitol University

Medication Management Systems of the Davao Doctors Hospital and Brokenshire Integrated Health Ministries Incorporated: A Strengths, Weaknesses and Opportunities Analysis

Ms. Eva C. San Juan, University of the Immaculate Conception, Davao City

A Randomized, Double-blind, Placebo-controlled Clinical Trial on the Effectiveness and Safety of Turmeric (Curcuma longa) Tea on the Lipid Profiles of Hypercholesterolemic Patients

Dr. Elvira Donado, Ateneo de Davao University

Level of Information and Education Campaign on Solid Waste Management and Household Practices on Solid Waste Disposal in Butuan City

Dr. Fernando Herrera, St. Joseph Institute of Technology

New

Microbial Analysis on the Quality of Drinking Water Sources in Metro Santiago: Its Implication in the Preventive Management of Water-Borne Diseases

Mr. Ralliegh F. Vizcarra, University of La Salette

Improving Enrollment Practices of LGUs in the Sponsored Programs of PHIC in Region 2

Dr. Josephine D. Loric, St. Paul University Philippines

Assessment on the Implementation of Tuberculosis Program Among Children in Santiago City

Mr. Ralleigh F. Vizcarra, RMT, MBM, MSPH, University of La Salette

The Prevalence of Stress and Diabetes among Top-Level Managers in Metropolitan Santiago City

Dr. Wilfrido F. Simbul, University of La Salette

Patient's Knowledge on Tuberculosis and the Determinants of Treatment Compliance

Dr. Reynaldo Cruz, University of Regina Carmeli

Patient and Health System Factors as Predictors to Delay in Tuberculosis Detection and Treatment in Region III

Dr. Al Bing, Holy Angel University

Lead Contamination in Tea Produced in the Philippines

Dr. Maria Victoria Villareal, West Visayas State University

The Effect of Guava Leaves Decoction on the pH Level of the Gastric Fluid of Rabbits

Ms. Ruth Jane Jover, West Visayas State University

Analysis S. Japonica Cases admitted at the S. Control and Research Hospital from 1982-2008

Dr. Bayani L. Blas, Remedios Trinidad Romualdez-Medical Foundation

An Ecological Study on the Presumed Impact of Climate Change and Seasonal Patterns on the Prevalence of Acute Respiratory Infections and on Health Services Utilization in Nueva Ecija from 1999 to 2008

Dr. John Q. Wong, Ateneo de Manila University

Scholars and Research Grantees

DOCTORAL DEGREE

Completed

Ms. Clarissa Yvonne Domingo
DrPH Medical Microbiology (UP Manila)
Central Luzon State University

Ms. Ligaya Picazo
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Research Institute for Tropical Medicine

Ms. Pelin Belino
PhD Human Nutrition
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Ms. Maria Lourdes R. Laydia
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Ongoing

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Merlyn Cruz
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Angeles University Foundation

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University of the Philippines-College of Public Health

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Arlene L. Tabaquero
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Jonah L. Bondoc
MS Environmental Science
University of the Philippines Diliman

Racquel T. Chua
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St. Louis University

Ma. Cristina S. De Las Llagas
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Joseph C. Francisco
PhD Clinical Psychology
University of Santo Tomas

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Cely D. Magpantay
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University of Santo Tomas

Yusuf A. Sucol
PhD Environmental Science
University of the Philippines Los Baños

Ross D. Vasquez
PhD Biological Sciences
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Arvie C. Vitente
DrPH Epidemiology
University of the Philippines Manila

New

Jacqueline Rose T. Burgos
PhD Molecular Biology & Biotechnology
University of the Philippines Los Baños

MASTER'S DEGREE

Completed

Billy Joel M. Almarinez

MS Biology

De La Salle University

Raymund N. Fantonalgo

MS Biology

University of the Philippines Visayas

Cyndi Mae C. Tai

MS Epidemiology

University of the Philippines-College of Public Health

Glenda P. Azaña

MS Applied Nutrition

University of the Philippines Los Baños

Nikki Heherson A. Dagamac

MS Biological Science

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Ongoing

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MSPH Medical Microbiology (UP Manila)

