

PCHRD
2003 Annual Report
Thinking System, Thinking Synergy



PHILIPPINE COUNCIL FOR HEALTH
RESEARCH AND DEVELOPMENT
Department of Science and Technology

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PCHRD 2003 Annual Report

Thinking System, Thinking Synergy

PCHRD

The Philippine Council for Health Research and Development (PCHRD) is one of the five 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.

To provide and strengthen the scientific and technological base for health care delivery in the country:

- We generate, through research, appropriate, safe, and cost-effective health technologies and innovative strategies for health service delivery;
- We enhance research capabilities and support the growth of the local health industry to ensure the continuous supply of health technologies;
- We broker technologies to ensure technology adoption, commercialization, and use;
- We support the utilization of research results in program and policy development; and
- Ultimately, we hope to promote the well-being and quality of life of Filipinos as well as enhance the competitiveness of the country's health industry.



DIRECTORY OF OFFICIALS

Governing Council

Chair

Dr. Estrella F. Alabastro
Secretary
Department of Science and Technology

Co-Chair

Dr. Manuel M. Dayrit
Secretary
Department of Health

Members

Dr. Gemiliano D. Aligui
Executive Director
Philippine Council for Health Research and Development

Ms. Elsa M. Bayani
Executive Director
National Nutrition Council

Dr. Ernesto O. Domingo
Founding Member
Asia-Pacific Associations for the Study of Liver

Dr. Eddie G. Dorotan
Local Government Unit Director
Local Enhancement and Development for Health Management Sciences for Health

Dr. Exaltacion E. Lamberte
Executive Director
Social Development Research Center
De La Salle University

Dr. Marita V.T. Reyes
Chancellor
University of the Philippines Manila

Mr. Katipunan de los Reyes
President
Chamber of Filipino Drug Manufacturers and Distributors

Technical Advisors

Dr. Jane Baltazar
Dr. Lilibeth David
Dr. Bonifacio Dazo
Dr. Adriano Laudico
Atty. Ferdinand Negre
Dr. Fernando Sanchez

Executive Director

Dr. Gemiliano D. Aligui
Tel. No. 837-2942
gdl@pchr.dost.gov.ph

Division Chiefs

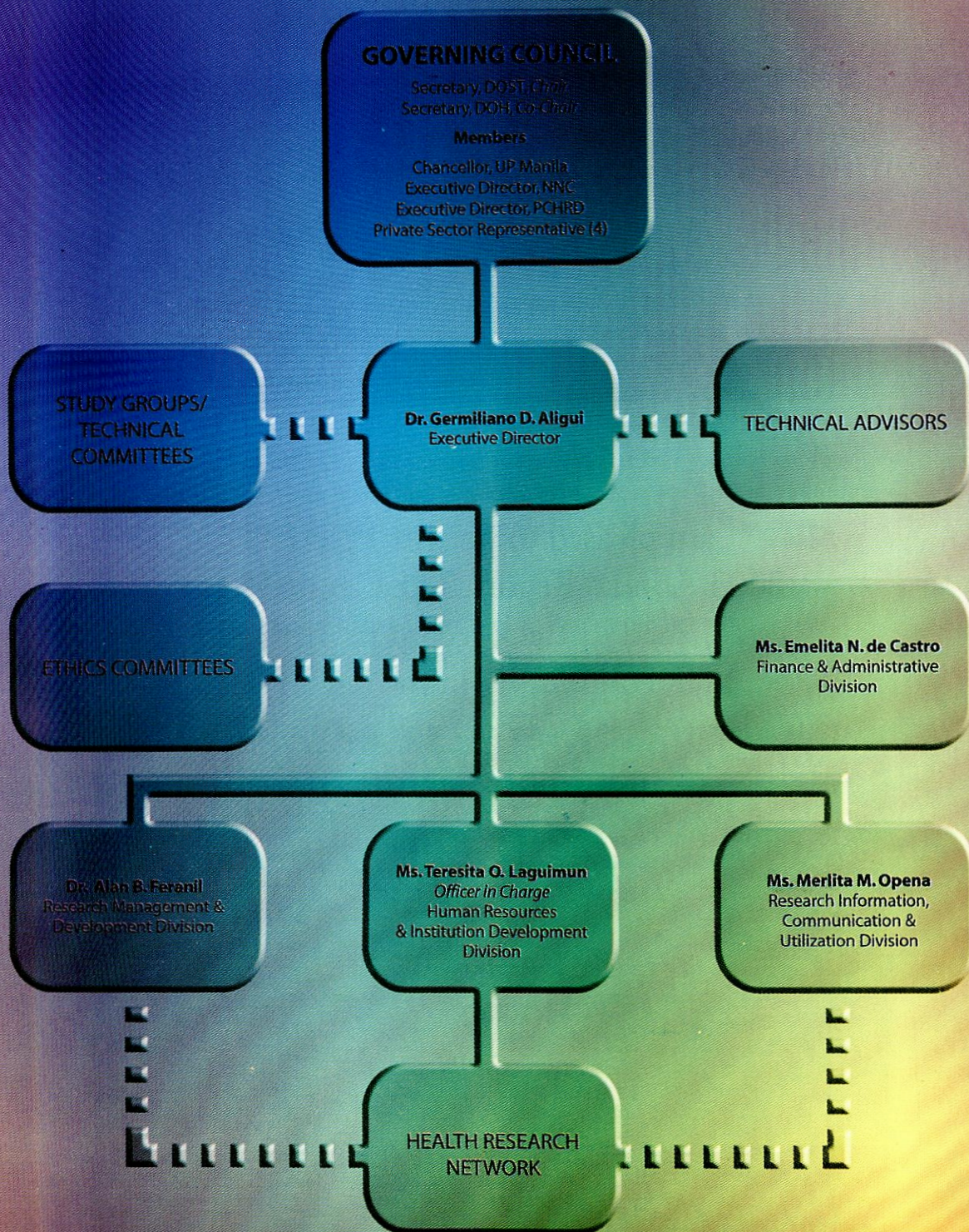
Ms. Emelita N. de Castro
Finance and Administrative Division
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Officer-In-Charge
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ORGANIZATIONAL STRUCTURE





am pleased to present PCHRD's 2003 Annual Report. The Council has established its track record in the health research community in the last 21 years. I expect that PCHRD will do no less in the years to come.

A handwritten signature in black ink, which appears to read 'Estrella F. Alabastro'. The signature is fluid and cursive.

Estrella F. Alabastro
DOST Secretary



he year 2003, PCHRD's 21st anniversary, represents a milestone in health research. The joint statement of DOST and the DOH creating the Philippine National Health Research System (PNHRS) was landmark for the two pillars of health research in the country to commit on synergy of action.

The Council, consequently, positioned itself to respond to the added challenges of leading the PNHRS for the good of all stakeholders. At the same time, PCHRD continued delivering its products and services, as expected of its mandate. Among other things, supporting researches on folic acid supplementation, developing an iodine meter for iodized salt, field testing of schistosomiasis diagnostic kit, assessing SARS; licensing technologies on medicinal plants and vitamin A fortified coconut cooking oil; developing research and research management capacities; and building and delivering information resources and services.

As we move ahead, we expect that heightened expectations will drive the way we do things in the coming years. Rest assured that our people are ready to advance our commitment to the fullest.

Gemiliano D. Aligui, MD, MPH, PhD
Executive Director



THINKING SYSTEM, THINKING SYNERGY: the Philippine National Health Research System

Anchored on the principles of the Essential National Health Research (ENHR) on inclusiveness, participation, quality, equity, efficiency, and effectiveness, the Philippine National Health Research System (PNHRS) promotes, facilitates, synergizes, and coordinates activities to come up with a coherent research agenda which connect to and converge with, the wider health, economic, political, educational, and S&T systems of the country.

As well, PNHRS promotes and enhances cooperation between and among the organizations and networks within the PNHRS to share and pool resources; to develop capacities for knowledge production, use, and management; to avoid duplication, and, thus, deliver solutions with greater impact to the pressing health problems of the country.

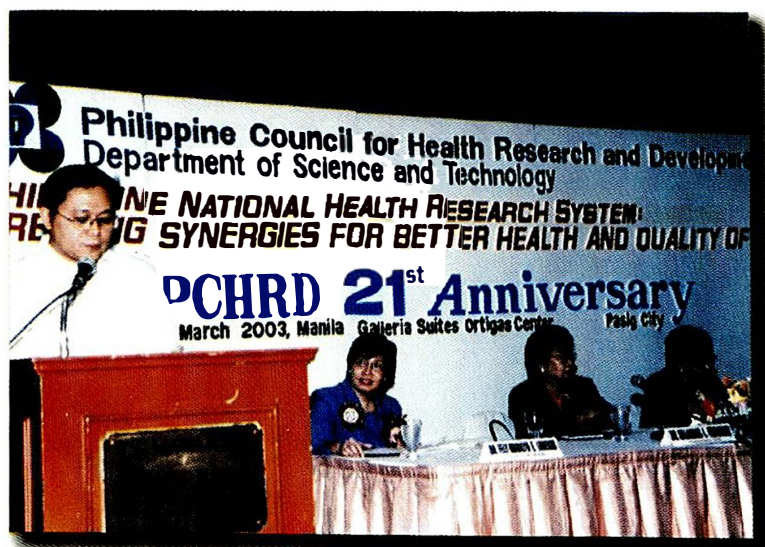
PNHRS is the country's response to a global initiative on health research systems led by the Council for Health Research and Development (COHRED) and the World Health Organization (WHO). As part of the COHRED Working Group on National Health Research System (NHRS) and Communication, PCHRD actively participates in the global discussion, one of which was a meeting last October 2003 in Bangkok, Thailand to discuss how to improve NHRS in countries in Asia and the Pacific. In addition, the Council presented in the 7th Global Forum for Health Research in December in Geneva, Switzerland, the Philippine experience in establishing a national health research system.

By coming together, all the participants in the PNHRS are expected to have a stronger voice in health research in the regional and international health and health research movements.

PNHRS launched during PCHRD's 21st Anniversary

Last 17 March 2003, during PCHRD's 21st anniversary at the Manila Galleria Suites, Pasig City, the Memorandum of Understanding (MOU) on PNHRS was signed by Secretary Manuel M. Dayrit and Secretary Estrella F. Alabastro of the Department of Health (DOH) and the Department of Science and Technology (DOST), respectively.

