



The Regional Health Research and Development Consortium XI, with the consortium's four sub-committees namely Ethics Review Committee (ERC), Human Resource and Development (HRD) Committee, Research and Development (R&D) Committee and the Research Information and Utilization Committee (RIUC), conducted series of activities that would portray its mission and vision in improving the health condition of the people in Region XI and Mindanao.

Listed are the major activities conducted and implemented by the consortium in CY 2014.

Seminar/Workshop/Forum Conducted

Regional eHealth Forum (March 28, 2014)

As a follow-up of the successful eHealth summit last February 4, 2014, the Department of Health (DOH) and the Department of Science and Technology (DOST), thru the Philippine Council for Health Research and Development (PCHRD) hosted the 1st Regional eHealth Forum last March 28, 2014 at the Marco Polo Hotel, Davao City with the theme: eHealth Innovations for Universal Health Care. This activity was co-hosted by the Regional Health Research and Development Consortium XI (RHRDC XI) and was participated by more than 150 participants regionwide.



Photodocumentation during the 1st Regional eHealth Forum

One of the highlights of the event was the opening of the eHealth Marketplace (exhibit). The eHealth Marketplace is a showcase of different eHealth innovations in Region XI and in Manila which are potentially useful and/or currently used to improve health services and



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access to health information and services for the better quality of health among Filipinos.

Listed below are the participants in the exhibit:

| Region XI Exhibitors | Manila Exhibitors |
|---|--|
| 1. University of the Immaculate Conception (Academe) | 1. Department of Health- Information Management Service (Government) |
| 2. University of Mindanao (Academe) | 2. National Telehealth Center-UP Manila (Government) |
| 3. Ateneo de Davao University (Academe) | 3. Ateneo de Manila University (Academe) |
| 4. Easy Clinic Software (Industry) | 4. Department of Science and Technology- Information and Communications Technology Office (Government) |
| 5. Netmarketing Philippines (Industry) | 5. Advanced Science and Technology Institute (Government) |
| 6. Segworks Technologies Corporation (Industry) | |
| 7. Department of Science and Technology XI (Government) | |
| 8. ICT Davao (ICT Group) | |
| 9. RHRDC XI | |



Photodocumentation of the eHealth Marketplace



The Regional eHealth Forum also highlighted three plenary sessions on: (1) eHealth Philippines, 2016 Deliverables and Beyond, (2) Various eHealth Initiatives in the Davao Region and (3) Philippine Health Information Exchange Project (PHIE) and Data Privacy.

Plenary 1-eHealth Philippines, 2016 Deliverables and Beyond

Dr. Crispinita Valdez (eHealth Philippines 2016 and Beyond)

Basis of the Philippine ehealth framework- supports Kalusugang Pangkalahatan

Plenary 2-eHealth Initiatives in Davao Region

Dr. Richard T. Mata on Digitized Prescriptions

Mr. Nestor Dignadice on SMS Based Health Data Collection and Reporting System Software

Dr. Kristine Mae Magtubo on RxBox Project

Engr. Wilfredo Nadela on Segworks Hospital Information System

Plenary 3-PHIE and Data Privacy

Ms. Merlita M. Opeña on Philippine Health Information Exchange

Dr. Michael Itnati on Global Perspectives on Data Privacy and Security

One of the major outputs of the Regional eHealth Forum is the identification of issues and gaps in fulfilling the eHealth plan. After the series of lectures conducted, participants were divided into four groups, namely (1) LGUs, GOs and Community Groups, (2) Health Professionals, (3) Academe and (4) Industry Group. Each group presented their identified drawbacks in fulfilling the eHealth plan and their corresponding solutions for such drawbacks. The forum was synthesized by none other than Atty. Samuel R. Matunog, President of ICT Davao Inc.