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Angeles University Foundation

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Far Eastern University Nicanor Reyes Medical Foundation

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Manila Central University Filemon D. Tanchoco Medical Foundation

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DISSERTATION GRANTEES

Completed

Erna C. Arollado

*PhD Philosophy In Pharmacy
University of Sto. Tomas*

“Preclinical, Preformulation and Clinical Assessment of Alternanthera sessilis (L.) R. Br. (AMARANTHACEAE) for Hemoglobin Augmentation in Iron Deficiency Anemia (IDA)”

Ongoing

Christine Hernandez

*PhD Chemistry (UP Diliman)
UP Institute of Chemistry*

Isolation and Structural Elucidation of Potential Anticancer Agents from Philippine Terrestrial Plants

Jose Mallari

*PhD Biological Science (UST)
Manila Central University*

Production of Biodegradable Polybeta-hydroxybutyrate from Sugarcane Molasses and Sulphite Waste Liquors by Batch and Fed-batch Fermentation

Magdalena Natividad

*PhD Molecular Biology (UP Manila)
Far Eastern University Nicanor Reyes Medical Foundation
A Study on Kawasaki Disease: Its Association with the T-Cell Receptor V-Beta-2 Chain and Its Gene Segment, and the Clonality of the T-Cell Response*

Soledad Castañeda

*PhD Environmental Science,
University of the Philippines Diliman
“Isotope & chemical techniques in assessing the vulnerability of critical fresh water sources in MM”*

Maria Pura Rayco-Solon

*PhD Epidemiology & Population Health
London School Of Hygiene & Tropical Medicine
“Nutrient-gene regulation of birth size and post natal growth”*

Juan Antonio Solon

*PhD Epidemiology & Population Health
London School Of Hygiene & Tropical Medicine
“Mucosal immunity in severely malnourished children”*

Ruby J. Apilado

*PhD Food Science
University of the Philippines Diliman
“Response Surface Model for Bacillus Cereus Germination in Iron Fortified Rice during Hold-On and Re-Heating”*

THESIS

Completed

Ms. Joanna Orejola

*MS Biochemistry (UP Manila)
University of the Philippines Manila
Isolation, Partial Purification, and Preliminary Study on the Cytotoxicity of Compounds from Carica papaya CV. Linn. Extracts*

Dr. Paul Matthew Pasco

*MS Clinical Epidemiology (UP Manila)
Philippine General Hospital
Diagnostic Features of Tuberculosis Meningitis: A Cross-Sectional Study*

Mr. Ryan Pekson

*MS Pharmacology (UP Manila)
Adamson University
Acute and Subacute Toxicity of Virgin Coconut Oil in Rodents*

Mr. Ruel Taclibon

*MS Microbiology (UST)
Research Institute for Tropical Medicine
Microscopic Observation Broth-Drug Susceptibility Assay: A Rapid Method of Drug Sensitivity Testing for Mycobacterium Species*

Maricel Q. Corpuz

*MS Biology
Ateneo de Manila University
“Identification, Cloning and Characterization of Ribosome-Inactivating Protein (RIP) Genes in Selected Species of Jatropha and Euphorbia”*

Kathleen G. Bersabal

*MS Pharmacy
University of the Immaculate Conception
“High Performance Liquid Chromatography Assay on Generic Amoxicillin Capsules from Selected Hospitals and Drugstores in Davao City”*

Ma. Irene P. Dela Cruz

*MS Biochemistry
University of the Philippines Manila
“Development of an Indirect Double Antibody ELISA for the Detection of Brugia malayi Asparaginyl-Trna Synthetase Antigen”*

Dianne L. Dizon

*MS Microbiology
University of Santo Tomas
“Biological activities of Marine Fungi Isolated from Philippine Seagrasses”*

Mona Liza H. Flores

MS Pharmacology

University of the Philippines Manila

“Acute Oral and Acute Dermal Toxicity Study of *Dioscorea hispida* (nami) Aqueous Plant Extract on Sprague-Dawley Rats”