The MOU signing was followed by a symposium on "Philippine National Health Research System: Creating Synergies for Better Health and Quality of Life," which featured paper presentations and panel discussions about the role of the academe and the private sector in the health research system.





4th Health Research for Action National Forum: "Bridging Health Inequities through Research"

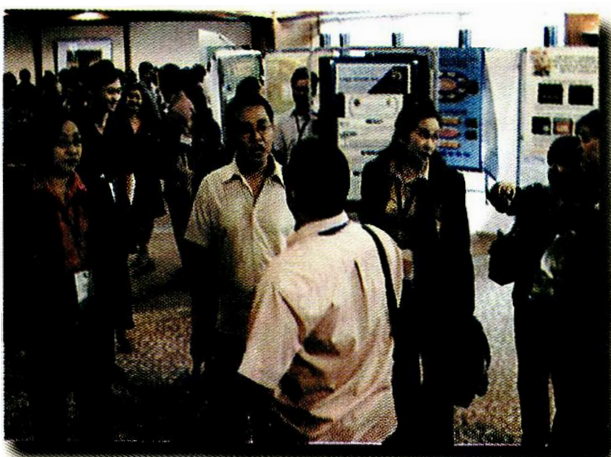
Researchers and participants exchanged ideas and experiences during the 4th Health Research Forum to disseminate research results, and in the process, contribute to more responsive policies and evidence-based decisions in the health sector. The Forum had two objectives: (1) to share information on recently completed health researches, and (2) to identify policy implications of these researches to achieve greater efficiency and equity in the provision and financing of health services in the Philippines.

Papers presented in plenary sessions included the Millennium Development Goals, National Health Accounts 2001, government and people's organizations' interface in health and development, experiences in implementing the Health Sector Reform in the Philippines, Philippine health human resource, and the Philippine National Health Research System.

Twelve researches were presented in four parallel sessions with the following themes: regulatory and hospital systems development, disease prevention and control, health economics and health care financing, and local health systems development.

The workshop gave the participants the opportunity to discuss and recommend solutions to the health issues and problems raised in the Forum.

An added feature, poster exhibit of selected health researches from the Centers for Health Development (CHD) in the regions was also held.



The Forum was attended by 394 top-rank health managers; policymakers; program implementers; experts from the government sector, private sector (industry, people's organizations, professional associations, research institutions), academe, and donor community.

Forum proceedings are available at <http://www.healthresearch.ph/>.

**4th Health Research for Action National Forum Poster Contest
August 6-7, 2003**

GRAND WINNER

Dr. Edgardo Gonzaga and Dorothy Navarra
Western Visayas Sanitarium
Center for Health Development - Western Visayas

Relationships Between Treatment Partners' Characteristics with
Treatment Outcomes of New Sputum (+) TB Cases under
Directly Observed Treatment Short-Course (DOTS) Strategy
in Selected Provinces in Western Visayas, Philippines

BEST-PACKAGED RESEARCH WINNER

Dr. Erlinda Castro-Palaganas
University of the Philippines Baguio
Center for Health Development - Cordillera Administrative Region

Evaluation of the Status of the Implementation of the
Health Sector Reform Agenda Initiatives
in Baguio City and Province of Ifugao

System Mark, Visually PNHRS

A PNHRS Logo Contest was launched during the 4th Health Research for Action National Forum in August 2003 to come up with an image that symbolizes and represents the concept and goals of PNHRS. An entry from Cebu, that of Mr. Andrew Wee, was declared a winner.

Being an umbrella of various organizations and networks, the logo provided PNHRS a neutral, simple, and easily recognizable identity while still providing an appropriate visual metaphor that allows for varied levels of meaning.

Ethics in Research

In the second quarter of 2003, the DOH and the PCHRD, in coordination with the University of the Philippines (UP) - Fogarty Bioethics Program, sponsored three training courses on ethics in research. The training provided an update on the current issues on the ethical review of research concerning human subjects, and oriented the participants on the roles, functions, and composition of an Institutional Ethics Review Committees.

The training for participants coming from Luzon was held 14-15 August 2003 at Makiling Highlands in Calamba Laguna; the one for Visayas 11-12 September 2003 at Sarabia Manor Hotel, Iloilo City; while the training for Mindanao 20-21 November 2003 at Waterfront Insular Hotel, Davao City.

The 148 participants of these three training came from the members of the ethics review committees of the DOH Central Office, Centers for Health Development, training hospitals and medical centers.

A post-training evaluation revealed that almost all of the participants increased their level of understanding on the following topics: ethical values, principles and research ethics review;



PNHRS

Philippine National
Health Research System

informed-decision making with main emphasis on procedures for subject recruitment and compensation of research participants; evaluation of risks and benefits and ethical issues; use and misuse of research methodologies; legal aspects of research; plagiarism, falsification, fabrication, and conflict of interest.

Moving On, Building a Consensus

In preparation for a PNHRS Consultative Assembly in 2004, six technical working groups (TWGs) were organized by PCHRD and DOH to provide the framework for the implementation of the six components of the PNHRS, namely: (1) research management; (2) research utilization for health gains; (3) resource generation/mobilization; (4) capability building; (5) ethics; and (6) structure/organization, and monitoring and evaluation.

These working groups will come up with their respective situationers, proposed programs, strategies and action plans to implement these programs, indicators for monitoring and evaluating the components, responsibilities/functions of the TWG members, and PNHRS stakeholders. These outputs are expected to feed into the crafting of the PNHRS Implementing Rules and Regulations.

Mainstreaming Intellectual Property Rights within the Health Research Framework

One reward technology developers get from their research contributions is a recognition of their intellectual property rights (IPR). The country's Intellectual Property (IP) Law, however, with its first-to-file principle, challenges researchers to file their IPR as early as possible.

Patent application for Yerba Buena (*Mentha cordifolia* Opiz) as analgesic is one of the PCHRD technologies that is being examined by the Intellectual Property Office (IPO) this year for novelty, non-obviousness, and utility.



As a guide to researchers, DOST Memorandum Circular (MC) 001, Series of 2002, "Providing for a Mechanism to Operationalize Intellectual Property and Technology Management in the DOST and the National Research and Development System, and Amending Pertinent Provisions of Memorandum Circulars 001 (Series of 1998) and 002 (Series of 1992), and for Other Purposes" was signed last November 2002 by the DOST Secretary Estrella F. Alabastro.

In line with this DOST Circular, the PCHRD Governing Council approved last 28 November 2003, the Council's Technology Transfer Guideline.



To increase awareness on IPR and IP management, last 25 July 2003, PCHRD sponsored a seminar on IPR for the content partners of e-Health. The event was participated in by over 50 researchers from the government, academe, and industry.

The primary objective of the seminar was to address IP concerns in developing a one-stop information resource in digital and complementary media. PCHRD brought together several resource persons on IP to promote awareness and educate participants on the existing IP System. Engr. Rolando Saquilabon of IPO presented an overview of the Philippine IP System; Atty. Ferdinand Negre of Bengzon and Negre Intellectual Property Law Office gave insights on IPR, online and offline publishing, and commercializing research results; and Prof. Edward Deveza from the University of the Philippines Technology Licensing Office (UPTLO) discussed the UP's IP Support System.

Participants of the seminar raised issues on biopiracy, protection of indigenous knowledge, patent application, licensing of inventions, online and offline disclosure, commercializing research results, and institutionalization of IP Systems.

RESEARCH ENGAGEMENT IN PEOPLE'S HEALTH

Research-based technologies in the market

Medicinal Plant Products

Four technologies coming out of the National Integrated Research Program on Medicinal Plants (NIRPROMP) earned royalties of PhP 4,659,980.57 since 1997 from Pascual Laboratories, Inc, one of the licencees. In 2003, royalty receipts amounted to PhP 1,592,909.12.

Lagundi tablet, indicated as cough remedy and for the control of asthma, is marketed as Ascof and is available in 300 mg in boxes of 100 and 600 mg in boxes of 20 and 60.

Lagundi Pediatric Syrup as cough remedy and for the control of asthma in children is marketed as Ascof Pediatric Syrup and is available in 60 and 120 ml.

Sambong tablet indicated as diuretic and for urolithiasis, is marketed as Releaf, and is available in 250 and 500 mg, in boxes of 100 and 60.

Akapulko Lotion as antifungal is marketed as Acaderm and is available in 60 and 120 ml.



Vitamin A-Fortified Coconut Cooking Oil

San Pablo Manufacturing Corporation (SPMC), makers of Minola cooking oil, renewed its license to Vitamin A-fortification technology.

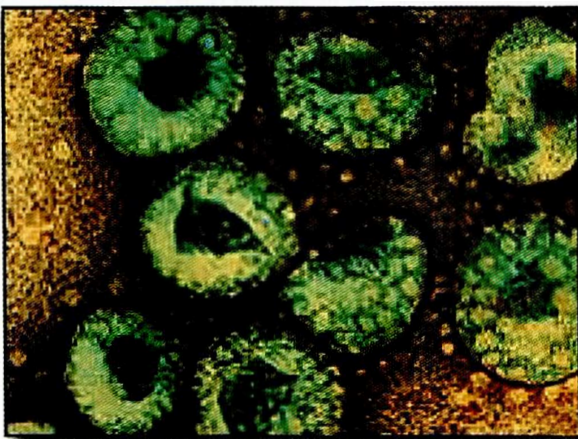
The Vitamin A-fortification technology, developed by the Food and Nutrition Research Institute (FNRI) with support from PCHRD, is now open to other coconut oil refiners in the country.

ONGOING PROJECTS

The following selected researches exemplified the commitment of the Council to contribute to the solutions of the country's pressing health concerns.

Genetic Characterization of the SARS Coronavirus

In February 2003, the worldwide outbreak of the respiratory illness called Severe Acute Respiratory Syndrome (SARS) posed an imminent worldwide threat. The disease had been associated with exposures from an infected health care worker from Guandong, China. In the Philippines, the World Health Organization (WHO) reported 14 probable SARS cases, two of which died while 12 other patients have recovered.