Breakout workshop sessions during the Regional eHealth Forum



Breakout Session Facilitators

Dr. Reynaldo O. Cuizon- Academe Group

Dr. Ana P. Lanuza-Health Professionals

Ms. Lizabel Holganza- Industry Group

Dr. Lynn Redoble- NGOs, LGUs, Govt. Offices and Community Groups

The forum was conducted to become a venue for presenting the Philippine eHealth Plan and Deliverables in the region as well as to gather stakeholders' inputs in achieving the vision of a widespread access to health care services and health care information in support of a safer, better, more equitable and responsive health system.

Research Proposal Workshop in Infectious Diseases (July 10, 2014, July 31, 2014 and October 09, 2014)

As an off-shoot of the Forum on Infectious Diseases which was conducted in 2012, the Infectious Diseases Technical Working Group of RHRDC XI conducted the two-part Research Proposal Workshops on Infectious Diseases last July 10 and July 31, 2014 at the Audio Visual Room (AVR), 2nd floor, DMSF-MTRC, DMSF Drive Bajada, Davao City. A total of twelve Infectious Diseases Research proposals were presented by various clinician-researchers from various hospitals and research institutions in Region XI: 1st batch- 5 proposals; 2nd batch- 7 proposals. Proposals developed by the proponents were presented and critiqued by distinguished clinicians (Dr. Alvin S. Concha and Dr. Rojim J. Sorrosa of SPMC and DRH, and Dr. Raul Martin Coching of DDH) to facilitate the enhancement of their researches making the expected outcomes more beneficial to the Davao region. Furthermore, proposals submitted are hoped to be funded under the Regional Research Fund (RRF) Initiative of Philippine Council for Health Research and Development (PCHRD).



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Listed below are the names of Clinician-researchers who presented their proposals during the workshop:

Batch 1

| Name of Clinician/s | Institution | Project Title |
|--|--|--|
| 1. Dr. Grace Garcia and Dr. Grace Ann Pecson | Davao Doctors Hospital | The correlation of the presence of Ns1 antigen and dengue antibodies (IgM, IgA & IgGP) in the rapid detection and clinical outcome of dengue virus infection among pediatric patients in a tertiary hospital in Davao City |
| 2. Dr. Rose Marie Naval | San Pedro Hospital | Knowledge about and attitude towards HIV/AIDS among Grade School pupils and high school students in public schools in Davao City |
| 3. Dr. Edwin Olavides | Davao Medical School Foundation Hospital | Tanglad Pang-Iwas Dengue |
| 4. Dr. Alicia Layug | Southern Philippines Medical Center | Preventing new HIV infections among MSM friends of positive HIVs in the Davao Treatment Centers |
| 5. Dr. Feli Digamon | San Pedro Hospital | Teenage pregnancy and neonatal sepsis (Incidence of prematurity, neonatal sepsis and mortality among infants born to teenage women in a tertiary hospital) |

Batch 2

| Name of Clinician/s | Institution | Project Title |
|--|---|---|
| 1. Dr. Kristine Baldomero | Davao Regional Hospital | Correlation of breastfeeding and re-admission rates of neonates born to mothers aged 13-19 years old from Tagum City who delivered at Davao Regional Hospital for the year 2012 |
| 2. Dr. Cherie Flor Asuncion | San Pedro Hospital | Prospective Survey Assessing the Usage of Antibiotics in Hospital Born-neonates in selected private tertiary hospital |
| 3. Dr. Elsie Idulsa | Davao Regional Hospital | Fetal Outcome of Teenage Mothers in Davao Regional Hospital |
| 4. Dr. Shalom Victoriano | Brokenshire Integrated Health Ministries Incorporated | Prevalence of Maternal Group B Streptococcus colonization and its association to neonatal sepsis among women with pre-term labor |
| 5. Dr. Marie Michele Jampayas | San Pedro Hospital | Clinical Predictors of Morbidity among patients diagnosed with dengue fever admitted at a tertiary hospital in the Philippines |
| 6. Dr. Anita Valles and Ms. Ordisi Valles Laurente, RN | Davao Oriental Provincial Hospital | A Study on the incidence rate of neonatal sepsis, risk factors and prognosis of patients admitted at Davao Oriental Provincial Hospital from June 2014 to November 2014 |
| 7. Dr. Lina Flor Bernadas | San Pedro Hospital | Competency of Health Care workers in Tertiary Hospitals in Post Exposure Prophylaxis in HIV infection: Basis for Training Program |