May T. Magtoto

MS Pharmacy

University of Santo Tomas

“Suitability of the Gum from the bark of Antipolo tree (*Artocarpus blancoi* Elmerr.): as a Drug Suspending Agent”

Mary Ann H. Lucena

MS Biology

Mindanao State University-Iligan Institute of Technology

“DNA fingerprint of extended spectrum β -Lactamase-producing *Enterobacteriaceae* from clinical samples at Mindanao Sanitarium and Hospital”

Bienvenido S. Balotro

MS Industrial Pharmacy

University of the Philippines Manila

“Safety, Efficacy and Stability of the Pediculidal Hair Cream from the Methanolic Extract of the stem of *Tinospora crispa* (Linne) Miers ex Hooker filius & Thomson”

Candida Patrice A. Reyes

MS Biochemistry

University of the Philippines Manila

“Oral Microbial Diversity Analysis of Caries-free and Caries-Active Healthy Filipino Adults through 16S Ribosomal RNA Gene”

Evelyn Yumiaco

MS Clinical Epidemiology

University of the Philippines Manila

“A cohort study on association between the acceptance of the directly observed treatment short course (DOTS)”

Jaime C. Montoya

MS Bioethics

University of the Philippines Manila

“Validation of the Emanuel Criteria for Determination of Undue Inducement of Research Participants in Clinical Trials Research: Philippine Context”

Anna Muriel T. Jacinto

MS Pharmacy

University of Santo Tomas

“Comparative Antimicrobial Property of the Matured Trunk and Stem Bark Extract of *Tamarindus indica* Linn., Preformulation, Development and Quality Control of Cream”

Levi Letlet II H. Larcia

MS Biochemistry

University of the Philippines Manila

“A Study of the Bacterial Profile of Philippine Fermented Mustard (*Burong Mustasa*) through Culture-Independent Methods”

Gina C. Castro

MS Pharmacy

University of Santo Tomas

“The antioxidant, Anti-angiogenic and Antimutagenic Potentials of the Methanolic Leaf Extract of *Greeiopsis Multiflora* (Elm) Merr. (*Rubiceae*)”

James Christopher C. Chua

MSPH Medical Parasitology

University of the Philippines Manila

“Morphometric and Genetic Comparison of *Oncomelania Hupensis* Quadrasi (Mollendorf Gastropoda: Pomatiopsidae) Geographic Isolates in the Philippines”

Ana Lorraine D. De La Vega

MS Applied Nutrition

University of the Philippines Los Baños

“Determination of the Factors affecting the Nutritional Status of Infants (0-23 months) Indigenous People (Iraya Tribe) in Abra de Ilog”

Maria Catherine Jane V. Javier

MS Pharmacology

University of the Philippines Manila

“Acute Oral and Acute Dermal Toxicity of Aqueous Extract of *Gemelina arborea* Roxb. (Family *Verbenaceae*) Leaves”

Ongoing

Milfe Ababa

MS Biology (MSU)

Mindanao State University – Iligan Institute of Technology

Immunohistochemical Profile of Breast Cancer in Cagayan de Oro City

Celeste Soriano

MS Biology (DLSU Manila)

St. Luke's Medical Center

Comparative Analysis of Membrane Protein Content of Thalassemic Red Blood Cell using Immunofluorescence Assay and Sodium-Dodecyl-Sulfate Polyacrylamide Gel Electrophoresis (SDS-PAGE)

Heide Frisco

MS Biochemistry

University of the Philippines Manila

“Detection & genotyping of *helicobacter pylori* from biopsy specimens from the gastric antrum & corpus of PGH patients using multiple PCR”

Giane Paula P. Ruiz

MS Pharmacy
Centro Escolar University
“Effect of Glycine soja (soybeans) on Low Density Lipoprotein Cholesterol (LDL-C)”

Marie Grace B. Lavadia

MS Microbiology
University of Santo Tomas
“Antimicrobial And Antibiofilm Activities Of The Secondary Metabolites Of Algicolous Fungi”

Vanessa M. Manila

MA Health Policy Studies
University of the Philippines Manila
“Analysis and evaluation of policies implementing the advanced practice nursing in the Philippines”