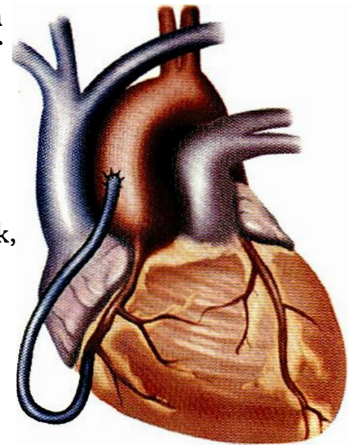
In line with this global concern, the Research Institute for Tropical Medicine (RITM) is conducting a study on "Genetic Characterization of the SARS-Causing Coronavirus from Probable SARS Patients in the Philippines." This project aims to characterize the virus by genetic sequencing of the local isolates obtained from the two mortalities. This will determine the extent of genetic variation between the local isolate and the initial isolate from Guandong, China and from other affected countries.

This study will also augment RITM's capability in molecular technology, necessary in responding to disease assessment and outbreak investigations.

Folic Acid, to aid in lowering the risk of heart attacks

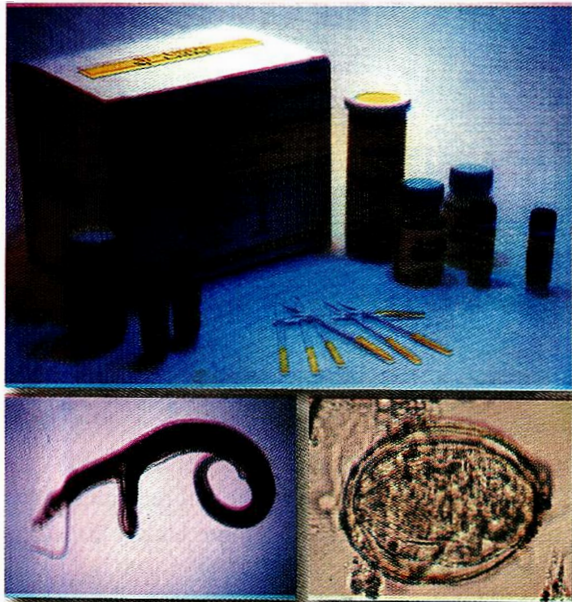
With the growing number of Filipinos dying from heart attack, PCHRD is currently monitoring a study designed to determine if folic acid supplementation is beneficial to patients with coronary artery disease. This DOST-funded study aims to find out if the addition of folic acid to regular medications will decrease the chances of heart attack, frequent chest pain, or even dying.

Folic acid supplementation reduces the complications of coronary artery disease by reducing the homocysteine levels, the amino acid that contributes to the progression of heart disease.



Working towards schistosomiasis-free rural barangays

PCHRD funded a study on the SJ-URIDIP kit, an immunodot 'dipstick' technique developed by RITM for the diagnosis of schistosomiasis. The study aims to evaluate the kit's applicability in assessing infection and treatment efficacy as well as determine its sensitivity and specificity when used in the field setting.



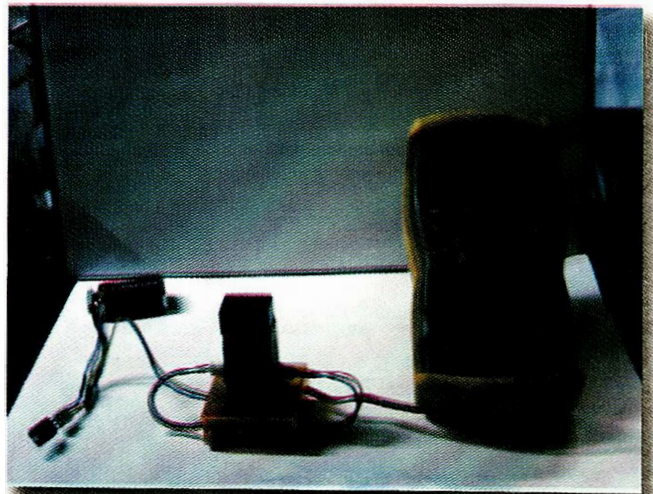
Schistosomiasis, a parasitic infection, still remains to be a major public health problem in the country, despite yearly mass treatment efforts to control infection. Diagnosis is still based on the detection of schistosome eggs in stool. Although this technique is adequate for many purposes, it is strongly limited by low compliance for stool submission and screening, as well as its low sensitivity to effectively show test positive results among infected individuals. Therefore, an alternative diagnostic tool is needed - one that can perform better than a single stool examination, can detect active infection, and can easily be used in field screening and monitoring. A test that uses urine samples instead of stool increases compliance for case finding and treatment in community-based control programs.

Iodine Meter, to measure the iodine content of salt

The project of the Research Center for the Natural Sciences of the University of Santo Tomas on "Iodine Meter for Iodized Salt" aims to develop a user-friendly detection kit for the measurement of iodine in salt.

Iodine deficiency is one of the prevalent nutritional problems in the country - in the 1998 survey, about 35% of Filipino children had iodine deficiency. This deficiency reduces the intellectual and physical capacity of children, manifested as goiter, mental retardation, and cretinism.

The Act Promoting Salt Iodization Nationwide (ASIN) was promulgated to eliminate malnutrition due to iodine deficiency in the country. The Act requires producers and manufacturers of food-grade salt to add iodine to their salt products. A device that tests iodine is what the UST researchers are presently undertaking.



BUILDING BRIDGES BETWEEN INFORMATION PROVIDERS AND USERS

Information Services: Serving more library users through HERDIN

To provide health professionals, researchers, policymakers, and students with easy access to information, PCHRD continues to develop specialty databases and web-based resources.

This year alone PCHRD, through its free online Health Research Development Information Network (HERDIN) initiative, processed 15,396 information search requests of 15,364 users.

Containing 37,790 entries of published and unpublished Philippine health researches from 113 journals (1996-2003), HERDIN online can be accessed for free at <http://www.herdin.ph/> while its CD-ROM version 2003 is scheduled to be released on February 2004, also available for free.



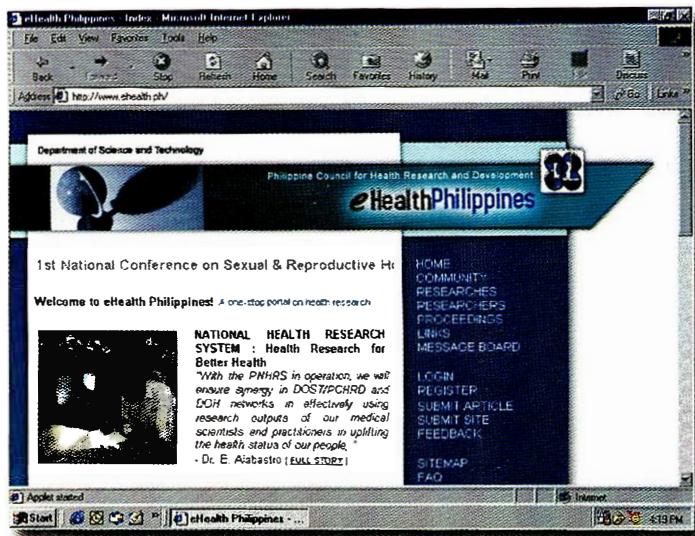
e-Health Digital Library: Easy access to health journals

For easy access of journal information by health researchers, PCHRD assisted the online publishing of the third volume of the National Union List of Medical and Health Periodicals (1996-2002). Each MAHLAP library is now able to encode and update its own entries in the Union List database using the PhpMyLibrary open source software. Evaluation, testing, and training on this system were conducted last October 2003. The database is expected to be available at the MAHLAP website (<http://www.pchr.dost.gov.ph/mahlap/>) starting February 2004.



Restructuring the e-Health portal

Now, e-Health bears a different face. Dr. Ayedee Domingo (Synapse Health Solutions) assisted PCHRD in reformulating and redesigning the Internet strategy of e-Health (<http://www.ehealth.ph>).



The new e-Health portal offers online registration module, searchable researcher and research databases, message boards, relevant health and health research links, SMS feature, online polls/survey, among others.

Roundtable discussions with specialty information providers

PCHRD organized a series of roundtable discussions (RTDs) to help mobilize the various communities of information providers and users involved in specialized health topics. The consultation meetings were held to determine the requirements of the user community and to identify strategies to develop, maintain, sustain, and enhance the different specialty information resources.

Bioinformatics. The group worked for the creation of a non-stock, non-profit organization on bioinformatics called Network for Integrative Multidisciplinary Bioinformatics Utilization Strategies (NIMBUS) to develop bioinformatics in the Philippines. NIMBUS was formally launched last December at the Philippine Society for Biochemistry and Molecular Biology (PSBMB) Annual Convention. The group's first major activity was the holding of the Asia Pacific Bioinformatics Network (APBionet) Workshop on APBioBox and SunBioBox last December 4, 2003 at the Advanced Science and Technology Institute (ASTI) Training Room in Diliman, Quezon City. Dr. Tan Tin Wee of APBionet and National University of Singapore was the lead resource person of the workshop.

Biomedical Devices. The group linked opportunities between the research and the biomedical devices industry. Members cited the need to find its niche in the global market.

Medicinal Plants. Members agreed to contribute information based on their areas of strength: taxonomic literature of Philippine medicinal plants (Philippine National Museum); genetic live plants/parent material (UPLB); dissertations on medicinal plants (academe); and databases on drugs and chemicals (National Drug Information Center).



Environmental Health. The group connected with the work of the Inter-Agency Committee on Environmental Health (IACEH) to ensure that the environmental health portal serves the information needs of the community.

People-Managed Health (PMH). The Institute of Philippine Culture (IPC) embarked on the development of the PMH portal, which will package information according to the needs of the rural communities. The site was also linked to the Bahaginan at Ugnayan sa Kalusugan (BUKAL) discussion platform to discuss important health issues.

Reproductive Health (RH). The group agreed to address issues confronting them in regard sustainability, marketability, and credibility of the RH portal.

Tuberculosis (TB). An advisory committee and a peer review group were identified to set direction in the redevelopment of the TB information resource.

Malaria. The working group emphasized the need for cooperative partnership between local government units (LGUs) and provincial and municipal malaria control health units in redeveloping the content and format of the malaria information resource.