Comments and recommendations made by the set of panelists were summarized and were given to the clinician-researchers. They were given ample time to revise and enhance their proposal. Out of the 12 proponents, three of them presented their revised proposal last October 09, 2014 at the DMSF-MTRC Waling Waling Hall, DMSF Drive, Bajada, Davao City. These are Dr. Shalom Victoriano (BIHMI), Dr. Marie Michele Jampayas (SPH) and Dr. Grace Garcia (DDH).

Apart from the set of panelists, members of the R&D Committee, Ethics Review Committee and RHRDC XI member-institutions were also invited as reactors during the event.



Photodocumentation during the Research Proposal Workshop in Infectious Diseases

With the success of the event, the Infectious Diseases TWG and the panelists expressed that this could be a model on research activities. The workshop enables the researcher and even the panelist and reactors to explore the different sides of the researches presented.

Presentation of Completed PCHRD-funded Researches (July 14, 2014)

Last July 14, 2014, the consortium conducted its first "Presentation of Completed PCHRD-funded researches last July 14, 2014 at the DOST XI Conference Room, cor. Friendship and Dumanlas Roads, Bajada, Davao City.

This activity was initiated by the consortium as part of its mechanism in improving the presentation of the projects' output prior to its dissemination in a public forum. Three projects were completed in 2014; two of the projects were funded thru the Regional Research Fund of RHRDC XI while the other project was funded thru the Health Systems Research Management Program of the DOH and DOST-PCHRD. Listed below are the projects presented:

Project Presentation 1 Prof. Jasmen S. Pasia (San Pedro College)
"In vitro study of the Potential Anti-microbial properties of Moti-Moti"

Project Presentation 2 Dr. Hanna Jinky Calubiran-Abragan (Southern Philippines Medical Center)

"The Safety and Efficacy of 595-nm pulsed dye laser with tazarotene 0.05% gel vs tazarotene 0.05% gel alone in the treatment of nail psoriasis among Filipino patients in Southern Philippines Medical Center: A randomized, single blind, inpatient, left-to-right study"

Project Presentation 3 Dr. Anthony C. Sales, CESO III (HELP Davao Network)
"Assessment of the extent of implementation of standards and procedures for water safety in the Philippines"



The presenters and the invited stakeholders during the activity

Relevant stakeholders such as the institution's Ethics Review Committee head, President, faculties and/or fellow physicians were invited to validate the methods and results of the researches presented. The project presentation was also attended by the members of the RHRDC XI Research and Development Committee.



4th Health R&D Expo (July 28-29, 2014)

2014 marks the 4th for RHRDC XI to gather researchers and institutions to share and showcase the researches they have conducted--that is the Annual Health R&D Expo. The aforementioned activity was a way of educating the public and increasing their awareness on the health researches conducted in Davao City. Furthermore, it was also a source of viable knowledge for researchers and research enthusiast alike.

The R&D Expo highlighted two research competitions: Oral Health Research Competition and Poster Exhibit Competition. A total of twenty eight participating entries (10 entries- Posters Undergraduate, 9 entries-Oral Undergraduate, 5 entries-Posters Graduate & Creative Research, 4 entries-Oral Graduate and Creative Research) vied for the various research competition categories.



Judges and participants during the Oral Research Presentation and Poster Exhibit Competition

Apart from the abovementioned competition categories, the R&D Expo also showcased the winning research entries during the CY 2013 Philippine National Health Research System (PNHRS) Week Celebration in the first day. Dr. Genevieve D. Tupas (DMSFI Faculty, 1st place Poster Exhibit Competition Professional Category) presented their study entitled “Antiglycation effects of Asparagus officinalis as an adjunct treatment for metformin-treated individuals with non-insulin dependent Diabetes mellitus” while Ms. Mary Jane G. Barluado (UIC Faculty, 2nd place Poster Exhibit Competition Student Category) presented the “Development of microbial culture media using banana (*Musa sapientum*) as nutrient source.” In addition to the various presentations, Dr. Reynaldo O. Cuizon (Director for Qualitative Studies, UM) presented the social research entitled “TIABAW: Travails in Anguish, Burdens and Woes while Ms. Mirasol G. Domingo (ARD-TSSD, DOST XI) presented the Post-graduate Scholarship offerings of DOST respectively.