Alfie Dominic A. Maypa

MS Medical Technology
University of Santo Tomas
“Association between Homocysteine and Coronary Artery disease among Filipino Patients”

Nathalie L. Daminar

MS Chemistry
Mindanao State University-Iligan Institute of Technology
“Isolation, Partial characterization and biomolecular-chemical screening of bioactive metabolite from Gotukola (Centella Asiatica)”

Benedict A. Maralit

MS Biological Sciences
University of Santo Tomas
“Survey and detection of viral pathogens associated with shrimps in the Philippines”

Irene Jane M. Montoya

MS Pharmacy
University of Santo Tomas
“Evaluation of the potential antinociceptive and anti-inflammatory effects of the leaf extract of Premna Odorata Blanco (verbenaceae)”

Aaron Jan S. Palmares

MS Medical Technology
University of Santo Tomas
“Comparison of techniques for extracting viral RNA in buffy coat and plasma for dengue diagnosis by RT-PCR during the febrile period of infection”

Bridith S. Penaranda

MS Medical Technology
University of Santo Tomas
“Comparison of techniques for extracting viral RNA in buffy coat and plasma for dengue diagnosis by RT-PCR during the febrile period of infection”

Paul Marvin T. Quizon

MS Pharmacy
University of the Philippines Manila
“In Vitro Equivalence Testing of Immediate Release tablets using a model-independent mathematical approach”

Priscilla Alice L. Samonte

MS Chemistry
University of Santo Tomas
“Dietary Fiber Composition and Antioxidant Activity of Common Fruit Peels as Functional Food Ingredient”

New

Janet P. Macawile

PhD Biology
De La Salle University
“Epithelial micronuclei occurrence and hair lead concentrations among public and private school children in the municipalities of Baco and Alfonso, Cavite Philippines”

Ma. Penafrancia L. Adversario

MSPH Biostatistics
University of the Philippines Manila
“Latent variable modelling of lifestyle among Filipinos”

Jonathan Carlo A. Briones

MS Biological Sciences
University of Santo Tomas
“Determining the impact of Lake Biwas eutrophication on Gymnogobius Isaza through diet analysis on museum specimen”

Renz Kenneth G. Cadiang

MS Pharmacy
University of Santo Tomas
“In vitro screening of the vascular activity of Diospyros philippines (ebenaceae)”

RESEARCH FELLOWSHIP

Ongoing

Ms. Minerva L. Daya

*The Correlation of Histo-Pathologic Morphology to Poor
Diagnosis of HER2neu Expression Among Filipino Patients
Diagnosed for Ovarian Epithelial Malignancies
Sending Institution: University of Santo Tomas – College of
Pharmacy
Host Institution: University of Santo Tomas*

Regional Training, Seminars, and Workshops

Training Workshop on Protocol Development

*Richmonde Hotel, Ortigas, Pasig City
8-9 December 2010*

MMHRDC Research Forum on Pneumonia

*Conrado Benitez Hall, Philippine Women's University
12 November 2010*

MMHRDC Training Workshop on Ethics

*Calderon Hall, UP College of Medicine
19-20 October 2010*

MMHRDC Research Forum on Obesity

*Continuing Medical Education, UST
13 September 2010*

Standard Operating Procedures of the Ethics Review Board

*UP-Philippine General Hospital
12-26 July 2010*

Training-Workshop in Good Clinical Practice (GCP)

*UP-Philippine General Hospital
1-2 July 2010*

CLHRDC Training and Workshop on Research Methods

*Bataan Peninsula State University, Balanga, Bataan
16-17 June 2010*

1st CVHRDC Health Research Forum

*St. Mary's University, Bayombong Nueva Vizcaya
14 April 2010*

Closing the Gaps in Philippine Drug Discovery & Development

*UP Diliman College of Science Auditorium
5 April 2010*

Training on HERDIN NEON

*DOST Regional Office, San Fernando City
15-17 February 2010*

CARAGA Health and R & D Consortium Strategic Planning and Research Seminar

*Prince Hotel, Butuan City
8-9 February 2010*

Writing Research for Refereed Publications

*One Tagaytay Place Hotel Suites, Tagaytay City
5-7 February 2010*

Seminar Workshop on "Ethics in Research Across Discipline" and "Introductory Course to Intellectual (IP) Policy Development"