Surgery. The Philippine College of Surgeons (PCS) is redeveloping its website to facilitate better access to quality information on surgery. PCS considers pursuing a surgery registry project, an important thrust since research ideas are generated from basic statistics and epidemiologic data collected in the field.

Telehealth down to the rural communities

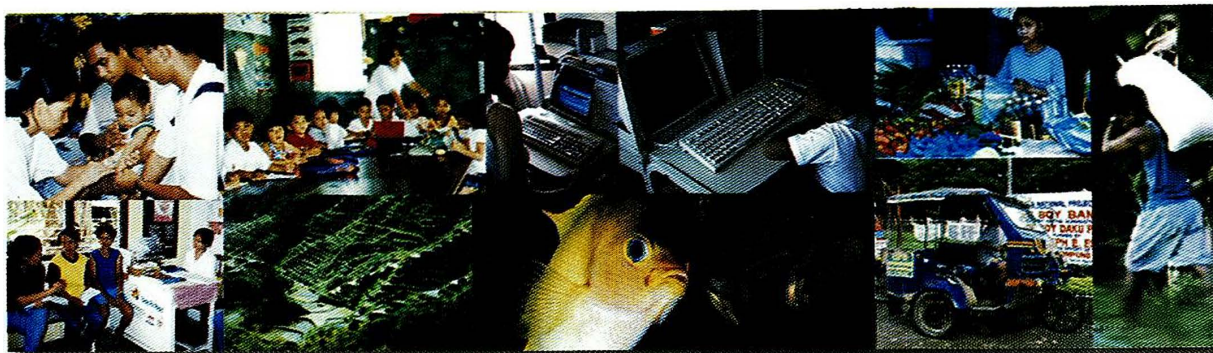
An online patient information database and distance education modules were developed to enhance access to professional services and information by rural communities. Telehealth aims to expand the scope of services provided locally as well as strengthen community-based rural healthcare services especially at the primary health care level.

Ensuring the health of the MCTs

In an effort to come up with convergent services on health in rural communities, connected to education, economic opportunities, and governance, a workshop entitled, "The Health In and Of the Multipurpose Community Telecenters: An Action Workshop" was held last 26-27 June 2003 in Cagayan de Oro (http://www.barangayconnect.ph/Events/MCT_Workshop26Jun03.htm).

The event provided a venue for the communities from all four MCT sites in Lanao del Norte and Agusan del Norte to share experiences and learnings that would help improve services to rural communities through the use of information and communications technologies.



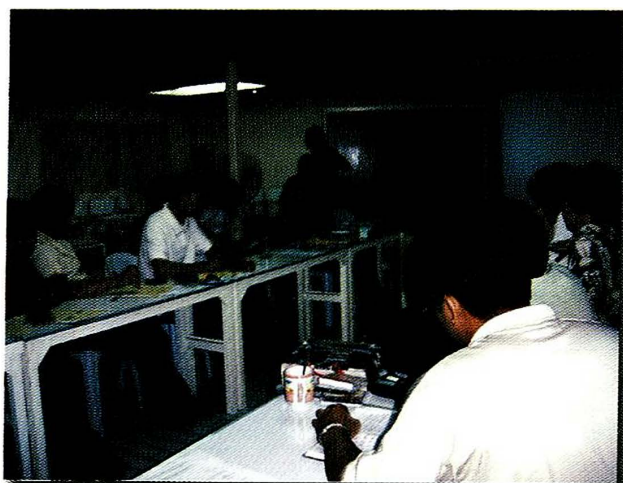


Gender evaluation, sharing stories and lessons from the MCTs

Last 25-26 September 2003, MCT conducted two workshops on Gender Evaluation Methodology (GEM) and the MCT Manual in Cebu City (http://www.barangayconnect.ph/Events/MCT_Workshop25-26Sept03.htm).

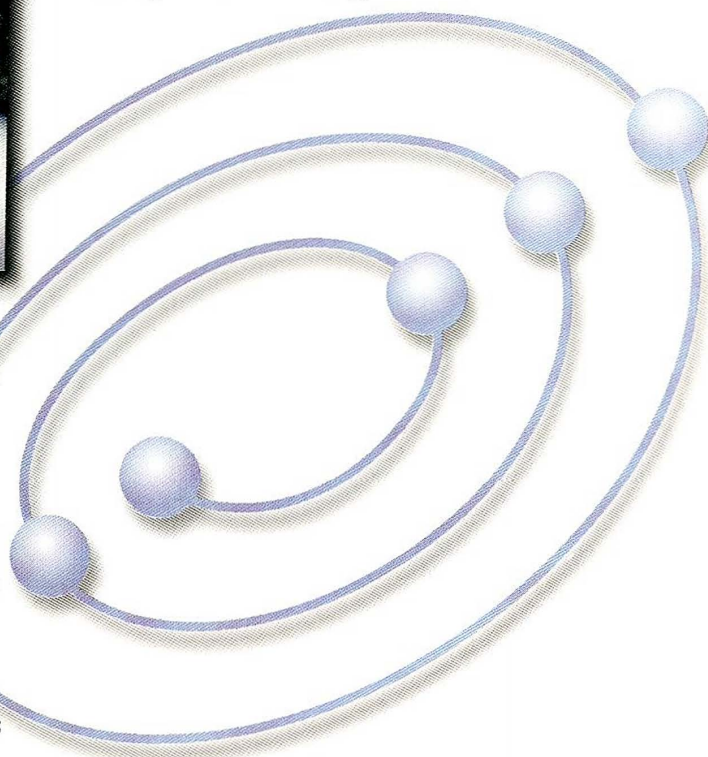
The workshop stressed the importance of knowing the stories behind numbers and observations. Storytelling proved to be useful in providing inputs in planning, decision-making, monitoring and evaluation.

PCHRD also came up with a MCT guidebook/manual of operations that aims to integrate experiences and learning from the MCT communities. The manual will guide communities and institutions that wish to establish telecenters. The eDevelopment Initiatives for Civil Society Organizations, Inc. (eDI) and partners from the DOST Regional Offices in CARAGA and Region 10 helped fine-tune the guidebook.



Developed by the Association for Progressive Communications - Women's Networking Support Programme (APC-WNSP), GEM is a tool/guide in integrating gender analysis into evaluations of initiatives that use ICT for social change.

During the workshop, results from various evaluation methodologies using data from the two MCT sites in Lanao del Norte from January to August 2003 were presented and analyzed. Information from logbooks, focus group discussions (FGDs), interviews, stories, and diaries were analyzed.



**14th Scientific Poster Exhibit Contest
July 14-18, 2003**

GRAND WINNER - PROFESSIONAL CATEGORY

Rosalinda C. Torres, Jessica Marie R. Abano, M.D., Jocelyn L. Sy, M.D.,
Ursela G. Bigol, Merle A. Villanueva, Quintillano M. Montevirgen,
Carmelita O. Manalo, and Ma. Cecelyn S. Cruz
Industrial Technology Development Institute
Department of Science and Technology

Lemongrass Oil as a Potential Anti-fungal Topical Eye Medication
against Corneal Blindness

GRAND WINNER - STUDENT CATEGORY

Alessandra J. Pham and Hidelisa P. Hernandez
Institute of Chemistry
University of the Philippines Los Baños

Ampalaya (*Momordica charantia* L) Seed Oil and Its Potential for the
Nutraceutical Industry

BEST-PACKAGED TECHNOLOGY WINNER

Alessandra J. Pham and Hidelisa P. Hernandez
Institute of Chemistry
University of the Philippines Los Baños

Ampalaya (*Momordica charantia* L) Seed Oil and Its Potential for the
Nutraceutical Industry

Exhibits / Technology Fairs

1st Post Graduate Course in Medical Informatics
(Bioinformatics)

University of Santo Tomas, Manila

March 29, 2003

Independence Day Exhibit

(Yerba Buena, Ampalaya, Lagundi, Sambong,
Akapulko)

Rizal Park, Manila

June 12-22, 2003

Annual DOST S&T Fair

(Dengue Serological Detection Kit, Urine Dipstick
for Diagnosis of Schistosomiasis, Acaderm Lotion,
Coconut Flour, e-Health)

Philippine Trade Training Center, Manila

July 14-18, 2003

14th Scientific Poster Exhibit Contest

(Selected Professional and Student Health
Researches)

University of the Philippines

Philippine General Hospital, Manila

July 14-18, 2003

4th Health Research for Action National Forum
Poster Exhibit Contest

(Selected Centers for Health Development
Researches)

Westin Philippine Plaza, Manila

August 6-7, 2003

MINDADOST Cluster S&T Fair

(Dengue Serological Detection Kit, Urine Dipstick
for Diagnosis of Schistosomiasis, Acaderm Lotion,
Coconut Flour, e-Health)

Cagayan de Oro City

October 27-30, 2003

IPO Anniversary Exhibit

(Yerba Buena, Sambong, Lagundi)

Intellectual Property Office,

Makati City

October 27 - November 14, 2003

INCLEN-SEA IX Exhibit

(Dengue Serological Detection Kit, Urine Dipstick
for Diagnosis of Schistosomiasis, Acaderm Lotion,
Coconut Flour, e-Health)

Traders Hotel, Manila

November 6-7, 2003



Press Conferences and Scientific Fora

Press Conference on PCHRD Plans and Programs
National Institutes of Health, Manila
February 27, 2003

Symposium on Philippine National Health
Research System:
Creating Synergies for Better Health and
Quality of Life
Manila Galleria Suites, Pasig City
March 17, 2003

Public Health Forum on TB
College of Public Health
University of the Philippines, Manila
June 25, 2003

Press Conference on Dengue Updates
National Institutes of Health, Manila
June 26, 2003

Health Technologies for the Health of SMEs
Philippine Trade Training Center, Manila
July 16, 2003