L to R: D Presentation of Dr. Genevieve D. Tupas and Ms. Mary Jane G. Barluado (7th PNHRS Poster Exhibit Contest winners), Presentation of Dr. Reynaldo O. Cuizon on the Travails, Anguish and Woes of Sendong Survivors, and Ms. Mirasol G. Domingo on the DOST Post-graduate Scholarship Offerings

Distinguished experts were also invited to provide short lectures on relevant health research topics-- Dr. Ophelia M. Mendoza, PCHRD and WHO Consultant, conducted a lecture on Demystifying Sample Size Determination for Research Studies. This was also followed by another lecture in the afternoon by Dr. Richard T. Mata, Medical Doctor of Panabo Polyclinic Medical Center on Digitized Prescriptions.



Day 2 Lectures from Dr. Ophelia M. Mendoza (PCHRD and WHO Consultant) and Dr. Richard T. Mata (EasyClinic Software developer)

Winners of the Health R&D Expo shall be endorsed by the consortium to PCHRD for the upcoming 2015 Philippine National Health Research System Week Celebration. Furthermore, RHRDC XI plans to showcase the winning researches of the Health R&D Expo in a compendium. The RIUC is currently on the process of editing the abstracts of the studies that will be included in the compendium.



Winners of Day 1 and Day 2 of the Health R&D Expo

List of winning researches during the 4th Health R&D Expo:

| Oral Health Research Competition (Best Presenter)- Undergraduate Category | PROJECT TITLE |
|---|---|
| 1 st place (UP Mindanao) | The Potential of Lactic Acid Bacteria Isolated from <i>Nypa fruticans</i> as biopreservative for raw pork |
| 2 nd place (SPC) | The antibacterial activity of the ointment formulation from Sambong (<i>Blumea balsamifera</i>), Tuba-tuba (<i>Jatropha curcas</i>), Buyo (<i>Piper betle</i>), Bugang (<i>Saccharum spontaneum</i>) and Panyawan (<i>Tinospora rumphii</i>) located in Tamugan, Davao River against Methicillin-Resistant <i>Staphylococcus aureus</i> |
| 3 rd place (UIC) | The Effect of Tabing (<i>Abutilon indicum</i>) Hydroethanolic extracts on levels of reproductive hormones of female albino rats |



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| Oral Health Research Competition (Best Paper)- Undergraduate Category | PROJECT TITLE |
|--|---|
| 1 st place (UIC) | The Effect of Tabing (<i>Abutilon indicum</i>) Hydroethanolic extracts on levels of reproductive hormones of female albino rats |
| 2 nd place (UIC) | Urine Output Increasing Activity of Formulated Syrup from the Ethanolic leaf extracts of <i>Physic nut</i> |
| 3 rd place (UP Mindanao) | The Potential of Lactic Acid Bacteria Isolated from <i>Nypa fruticans</i> as biopreservative for raw pork |

| Poster Exhibit Competition- Undergraduate Category | PROJECT TITLE |
|---|--|
| 1 st place (UIC) | SGPT Level in Paracetamol-induced rabbits treated with formulated capsule from turmeric rhizome (<i>Curcuma longa</i>) ethanolic extract |
| 2 nd place (UIC) | Safety and efficacy of the formulated ointment of fresh and dried leaf extract of dalupang (<i>Urena lobata</i> Linn.) against methicillin-resistant <i>Staphylococcus aureus</i> |
| 3 rd place (UIC) | Quantitative Analysis of caffeine in selected commercially available drinks by High Performance Liquid Chromatography |