*Adamson University
28-29 January 2010*

Health Research Dissemination Activities Conducted/Participated In (Fora, Symposia, Conferences, Fairs, Exhibits)

2nd Country Coordinators' Meeting and Consultation Forum on ASEAN Network for Drugs, Diagnostics and Vaccines Innovation (ASEAN-NDI)

*Dusit Thani Manila Hotel, Makati City
December 6, 2010*

6th National Biotechnology Week

*Nido Fortified Science Discovery Center, Mall of Asia, Pasay City
22-28 November 2010*

Awareness on Cervical Cancer Seminar

*National Academy of Science and Technology (NAST) building, Bicutan, Taguig City
September 28, 2010*

UNESCAP-ABU Roadshow on Early Warning Broadcasting System (EWBS) Implementation

*Crown Regency Hotel, Makati City
6-7 September 2010*

4th PNHRs Week Celebration

*Crowne Plaza Hotel, Ortigas Center, Pasig City
10-11 August 2010*

2010 National Science and Technology Week (NSTW) Celebration

*Manila Hotel, One Rizal Park, Manila
19-23 July 2010*

32nd NAST Annual Scientific Meeting

*Manila Hotel, One Rizal Park, Manila
14-15 July 2010*

5th Annual Meeting and Scientific Convention "Meeting the Challenges of Natural Resource Management"

*Manila Hotel, One Rizal Park, Manila
13 July 2010*

Local Biotechnology Leadership Camp (BioCamp)

*Asian Institute of Management (AIM), Makati City
12 July 2010*

PWU Nutrition Month Celebration

*Conrado Benitez Hall, Taft campus, Manila
21 July 2010*

The Philippine HIV/AIDS Epidemic: A Call to Action

*SMX Convention Center, SM Mall of Asia, Pasay City
2 May 2010*

10th Conference of the Science Council of Asia (SCA)

*Sofitel Philippine Plaza, Manila
13-16 June 2010*

PCHRD 28th Anniversary

*Pan Pacific Hotel, Manila
19 March 2010*

2010 APEC Research and Technology Program conference-workshop on "Human Capacity Building for Science, Technology and Innovation"

*Paradise Hotel, Busan, Korea
22-26 February 2010*

2010 Northern Luzon Cluster Fair

*Benguet State University
14-19 February 2010*

Academic Management Seminar Series for Higher Education Institutions' (HEI)

*University of Santo Tomas, Manila
21-22 January 2010*

International Conferences, Meetings, Training and Fora Participated in by PCHRD

Third Bi-Regional European Union-South East Asia (EU-SEA) Science and Technology Stakeholders Conference
Budapest, Hungary
24-25 November 2010

Second Asian Clinical Update
Okinawa, Japan
20-21 November 2010

Third (3rd) African Network for Drugs and Diagnostics Innovation (ANDI) Stakeholders Meeting and High Level Forum
Nairobi, Kenya
11-13 October 2010

OECD “Workshop on Opportunities, Challenges and Good Practices in International Research Cooperation between Developed and Developing Countries
Pretoria, South Africa
20-22 September 2010

2010 Annual Network Meeting for Genetic Strategies for Control of Dengue Virus Transmission
Hyatt Regency Newport, California, U.S.A
30 August – 2 September 2010

Europe-Southeast Asia Symposium on Dengue
Kuala Lumpur, Malaysia
5-6 August 2010

1st Meeting of the International Council for Science Regional Office for Asia and the Pacific (ICSU-ROAP) Science Planning Group on Health and Urban Environmental Change
Kuala Lumpur, Malaysia
16-17 July 2010

Western Pacific Region Index Medicus (WPRIM) database platform Launching Ceremony
Beijing, China
6-7 May 2010