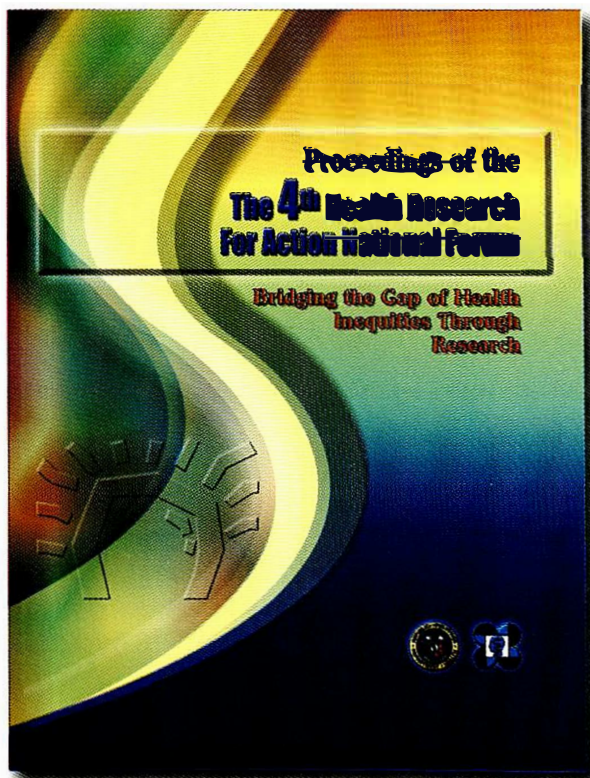
Public Health Forum on Local Tobacco
Legislations: An Effort towards Engaging
Local Government Units in Achieving a
Smoke-free Environment
College of Public Health
University of the Philippines, Manila
July 25, 2003

4th Health Research for Action National Forum
Westin Philippine Plaza, Manila
August 6-7, 2003

Public Health Forum on Diabetes
College of Public Health
University of the Philippines, Manila
August 29, 2003

Public Health Forum on Sexual Coercion and
Violence in Adolescent Intimate Relationships
College of Public Health
University of the Philippines, Manila
November 7, 2003

Public Health Forum on Men's Health
College of Public Health
University of the Philippines, Manila
December 12, 2003



Press Releases

[Radio, Television, and Print Media]

PCHRD Plans and Program

DZRB - Jan 11, 2003

DZHH - Jan 31, 2003

Organic Farming:

The natural, safe way to
produce medicinal herbs

Philippine Star - Jan 19, 2003

Ampalaya Capsule

Philippine Daily Inquirer - Jan 19, 2003

How the Microbes of Light got me the Gold

The Manila Times - Jan 26, 2003

Medical Librarians National Confab

Manila Bulletin - Jan 30, 2003

Hypertension, *DZEM - Feb 5, 2003*

PCHRD Anniversary and

PNHRS Launching

DZRB - March 5, 2003

DZRB - March 8, 2003

DZRM - March 12, 2003

DZMM - March 16, 2003

6 Local Herbs Show Strong

Medicinal Potentials

Malaya - March 23, 2003

License Agreement

Business World - March 28, 2003

Yerba Buena Tablet

Business World - April 24, 2003

DOST R&D Investment on Watershed

Management Assessed

Today - May 1, 2003

Ampalaya Capsule

People's Tonight - May 12, 2003



Herbal Medicine

Channel 4 - May 22, 2003

Dengue

DZMM - June 8, 2003

NSTW Awards

DZRB - June 14, 2003

DZEM - June 28, 2003

DZRM - July 9, 2003

NSTW Awards for Outstanding Scientists,
Partners

Today - July 22, 2003

DOST awards Outstanding Scientists,
Partners in Science

The Manila Times - July 28, 2003

National Summit on Herbal Medicine

Manila Bulletin - Aug 11, 2003

Ascof

People's Tonight - Aug 18, 2003

Making the Philippines the World's
"Tropical Herbal Medicine Capital"

Manila Bulletin - Aug 18, 2003

The New National Agenda
for Medicinal Plants Research

Manila Bulletin - Aug 27, 2003

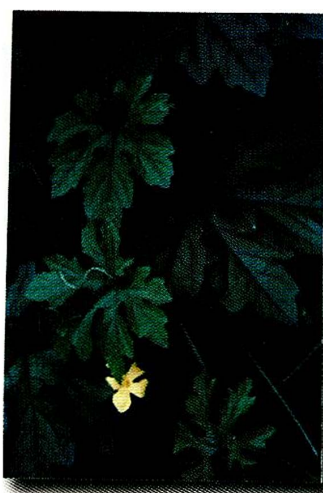
Ampalaya

Magandang Gabi Bayan - Aug 28, 2003

DOH admits Faults in

Ampalaya Clasification

The Manila Times - Sept 5, 2003



Ampalaya War triggers Creation of Scientific Body

Manila Bulletin - Sept 11, 2003

CAPACITY BUILDING: DEVELOPING AND SUSTAINING OUR RESEARCH COMPETENCY

Graduate Scholars

In 2003, a total of 45 scholars were supported. Out of this, nine (3 PhD; 6 MS) graduated, and four (3 PhD; 1 MS) were new grantees.

PCHRD also supported 14 thesis/dissertation grantees and three research fellows.

In addition, the Council conducted 20 training courses on research methodology, meta-analysis, data analysis, and ethics in research. These training were conducted in the different regions, attended by a total of more than 600 participants.

Regional Research System

PCHRD, through its Regional Health Research and Development Committees (RHRDC), continues to support capacity building programs in the regions by pooling the resources and expertise of region-based institutions, and empowering its stakeholders.

Based on regional health problems, RHRDCs determine their own R&D priorities. The latter serve as references in screening and evaluating research protocols for implementation. RHRDCs also have programs for disseminating their research results

RHRDC 1, 6, 7, 8, and 11 were provided funds for the training of beginning researchers, evaluation and review of research protocols, and actual implementation of research projects.

In 2003, 41 projects were approved and implemented under the Regional Research Fund (RRF).

RHRDC 1 and 8 conducted seminar-workshops on Regional Health R&D Agenda Setting, while RHRDC 6 and 11 hosted the training on ethical review for research institutions in the Visayas and Mindanao, respectively.

Among the activities implemented by the RHRDCs to promote interest in research and improve the quality of research outputs included research contests among students and residents, and presentation of research outputs in research fora participated in by health professionals, students, and local government representatives. Completed researches of RHRDC 8 were published in a newsletter with a regional distribution.

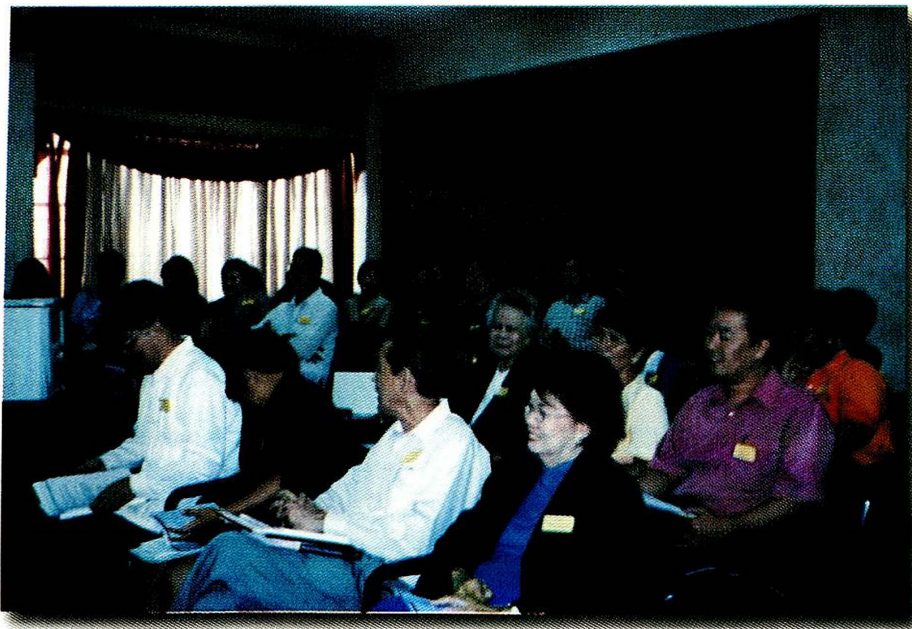


Twinning Metro Manila and region-based research institutions

PCHRD supported research collaboration of the following twins: University of Santo Tomas-Faculty of Medicine and Surgery and the Angeles University-College of Medicine; University of the East-Ramon Magsaysay Memorial Medical Center and Xavier University-Dr. Jose P. Rizal College of Medicine; Far Eastern University-Dr. Nicanor Reyes Medical Foundation and Saint Louis University-College of Medicine; Cebu Institute of Medicine and West Visayas State University-College of Medicine; and University of the Philippines Manila-College of Public Health and Ago-Bicol Christian College of Medicine.

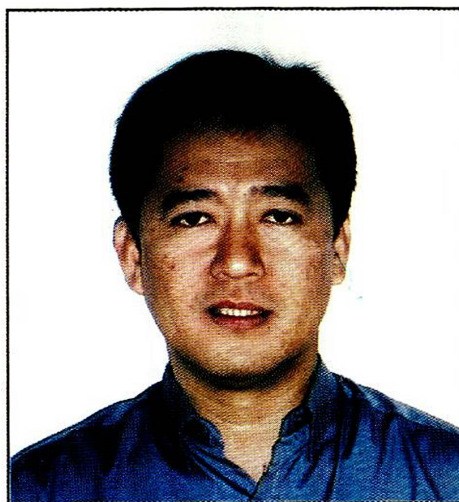
Each of the twins had established review mechanisms of the technical and ethical aspects of research proposals prior to their implementation. Nineteen (19) researchers from the five region-based institutions are now implementing researches while another 20 are developing their research protocols for implementation.

Xavier University-Dr. Jose P. Rizal College of Medicine has published the maiden issue of its research journal, a venue for disseminating its research outputs. The university co-shared with the twinning project the publication cost and has committed to sustain the journal by allocating funds for its publication from its internal budget.



PCHRD scholars, new research champions

This year, PCHRD takes a look at two of its scholars, who are playing strategic roles in the country's health research.



Dr. Jesus N. Sarol, Jr.
PCHRD Thesis Grantee, 1994

Dr. Jesus Sarol, Jr. is active as a coordinator, facilitator, lecturer, and resource person in PCHRD's capacity building programs, including training on research methods and data analysis for health researchers in Regions 1, 5, 6, 7, 8, and 11.