| Oral Health Research Competition- Graduate and Creative Research Category (Best Paper and Best Presenter) | PROJECT TITLE |
|--|--|
| 1 st place (UIC) | Viability of Pineapple (<i>Ananas comosus</i>) as Laboratory Anticoagulant and substitute for Ethylenediamene Tetracetic Acid (EDTA) |
| 2 nd place (DMSFI) | Effect of Coconut Sugar on Fasting Blood Sugar Levels of Individuals with Type 2 Diabetes Mellitus |
| 3 rd place (SPC) | The In vitro hematologic effects of <i>Moringa oleifera</i> Lam. (Malunggay) seed ethanolic extract on human blood |

| Poster Exhibit Competition- Graduate and Creative Research Category | PROJECT TITLE |
|--|---|
| 1 st place (DMSFI) | Effects Of Coconut Sugar On Fasting Blood Sugar Levels Of Diabetic Individuals |
| 2 nd place (DMSFI) | Effect of Coconut Sugar on Fasting Blood Sugar Levels of Individuals with Type 2 Diabetes Mellitus |
| 3 rd place (DMSFI) | Reproductive Toxicity of Calabash (<i>Crescentia cujete</i>) Fruit Decoction On Sprague Dawley Albino Rats (<i>Rattus norvegicus</i>) |



National Peer Review, Editing and Train the Trainers (Part 2) Workshop (August 07, 2014)

In August 07, 2014, the DOST-PCHRD, Philippine Association of Medical Journal Editors (PAMJE), RHRDC XI and DOST XI organized the National Peer Review, Editing and Train the Trainers (Part 2) Workshop at the Seda Abreeza Hotel Davao, J.P. Laurel Ave., Bajada, Davao City. The workshop is a guided review session based on topics previously covered in the 1st, 2nd, 3rd, and 4th National Medical Writing and Peer Review Workshops. This session aimed to help refine the manuscript of participants prior to submission for external review and publication. Initially, a call for manuscript submission was initiated among participants of the conducted National Medical Writing and Peer Review Workshops. A total of 15 manuscripts were received; 10 manuscripts coming from Region XI.

Out of the 15 manuscript submission, 12 were presented during the activity. The activity was comprised with paper presentations by the participants and lecture sessions from Dr. Wilfred CG Peh (Senior Consultant and Head, Dept. of Diagnostic Radiology Khoo Tecj Puat Hospital Singapore) and Dr. Jose Florencio Lapeña (Vice Chancellor for Administration and Professor of Otorhinolaryngology). This activity was initiated by the Human Resources and Development Committee (RHRDC XI-HRDC). Part of the next steps of the committee is to monitor the progress/status of the papers of the participants.



L to R: Resource persons Dr. Jose Florencio Lapeña, Jr., Dr. Wilfred CG Peh and Dr. Cecilia Maramba-Lazarte



The participants during the National Peer Review, Editing and Train the Trainers (Part 2) Workshop

Workshop for Applied Ethics in Research (November 11-12, 2014)

The Ethics Review Committee (RHRDC XI-ERC) spearheaded the Workshop for Applied Ethics in Research last November 11-12, 2014 at the DMSF-MTRC Waling Waling Hall 1, DMSF Drive, Bajada, D.C. This activity was conducted to help member-institutions comply with the ethical requirements when doing health researches by practicing basic ethical concepts. Furthermore, this was intended to capacitate institutions that are still establishing their respective ERCs and/or existing Davao Region ERCs with new members. Dr. Rosario Angeles Tan-Alora, Chair of the PHREB Subcommittee on Information, Dissemination, Training and Advocacy and Dr. Evangeline O. Santos, Member of the PHREB Subcommittee on Standards and Accreditation was invited as resource speakers for the workshop.