World Congress of Internal Medicine
Melbourne, Australia
22-23 March 2010

MEDIA MILEAGE

Print

Public-private partnerships for herbal industry pushed
Manila Bulletin, 14 December 2010

DOST to intensify drug development program
The Philippine Star, 07 December 2010

Mosquito repellent lotion developed from atis leaves
The Philippine Star, 18 November 2010

Have cough? Go natural with lagundi
The Philippine Star, 04 November 2010
DoST Close to Developing Tech to Detect Dengue
Manila Bulletin, 14 October 2010

DoST Testing Ovitrap vs Dengue Carriers
Manila Bulletin, 05 October 2010

RP a superpower in natural medicines
Philippine Daily Inquirer, 01 October 2010

DOST researchers test ovitraps vs dengue in Marikina and Quezon City
Philippine Daily Inquirer, 24 September 2010

DOST starts field testing of mosquito traps
Philippine Daily Inquirer, 24 September 2010

Total eradication of mosquitoes impossible — PCHRD
Manila Bulletin, 03 September 2010

Health researches cited
Manila Bulletin, 31 August 2010

CoA orders return of unspent funds for failed vaccine research
Manila Bulletin, 29 August 2010

Global warming may have increased proliferation of dengue-carrying mosquito
Malaya, 23 August 2010

Four pharmaceutical firms get licenses for ampalaya tablet
Manila Bulletin, 22 August 2010

Pepper pellets used to fight mosquitoes
Manila Bulletin, 20 August 2010

Gov't prioritizes dev't of alternative medicines
Manila Bulletin, 19 August 2010

DoST does double-time in search of solution to dengue
Manila Bulletin, 18 August 2010

Top genetics laboratory started with a microscope and prayer
Malaya, 13 August 2010

Angara Bats for Health Care Innovation in RP
Senate Press, 05 August 2010

Students get insider's perspective from Pinoy scientists in BioCamp
The Philippine Star, 29 July 2010

Use of GM mosquitoes vs dengue mulled
Manila Bulletin, 24 July 2010

DOST awards innovations
Business Mirror, 24 July 2010

PWU marks Nutrition Month
The Philippine Star, 20 July 2010

Swiss pharmaceutical firm Novartis forecasts 11% revenue growth in RP
Manila Bulletin, 19 July 2010
DoST launches scholarship program
Manila Bulletin, 1 July 2010

2-in-1 vaccine out vs seasonal flu, A(H1N1)
The Philippine Star, 24 June 2010

PGMA's breastfeeding program ushers new direction
Office of the President, 17 May 2010

GMA active in promoting breastfeeding
Manila Bulletin, 17 May 2010

Wanted: Young, beautiful minds
Manila Bulletin, 12 May, 2010

Dementia and the aging Filipino population
The Philippine Star, 30 March 2010

Making research count: Developing cheaper, faster dengue diagnosis
The Philippine Star, 18 March 2010

Staying one step ahead of Influenza A(H1N1)
Philippine Daily Inquirer, 12 March 2010

Hasten Efforts on Maternal And Newborn Death Prevention Thru Research – Angara
Senate Press, 04, February 2010

Fear of AIDS

Business Insight Malaya, 06 January 2010

Angara: RP Needs National Health Research Center

Senate Press, 05 January 2010

Biocamp

Radio Veritas, 12 July 2010

Biocamp

DZBB, 12 July 2010

Biocamp

DZAR, 12 July 2010

PCHRD 28th Anniversary (Dr. Jaime C. Montoya)

DZEM, 19 March 2010

PCHRD 28th Anniversary (Dr. Jaime C. Montoya)

DWAD, 19 March 2010

PCHRD 28th Anniversary

DWBL, 19 March 2010

PCHRD 28th Anniversary

AFP Radio, 19 March 2010

PCHRD 28th Anniversary

DZXL, 19 March 2010

Radio

Field testing of Mosquito Ovitrap

DZMM, 24 September 2010

Field testing of Mosquito Ovitrap

DWAD, 24 September 2010

Field testing of Mosquito Ovitrap

Radjo ng Bayan, 24 September 2010

4th PNHRS Week

DZBB, 11 August 2010

4th PNHRS Week

DWSS, 11 August 2010

4th PNHRS Week

DZEM, 11 August 2010

4th PNHRS Week

DZAR, 11 August 2010

4th PNHRS Week

Radio Veritas, 11 August 2010

4th PNHRS Week

DZMM, 11 August 2010

4th PNHRS Week

DZRH, 11 August 2010

4th PNHRS Week (Ms. Merlita M. Opena)