A BS Statistics graduate from UP Diliman, Dr. Sarol obtained his masters and doctoral degrees in epidemiology at the School of Public Health, University of California Los Angeles. He also had a post-doctoral training in biostatistics at the Free University Berlin; and a five-month stint as a research scientist at the Humboldt University in Berlin in 2001.

A recipient of the 2003 National Academy of Science and Technology (NAST) Outstanding Young Scientist Award, Dr. Sarol is a faculty member and former chair of the Department of Epidemiology and Biostatistics at the College of Public Health, UP Manila. At present, he is the president of the UP Manila Pamantasang Asambleya and chair of the Technical Review Committee of the National Institutes of Health.

Dr. Rosemarie Santana-Arciaga
PCHRD Scholar, 1993

Dr. Rosemarie Santana-Arciaga became a PCHRD scholar in 1992, with which she earned her degree in Master of Science in Clinical Epidemiology at UP Manila.

A dedicated pediatrician, infectious disease specialist, and researcher, these combined, motivated her to set-up and institutionalize the Pediatric Research Center for Mindanao (PRCM) at the Zamboanga City Medical Center in 1994.

Without any let-up in her own research, she finds time to mentor young researchers in Southern Philippines, conducting regular research workshops for and with them. She is an inspiration to her colleagues and aspiring researchers.

With over 30 research projects to her credit, she spearheaded, and was the editor of the Handbook on Clinical Guides in the Management of Common Pediatric Problems. As well, she was an associate contributor of the 2000 edition of the *Fedel Mundo* Textbook of Pediatrics and Child Health. She is also the editor-in-chief of the *Western Mindanao Health Research Journal* where most of PRCM's projects are published.

Her involvement in numerous research projects in the fields of pediatrics and infectious diseases earned for her research awards from the Philippine Pediatric Society (PPS), the Philippine Society for Microbiology and Infectious Diseases (PSMID), the 2001 Most Outstanding Alumnus of the Philippine Children's Medical Center, and the 2002 Researcher of the Year of Zamboanga City.



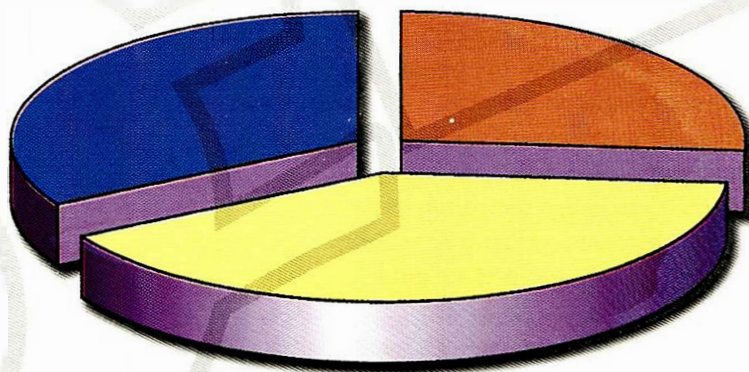
At present, Dr. Arciaga is the Director of the Pediatric Research Center for Mindanao and a pediatric-infectious disease consultant at the Zamboanga City Medical Center; a member of the faculty of the Zamboanga Medical School Foundation in consortium with Ateneo de Zamboanga University; a member of the Board of Directors of the Zamboanga Children's Hospital, Inc.; and a fellow of PPS, PSMID, and the Pediatric Infectious Disease Society of the Philippines (PIDSP).

MONEY MATTERS

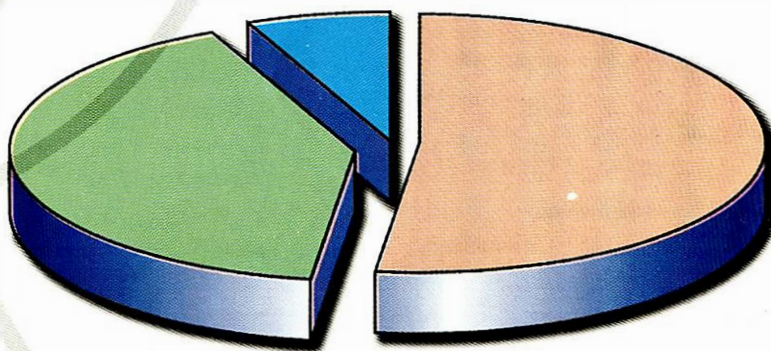
FY 2003

Particulars	Allotment	Expenditures	% of Utilization
General Appropriations from Government			
General Administration and Support	9,481,887	9,481,887	100%
Operations	14,896,168	14,417,734	97%
Grants-In-Aid:	11,615,082	11,615,082	100%
Research and Development	5,962,629	5,962,629	100%
S&T Education	4,710,521	4,710,521	100%
S&T Services	941,932	941,932	100%
Total	35,993,137	35,514,703	99%
Funds from Other Sources	15,470,012	14,596,572	94%
GRAND TOTAL	51,463,149	50,111,275	97%

General Appropriations from Government



Grants-in-Aid



PEOPLE POWER @ PCHRD

PCHRD has a staff complement of 61, 35 of which are technical and 26 are non-technical personnel. In 2003, 16 of the staff have masters degrees and 2 have doctoral degrees.



APPENDICES

SCHOLARS

Graduated

Dr. Carmen Tolabing
College of Medicine
De La Salle University
DrPH Epidemiology

Dr. Rommel Salazar
Health Sciences Campus
De La Salle University
DrPH Health Promotion and Education

Dr. Eleanor Castillo
Adventist University of the Philippines
DrPH Health Promotion and Education

Dr. Patricia Khu
College of Medicine
University of the Philippines Manila
MS Clinical Epidemiology

Dr. Mariella Castillo
College of Medicine
University of the Philippines Manila
MS Clinical Epidemiology

Dr. Edward Wang
Philippine General Hospital
University of the Philippines Manila
MS Clinical Epidemiology

Dr. Camilo Aurelio Naraval
Davao Medical School Foundation
MSPH Epidemiology

Dr. Minerva Calimag
Faculty of Medicine and Surgery
University of Santo Tomas
MS Clinical Epidemiology

Ms. Nonita Cerillo
Research Institute for Tropical Medicine
Department of Health
MS Statistics

Ongoing

Ms. Benedicta Alava
University of Santo Tomas
PhD Chemistry

Ms. Erlinda Domingo
Regional Health Office 3
DrPH Health Promotion and Education

Ms. Buenalyn Teresita Ramos
College of Public Health
University of the Philippines Manila
DrPH Health Promotion and Education

Ms. Julieta Zabal Dungca
Centro Escolar University
PhD Biology

Ms. Luisa Daroy
St. Luke's Medical Center
PhD Molecular Biology and Biotechnology

Ms. Josephine Agapito
*College of Arts and Science
University of the Philippines Manila
DrPH Health Promotion and Education*

Ms. Lourdes Alvarez
*National Museum
PhD Biological Science*

Dr. Rebecca Azcueta
*University of Northern Philippines
DrPH Epidemiology*

Ms. Marilyn Crisostomo
*College of Public Health
University of the Philippines Manila
PhD Statistics*

Ms. Ligaya Picazo
*Research Institute for Tropical Medicine
Department of Health
DrPH Medical Microbiology*

Ms. Razel Kawano
*San Lazaro Hospital
Department of Health
DrPH Medical Microbiology*

Ms. Ma Theresa Pia Yap
*Bureau of Food and Drugs
Department of Health
MS Pharmacy*

Dr. Natividad Aguilar
*Manila Central University
Filemon D. Tanchoco Medical Foundation
MS Clinical Epidemiology*

Dr. Concepcion Cruz
*College of Medicine
University of the Philippines Manila
MS Clinical Epidemiology*

Dr. Miguel Antonio Javier
*Philippine General Hospital
University of the Philippines Manila
MS Clinical Epidemiology*

Dr. Macario Reandelar
*Far Eastern University
Nicanor Reyes Medical Foundation
MSPH Biostatistics*

Ms. Lorena Wambangco
*Nutrition Center of the Philippines
MS Nutrition*

Mr. Elde Mel Paladar
*Adventist University of the Philippines
MS Biochemistry*

Ms. Danaida Marcelo
*College of Medicine
De La Salle University
MSPH Biostatistics*

Dr. Victor Ernesto Yusuico
*College of Medicine
University of the Philippines Manila
MS Clinical Epidemiology*

Dr. Vincent Balanag
*Lung Center of the Philippines
MS Clinical Epidemiology*

Dr. Alice Sun-Cua
*San Juan de Dios Hospital
MS Clinical Epidemiology*

Ms. Lerma Paris
*University of San Agustin
MSPH Parasitology*

Ms. Julie Charmain Bonifacio
*Philippine Institute of Traditional and Alternative
Health Care
MS Biology*

Dr. Fred Guillergan
College of Medicine
West Visayas State University
MS Biochemistry

Dr. Isaac David Ampil
University of the East
Ramon Magsaysay Memorial Medical Center
MS Clinical Epidemiology

Dr. Theresa Sarmiento Pinlac
College of Medicine
University of the Philippines Manila
MS Biochemistry

Dr. Ma. Jenelyn Alviar
Philippine General Hospital
University of the Philippines Manila
MS Clinical Epidemiology

Dr. Jericho Thaddeus Luna
College of Medicine
University of Philippines Manila
MS Clinical Epidemiology

Ms. Lorena Marasigan
St. Scholastica's College of Health Sciences
Tacloban City
MS Chemistry

Ms. Evelyn Suasin
Silliman University
MS Microbiology

Ms. Ma. Grace Rosales
Manila Central University
Filemon D. Tanchoco Medical Foundation
MS Microbiology

New

Dr. Paulo Pagkatipunan
Philippine General Hospital
University of the Philippines Manila
DrPH Health Promotion and Education

Ms. Amy Calumpang
University of San Carlos
PhD Pharmacy

Dr. Clarissa Yvonne Domingo
Central Luzon State University
DrPH Medical Microbiology

Ms. Melissa Mondoy
Research Institute for Tropical Medicine
Department of Health
MS Microbiology

THESIS / DISSERTATION GRANTEES

Ongoing

Nina Castillo-Carandang
Clinical Epidemiology Unit
University of the Philippines Manila
Degree: PhD Medical Anthropology - University of Amsterdam
Title of Dissertation:
"Household and Community Responses to Fever and Perceived Malaria in an Endemic Philippine Village"

Teresita Tamayo
Bulacan State University
Degree: PhD Chemistry - University of the Philippines Diliman
Title of Dissertation:
"Chiral Separation of Ofloxacin Based on MIP"

Bella Panlillo
Angeles University Foundation
Degree: PhD Chemistry - University of Santo Tomas
Title of Dissertation:
"Isolation and Structural Elucidation of the Antitubercular Constituents from *Momordica charantia* Linn."

Jose Mallari
Manila Central University
Degree: PhD Biological Sciences - University of Santo Tomas
Title of Dissertation:
"Production of Biodegradable Polybeta-hydroxybutyrate from Sugarcane Molasses and Sulphite Waste Liquors by Batch and Fed-batch Fermentation"

Elizabeth Olarte
Don Mariano Marcos Memorial State University - La Union
Degree: PhD Biological Sciences - University of the Philippines Diliman
Title of Dissertation:
"In vitro anti-tumor and in vivo anti-teratogenic Activities of the Anthraquinones from *Cassia alata* L. leaves"

Teresa Paz Pascual, MD
De La Salle University - Cavite
Degree: MS Clinical Epidemiology - University of the Philippines Manila
Title of Thesis:
"The Impact of Multi-faceted Educational Strategy on Improving Practice Behavior Among Otolaryngologists in the Treatment of Chronic Otitis Media with Effusion in Children and Chronic Suppurative Otitis Media in Adults"

Pura Alma Labis
Mindanao State University - Iligan Institute of Technology
Degree: MS Social Science - De La Salle University
Title of Thesis:
"Reproductive Experiences of Second Wives of Polygamous Marriages in Iligan City and Lanao del Norte"

Ruby Raterta
Philippine Council for Industry and Energy Research and Development
Degree: MS Biological Sciences - University of Santo Tomas
Title of Thesis:
"Composition and Fermentability Characteristics of Selected Legumes as a Source of Dietary Fiber"

Marilyn Rimando
*Research Center for Natural Sciences
 University of Santo Tomas
 Degree: MS Biological Sciences -
 University of Santo Tomas
 Title of Thesis:
 "Cytogenetics and Molecular Detection of
 Chromosomal Aberrations and
 Fusion Genes in Acute Lymphoblastic
 Leukemia (ALL) among Filipinos"*

New

Christine Hernandez
*Institute of Chemistry
 University of the Philippines Diliman
 Degree: PhD Chemistry - University of the
 Philippines Diliman
 Title of Dissertation:
 "Isolation and Structural Elucidation of
 Potential Anticancer Agents from
 Philippine Terrestrial Plants"*

Loinda Baldrias
*College of Veterinary Medicine
 University of the Philippines Los Baños
 Degree: PhD Microbiology - University of
 the Philippines Los Baños
 Title of Dissertation:
 "Detection of Antibiotic Residues and
 Molecular Characterization of Antibiotic
 Resistance in *Campylobacter jejuni* (Veron
 and Chatelain) recovered from Dressed
 Chicken"*

Rosemarie Balatbat
*Pamantasan ng Lungsod ng Maynila
 Degree: MSPH Parasitology - University of
 the Philippines Manila
 Title of Thesis:
 "Microsatellites and Restriction
 Fragments of the Polymorphic SREHP
 Gene as Potential Markers for *Entamoeba*
histolytica Asymptomatic and
 Symptomatic Infections in Patients from
 Five Government Hospitals in Manila,
 Philippines"*

Celeste Soriano
*Research and Biotechnology Division
 St. Luke's Medical Center
 Degree: MS Biology - De La Salle
 University
 Title of Thesis:
 "Comparative Analysis of Membrane
 Protein Content of α & β Thalasemic
 Red Blood Cell (RBC) Using
 Immunofluorescence Assay and
 Sodium-Dodecyl-Sulfate
 Polyacrelamide Gel Electrophoresis
 (SDS-PAGE)"*

Cecile Dumol
*Philippine Council for Health Research
 and Development
 Degree: MS Microbiology - University
 of the Philippines Diliman
 Title of Thesis:
 "Point Mutation Associated with
 Clarithromycin Resistant *Helicobacter*
pylori Isolated from Filipino Patients"*

RESEARCH FELLOWSHIP GRANTEES

Completed

Danilo Villamangca, MD

Sending Institution: Rizal Medical Center

*Host Institution/Scientist: NPCIS-UPPGH / Dr.
Irma Makalinao*

Title of Project:

*"A Randomized Double-blind Controlled Trial of
the Efficacy and Safety of Lorazepam and
Diazepam in the Treatment of Patients with
Alcohol Withdrawal at the UP-PGH Medical
Center"*

Ongoing

Sheila de Jesus

*Sending Institution: University of Santo Tomas -
College of Science*

*Host Institution/Scientist: UST-RCNS / Dr. Gloria
DC Bernas*

Title of Project:

*"An Evaluation of Filipino Hemophiliacs:
Molecular Approach"*

Imelda Dakis, MD

*Sending Institution: University of Santo
Tomas - Faculty of Medicine & Surgery*

*Host Institution/Scientist: UST-RCNS /
Dr. Gloria DC Bernas*

Title of Project:

*"Geneomic Survey of Chronic Schizophrenia and
Bipolar Affective Disorder in Filipinos"*

TRAINING CONDUCTED

Biomedical Research Methodology
Training
Xavier University, Cagayan de Oro City
February 7-9, 2003

Critical Evaluation of Research Proposal
Cebu Institute of Medicine, Cebu City
March 12-15, 2003

Biomedical Research Methodology
Training
West Visayas State University, Iloilo City
April 24-26, 2003

Writershop on the Finalization of Research
Proposals
ORT, San Fernando City, La Union
May 7-9, 2003

Training on Basic Research Methods
*Provincial Health Office, Catarman,
Northern Samar*
May 20-23, 2003

Training on Basic Research Methods
Ago-BCCM, Legaspi City
May 28-30 and June 12-13, 2003

Basic Research Methodology Training
Manila Central University, Caloocan City
June 2-6, 2003

Training on Meta-analysis
DOST-8, Gov. Center, Palo, Leyte
July 21-25, 2003

1st Regional Conference Workshop
on Research Development
*St. Louis College, Carlatan,
San Fernando, La Union*
July 24-25, 2003

1st Student Research Forum
St. Louis University, Baguio City
July 4, 2003

2nd Seminar-Workshop Series on Biomedical
Research Methodology
St. Louis University, Baguio City
July-December 2003

Lecture Series on Biomedical Research
Methodology
Jose B. Lingad Hospital, Angeles, Pampanga
July-October 2003

Training Course on Research Ethics for DOH
Ethics Review Committee and Hospital
Therapeutic Committees
Makiling Highlands, Calamba, Laguna
August 14-15, 2003

Training Course on Basic Research Methods
DMMM and MC, Batac, Ilocos Norte
August 18-22, 2003

Training Course on Research Ethics
Sarabia Manor Hotel, Iloilo City
September 11-12, 2003

Training on Data Analysis
DOH-8, Palo, Leyte
October 21-23, 2003

Training on Basic Research Methods
Racso's Woodland Resort, Gimbal, Iloilo City
October 21-23, 2003

Workshop on Data Analysis with Computer
Applications
ORT, San Fernando City, La Union
November 5-7, 2003

Training Course on Research Ethics
Waterfront Insular Hotel, Davao City
November 20-21, 2003

RHRDC-8 Health Research Forum
Ritz Tower, Tacloban City
December 11, 2003

PROJECTS FUNDED UNDER THE REGIONAL RESEARCH FUND

Completed

Nosocomial Infections in Region I

Region I

Implementer: Dr. Joel Beleno

University of Northern Philippines

Traditional Medicine Practitioners and
Their Practices in Leyte

Region VIII

Implementer: Dr. Claribel Ponferrada

Leyte State University

The Reliability of Daytime Peripheral
Blood Smear in the Diagnosis of Filaria

Region VIII

Implementer: Dr. Flora dela Peña

East Visayas Regional Medical Center

Documentation of Indigenous Practices
for Snake Bites in Northern Samar

Region VIII

Implementer: Dr. Norman Diaz

University of Eastern Philippines

Mass Treatment of Human Population
Using Praziquantel in Schistosomiasis
Endemic Barangays and Snail Infection
Rate

Region VIII

Implementer: Ms. Rosario Tamodtamod

Center for Health Development - VIII

Prevalence of Dental Fluorosis among
Residents of the Poblacion Area, Bato,
Leyte

Region VIII

Implementer: Dr. Maria Vilma Estorba

Center for Health Development - VIII

Industrial Waste Disposal Practices of
Factories in Northwest Leyte

Region VIII

Implementer: Sr. Mary Francis Anover

Holy Infant College

Safety, Efficacy and Quality Studies on
Selected Herbal Medicinal Products in
Davao City

Region XI

Implementer: Ms. Ludivina Porticos

University of the Immaculate Conception

Adoption of a Client-Centered Approach
in Family Planning/Reproductive Health
Services: A Case Study of the
Sustainability of Program
Implementation in Davao del Norte and
Compostela Valley

Region XI

Implementer: Ms. Marlina Lacuesta

Ateneo de Davao University

Randomized Clinical Trial Between
Clotrimazole Cream 1% and Acapulco
Extract for the Treatment of Otomycosis

Region XI

Implementer: Dr. Bernabe Mendoza

Davao Medical Center

Prostate-Specific Antigen (PSA)
Measurement in Asymptomatic Men with
Equivocal Digital Rectal Examination
(DRE): Its Impact in the Early Diagnosis of
Prostate Cancer
Cordillera Autonomous Region
Implementer: Dr. Andres Marrero
St. Louis University

Hemoglobin Levels of Pre-School
Children at High Altitude
Cordillera Autonomous Region
Implementer: Dr. Agnes Bautista
St. Louis University

Determination of the Iodine Deficiency
and Correlation of the Palpatory
Determination of Thyroid
Ultrasonography in a School-Aged
Population in Baguio City
Cordillera Autonomous Region
Implementer: Dr. Raymund Obrero
St. Louis University