DZRB, 11 August 2010

Ethics (Dr. Marita Reyes)

AFP Radio, 10 August 2010

Ethics (Dr. Marita Reyes)

DWBL, 10 August 2010

4th PNHRS Week (Ms. Merlita M. Opena)

AFP Radio, 10 August 2010

4th PNHRS Week (Ms. Merlita M. Opena)

DWBL, 10 August 2010

Television

Herbal Medicine (Dr. Jaime C. Montoya)

ABS-CBN 2, 13 December 2010

Foot and Mouth Disease (Dr. Jaime C. Montoya)

ABS-CBN 2, 07 October 2010

Field testing of Mosquito Ovitrap

GMA-7, 24 September 2010

Field testing of Mosquito Ovitrap

ABS-CBN 2, 24 September 2010

Field testing of Mosquito Ovitrap

TV 5, 24 September 2010

Field testing of Mosquito Ovitrap

Sonshine TV, 24 September 2010

Field testing of Mosquito Ovitrap

IBC-13, 24 September 2010

DOST rushing two projects vs. dengue

GMA 7, 12 August 2010

Dengue (Dr. Jaime C. Montoya)
24 Oras-GMA 7, 18 August 2010

4th PNHRs Week
GMA-7, 10 August 2010

4th PNHRs Week
ABS-CBN 2, 10 August 2010

4th PNHRs Week
Sonshine TV, 10 August 2010

4th PNHRs Week
RPN-9, 10 August 2010

4th PNHRs Week
NBN-4, 10 August 2010

4th PNHRs Week
QTV-11, 10 August 2010

PCHRD 28th Anniversary
RPN-9, 19 March 2010

PCHRD 28th Anniversary
NBN-4, 19 March 2010

PCHRD 28th Anniversary
GMA-7, 19 March 2010

PCHRD 28th Anniversary
IBC-13, 19 March 2010

S&T Funding (Dr. Jaime C. Montoya)
GMA-7, 25 February 2010

DOST field tests Mosquito Ovitrap in Marikina and Quezon City
PCHRD Website, 12 October 2010

Call for Nominations for NAST & NSTW Awards
PCHRD Website, 06 October 2010

KBP Holds Workshop on Emergency Warning and Broadcast System
PCHRD Website, 27 September 2010

UP Manila's Institute of Human Genetics, making waves in the field of genetics
PCHRD Website, 14 September 2010

DOH Secretary Enrique T. Ona, Award-Winning Health Researcher
PCHRD Website, 14 September 2010

OHRA Winner recommends Praziquantel as drug of choice for Schistosomiasis
PCHRD Website, 14 September 2010

Outstanding health researchers recognized during 4th PNHRs Week celebration
PCHRD Website, 24 August 2010

Poster exhibit contest shows potentials of young health researchers
PCHRD Website, 23 August 2010

Focusing on health research agenda and Technology Transfer Act of 2009
PCHRD Website, 18 August 2010

PNHRs stakeholders meet to seek creative ways to share resources for health research
PCHRD Website, 18 August 2010

Research repository now, easing access to research and expertise
PCHRD Website, 18 August 2010

Putting forward research projects from the regions
PCHRD Website, 18 August 2010

Sustaining quality health research through ethical review
PCHRD Website, 18 August 2010

Writing research in peer-reviewed journals
PCHRD Website, 18 August 2010

Generoso F. Basa, M.D.
PCHRD Website, 18 August 2010

Fine tuning of PNHRs strategies took centerstage at the 4th PNHRs Week
PCHRD Website, 16 August 2010

Online

Public-private partnerships for herbal industry pushed
PCHRD Website, 14 December 2010