Ongoing

Efficacy of Commercial Sponge Filters in
Improving Tap Water Potability in
Dagupan City
Region I
Implementer: Ms. Josefina Pavico
Lyceum Northwestern University

Predisposing Factors of Mental Illness
Among Psychiatric Patients at Mariano
Marcos Memorial Hospital and Medical
Center
Region I
Implementer: Ms. Marcia Abadilla
Mariano Marcos Memorial Hospital and
Medical Center

Evaluation of Selected Botanical Oils and
Extracts in the Control of Pediculosis
Humanis Among Children
Region I
Implementer: Dr. Paulina Nebrida
Department of Science and Technology - I

The State of Health Research in Region I
Region I
Implementer: Dr. Edwin Cadorna
University of Northern Philippines

Acceptability of the Clinical Practice
Guidelines on TB Among Physicians of
Angeles University Foundation
Region III
Implementer: Dr. Evelyn Yumiaco
Angeles University Foundation

Knowledge, Attitudes and Practices of
Hospital Health Care on TB Prevention
Region III
Implementer: Dr. Evelyn Yumiaco
Angeles University Foundation

Qualitative Determination of Bacterial
Isolates from Osteorized Flavored Drinks at
Selected Outlets in Angeles City
Region III
Implementer: Dr. Den Lowell Dizon
Angeles University Foundation

Lifestyle Characteristics Associated with Cardio-Vascular Diseases Among Health Workers and Industrial Workers in Bicol Region

Region V

Implementer: Dr. Martin Dennis

Bicol Christian College of Medicine

Prevalence of Clinically Significant Depressive Symptoms Using Beck Inventory Among Students of AMEC-BCCM

Region V

Implementer: Dr. Gregorio Tan

Bicol Christian College of Medicine

Exploratory Study on the Stressors and Stress Levels that Confront Widows and Widowers with Minor Children in Legaspi City

Region V

Implementer: Ms. Rudya Roallos

Bicol Christian College of Medicine

Hearing Loss Among Personnel of Iloilo Airport

Region VI

Implementer: Dr. Cynthia Ng

West Visayas State University

Prevalence of Hydatidiform Mole in the Provinces of Guimaras and Iloilo: A Comparative Hospital Experience

Region VI

Implementer: Dr. Cecilia Lopez

West Visayas State University

Obesity and Hypertension Among Adolescent Students in Iloilo City

Region VI

Implementer: Dr. Emiliana Carmona

West Visayas State University

A Randomized Controlled Clinical Trial on the Effectiveness of Pure Honey versus Mupirocin (Bactroban) in the Treatment of Non-Bullous Impetigo

Region VI

Implementer: Dr. Joselito Villaruz

West Visayas State University

Optimum Time to Remove Foley Catheter After Epidural Morphine Sulfate Without Producing Urinary Retention Among Posthysterictomized Patients

Region VI

Implementers: Dr. Sonia Gonzales / Dr. Leopoldo Gonzales

West Visayas State University

Prevalence of Factors Associated with Hypertension in Biliran Province

Region VIII

Implementer: Dr. Gabino Velasquez

Provincial Health Office, Biliran

Establishing Seasonal Pattern of Occurrence of Aedes Mosquito, Dengue Vector, Through Larvitrap Surveillance

Region VIII

Implementer: Mr. Leonido Olobia

Center for Health Development - VIII

The Status of Maternal and Child Health Programs of Eastern Samar: A Starting Point for Innovation

Region VIII

Implementer: Dr. Eva Palada

Eastern Samar State College

A Cross-Sectional Study on the Magnitude of Preventable Risk Factors in the Development of Malnutrition in the Elderly Population of Cagayan de Oro City, 2003

Region X

*Implementer: Dr. Agaton Panopio, Jr.
Xavier University*

Patients' Perception on the Quality of Nursing Care given by the Staff Nurses of Northern Mindanao Medical Center, December 2003 - May 2004

Region X

*Implementers: Dr. Gina Itchon /
Ms. Ethel Aparici
Xavier University*

Comparative Study of the Treatment Outcome Rates of Patients with Active Pulmonary Tuberculosis Treated with Directly Observed Therapy (DOTS) and Self-Administered Therapy (SAT) at the Community Health Center, Cagayan de Oro City from June 1999 to December 2001

Region X

*Implementer: Dr. Richel Zayas
Xavier University*

Perception of Clients on the Quality of Services of Public Hospitals in a Devolved Set-up in Lanao del Norte

Region XI

*Implementer: Dr. Rodney Acuña
Center for Health Development - XI*

Determination of Risk Behaviors of Vulnerable Groups to Human Immunodeficiency Virus Infection

Region XI

*Implementer: Ms. Victoria Lupase
Davao Medical School Foundation*

Health Effects of Large-Scale Gold Mining Operators in Municipality, Benguet
Cordillera Autonomous Region

*Implementer: Dr. Ana Marie Leung
St. Louis University*

Use of Beta Adrenergic Blockers (PROPRANOLOL) to Facilitate the Progress of Labor

Cordillera Autonomous Region

*Implementer: Dr. Roma Ann Dumaup
St. Louis University*

Out-Patient Management of Uncomplicated Post-Date Pregnancy Using Primrose Oil

Cordillera Autonomous Region

*Implementer: Dr. Jo-Ann Badua
St. Louis University*

Evaluation of Genetic Polymorphism as Biomarkers of Cancer Risk among Filipinos
National Capital Region

*Implementer: Dr. Carmencita Padilla
UP Institute of Human Genetics*

Liberation of Functional Toxin-encoding mRNA from Sense Chimeric RNA-antisense Partial Intermolecular Duplexes (SCRAPIDus) by Hybridization-Driven Displacement: A Novel Approach to Cancer Therapy

National Capital Region

*Implementer: Dr. Carmencita Padilla
UP Institute of Human Genetics*

PCHRD-ASSISTED PROJECTS

Completed

Documentation of the Philippine Association for Laboratory Animal Science (PALAS) 15th Scientific Conference
St. Luke's Medical Center

Documentation of the Online Conference and Symposium on "SARS sa Pilipinas: May Dapat Ba Akong Ipangamba?"
Institute of Philippine Culture

Ongoing

Pharmacologic/Toxicologic Studies of Philippine Medicinal Plants
Department of Pharmacology
University of the Philippines Manila

Mutagenicity, Clastogenicity, Antimutagenicity Potential of Drug Preparations from Philippine Medicinal Plants
College of Science, Department of Chemistry
University of the Philippines Diliman

Establishment of Quality Control Bioassay Standard Procedures for Medicinal Plant Products
Department of Pharmacology
University of the Philippines Manila

Dosage Forms from Medicinal Plant Constituents
College of Pharmacy
University of the Philippines Manila

Clinical Screening and Validation Studies of Medicinal Plants Used in Traditional Folk Medicine in the Philippines
Department of Pharmacology,
College of Medicine
University of the Philippines Manila

Development of Appropriate Cultural Management Practices to Improve Yield and Quality of Selected Medicinal Plants
Department of Horticulture,
College of Agriculture
University of the Philippines Los Baños

National Quality External Assessment of Clinical Laboratories in the Philippines
Philippine Council for Quality Assurance in Clinical Laboratories

Documentation of the Roundtable Discussion on "Human Genome: Promises and Problems"
National Academy of Science and Technology

Documentation of the World Health Organization - Special Programme for Research and Training in Tropical Diseases (WHO-TDR) Meeting on "Prospect for Schistosomiasis Vaccine Development"
Research Institute for Tropical Medicine

Documentation of the 8th National Products Society of the Philippines (NPSP) Annual Convention on "Conserving Biodiversity through Research"
Natural Products Society of the Philippines

Printing of "A Guidebook to Plant Screening: Phytochemical and Biological"
Research Center for Natural Sciences
University of Santo Tomas

New

Genetic Characterization of the SARS-Causing Coronavirus from Probable SARS Patients in the Philippines
Research Institute for Tropical Medicine

Field evaluation of the SJ-URIDIP kit, an immunodot "Dipstick" Test for the Diagnosis of *Schistosoma japonicum* Infection
Research Institute for Tropical Medicine

Iodine Meter for Iodized Salt
Natural Sciences Research Center
University of Santo Tomas

PCHRD-MONITORED PROJECTS

Ongoing

Generation of Humanized Single Gene-Encoded Antibodies with varied Effector Functions for Direct Use as Anti-Tumor Reagents and for the Production of Immunoliposomes: DESICLON (AMOR Proj. 1)
National Institute of Molecular Biology and Biotechnology
University of the Philippines Diliman

Synthesis, Physico-chemical and Biological Characterization of Immunoliposomes for Tumor Cell Surface Antigen Directed Delivery of Anticancer Drugs: IMMUNOLIPO-D (AMOR Proj.2)
College of Medicine
FEU-Nicanor Reyes Medical Foundation

Discovery and Development of Anti-cancer Drugs and other Agents for Immunoliposomes-mediated Delivery to Breast Cancer Cells: PHILMARINA and PHILFLORA (AMOR Proj.3.1)
Marine Science Institute
University of the Philippines Diliman

Discovery and Development of Anti-cancer Drugs and other Agents for Immunoliposomes-mediated Delivery to Breast Cancer Cells: MOLTARGET and VITROTOX and VIVOTOX (AMOR Proj.3.3)
Marine Science Institute
University of the Philippines Diliman

Technology Generation and Transfer of Margarine - Fortified with Vitamin A, Iodine, Omega 3 and 6 Fatty Acids
Food and Nutrition Research Institute

Folate Intervention in Non-St Elevation Myocardial Infarction and Unstable Angina: A Randomized Controlled Trial (FINEST)
University of the Philippines-Philippine General Hospital

National Anemia Survey: Philippines
Food and Nutrition Research Institute

New

Production of Dengue Viral Antigen for the Laboratory Surveillance of Dengue Infection
Research and Biotechnology Division
St. Luke's Medical Center

Establishment of School/Community-Based Supplementary Feeding Program: Metro Manila
Food and Nutrition Research Institute



PHILIPPINE COUNCIL FOR HEALTH
RESEARCH AND DEVELOPMENT
Department of Science and Technology