MIMAROPA signs MOA establishing regional health research and development consortium
PCHRD Website, 26 November 2010

PCHRD Scholars Society holds Strategic Planning Workshop
PCHRD Website, 09 November 2010

Web Accessibility Workshop advocates Information for "All"
PCHRD Website, 29 October 2010

PCHRD joins the battle against cervical cancer
PCHRD Website, 13 October 2010

Angara Bats for Health Care Innovation in RP
PCHRD Website, 05 August 2010

PCHRD welcomes its 7th Batch of ASTHRDP Scholars
PCHRD Website, 30 July 2010

4th PNHRS Week Celebration to highlight resource sharing for mileage in health research
PCHRD Website, 26 July 2010

DOST and Novartis Hold 3rd BioCamp
PCHRD Website, 23 July 2010

DOST now offers MD-PhD scholarship program on Molecular Medicine, signs MOU with UP Manila
PCHRD Website, 17 June 2010

PCHRD supports Novartis BioCamp 2010, giving opportunities in Biotechnology
PCHRD Website, 16 June 2010

Western Pacific Region Index Medicus database platform launched
PCHRD Website, 24 May 2010

Breastfeeding program gets boost with support for research, launching of DOH guidelines
PCHRD Website, 20 May 2010

Copyright Registration and Deposit Systems important for digital preservation of IP
PCHRD Website, 18 May 2010

The Philippine HIV/AIDS Epidemic: A Call to Action
PCHRD Website, 12 May 2010

WIPO Holds Asia Pacific Regional Workshop on Copyright Documentation Systems
PCHRD Website, 12 May 2010

JICA signs technical cooperation grant to UP Manila's project on Leptospirosis
PCHRD Website, 12 May 2010

Tech-Transfer law seen to boost R&D, economy
PCHRD Website, 28 April 2010

Staying one step ahead of Influenza A(H1N1)
PCHRD Website, 28 April 2010

FERCAP Conducts International Course for ERCs on Surveying and Evaluating Ethical Review Practices
PCHRD Website, 20 April 2010

Attracting young people to a research career tackled during PCHRD's 28th Anniversary
PCHRD Website, 20 April 2010

PCHRD supports DOST Gender Mainstreaming Program, holds GAD orientation
PCHRD Website, 15 April 2010

PCHRD Scholar's Society holds Convocation
PCHRD Website, 15 April 2010

PCHRD Participates in the 2010 APEC Research and Technology Program
PCHRD Website, 31 March 2010

Role of Young Researchers Highlighted During PCHRD's 28th Anniversary
PCHRD Website, 30 March 2010

Making research count: Developing cheaper, faster dengue diagnosis
PCHRD Website, 22 March 2010

PNHRS Holds Planning Workshop
PCHRD Website, 17 March 2010

UNESCO Stats Show Demand for Higher Education
PCHRD Website, 03 March 2010

Impact Factors and H-Index on Academic Research Performance Evaluation
PCHRD Website, 26 February 2010

PCHRD to Celebrate 28th Anniversary at Pan Pacific Hotel Manila
PCHRD Website, 26 February 2010

Research Performance Key to RP's Competitiveness
PCHRD Website, 18 February 2010

PCHRD Sponsors Training on Writing Research for Refereed Publications
PCHRD Website, 17 February 2010

Hasten Efforts on Maternal and Newborn Death Prevention thru Research - Angara
PCHRD Website, 05 February 2010

Taft and U-Belt Consortium Advocates Research Ethics and IPR for HEIs
PCHRD Website, 04 February 2010

PCHRD Promotes Graduate Education and Research
PCHRD Website, 27 January 2010

PCHRD Introduces HERDIN NeoN to CIMSI Vietnam
PCHRD Website, 12 January 2010

Angara: RP Needs National Health Research Center
PCHRD Website, 08 January 2010

“produce young minds...”





who are creative, innovative and productive. ”

Philippine Council for Health Research and Development

Department of Science and Technology

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Gen. Santos Ave., Bicutan
Taguig City 1631
Philippines

www.pchrd.dost.gov.ph