Resource persons and participants during the Workshop for Applied Ethics in Research

A total of 27 participants completed the Workshop for Applied Ethics in Research. In the afternoon, a special session on Animal Care and Use in Health Research was conducted. Two (2) resource persons were invited, namely: Prof. Christopher Ryan A. Maboloc of Ateneo de Davao University Philosophy Department and Dr. Bayani Vandebroek of Doc Bayani's Animal Wellness Clinic/Davao Medical School Foundation, Inc. Prof. Maboloc discussed on the theoretical foundations of Animal Rights and Animal Welfare. On the other hand, Dr. Vandebroek discussed the Guidelines in the Care and Use of Animals in Research, Basic Techniques and Procedures in Animal Handling and Restraint and an overview on the process for accreditation of Animal Houses.

Health of Lumad Summit (November 19-20, 2014)

The six Regional Health Research and Development Consortia (RHRDCs) in Mindanao led by RHRDC-XI, in cooperation with the DOST-PCHRD and the Philippine Institute of Traditional and Alternative Health Care (PITAHC), organized the first Health of Lumad Summit in Mindanao last November 19-20, 2014 at the Brokenshire Resort and Convention Center, Brokenshire Heights, Madapo Hills, Davao City.

The forum aimed to create and evolve new platforms for cooperation and partnership among the Indigenous Peoples (IPs), research communities and other stakeholders. Moreover, it



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endeavored to identify issues and concerns affecting the health of IPs, to interact, share experiences and disseminate IP health research information; and to contribute research-based solutions to health problems of IPs.



Photodocumentation of Plenary 1 and Poster Exhibit during the Health of Lumad Summit

The keynote speech was delivered by former DOH Secretary and President of Health Futures Foundation, Inc. Dr. Jaime Galvez Tan. This was then followed by series of presentations from the following resource persons:

| | |
|---|--|
| <i>Dr. Warlito C. Vicente, FPCS</i> Chairperson, RHRDC XI | State of Health Research of IPs in Mindanao |
| <i>Atty. Alejandro A. Aquino</i> Chairman, Lungga Mangmang Agong Center, Inc. | Health Research and Situation and the Lumad Experience (Short Talk and Video Presentation) |
| <i>Dr. Isidro C. Sia</i> Director General, PITAHC | Framework of Traditional Medicine Research |

This was then followed by another four parallel sessions highlighting different issues/concerns on the Health of Lumad: (1) Major Issues and Concerns from IP perspectives, (2) What is Health from the IP perspective?, (3) Policy Review relating to Guidelines in Research and (4) Research Presentation. A poster exhibit was also initiated to showcase the different health researches on IPs conducted by the different regions in Mindanao.



Photodocumentation during the Parallel Sessions of the Health of Lumad Summit

The lecture series was continued in Day 2 together with the following distinguished resource persons:

| | |
|--|--|
| <i>Dr. Servando D. Halili, Jr.</i> Dean, Graduate School Ateneo de Zamboanga University | Community-based medical education (CBME) |
| <i>Ms. Mercedita Loyod</i> , Health Committee, STTICLCI (with <i>Dr. Lynn Redoble</i> , Faculty-Community Medicine, DMSFI) | <i>Height and weight survey of children in five Manobo communities in Talaingod, Davao del Norte</i> |
| <i>Prof. Myfel Joseph Paluga, Prof. Andrea Malaya Ragragio and Prof. Kenette Jean Millondaga</i> Faculty/ Researcher, UP Mindanao | <i>Experiences and challenges in doing ethnopharmacology research among IPs (TKDL research)</i> |
| <i>Dr. Erlinda M. Burton</i> Research Associate-RIMCU, Xavier University, Cagayan de Oro City | <i>Beliefs and Practices on the Maternal and Child Care of Matigsalug Manobo of San Fernando, Bukidnon</i> |

Highlights and results of the group discussions during the parallel sessions, specifically the drafted issues and challenges on IP research as well as their corresponding recommendations, were consolidated and presented by *Dr. Reynaldo O. Cuizon*. Furthermore, from the gaps and challenges presented, a Mindanao Declaration was drafted and presented to the participants.



Photodocumentation during Day 2 of the Health of Lumad Summit

In order to encompass all aspects and concerns discussed during the Health of Lumad Summit, the summit's working committee planned to develop a monograph. Furthermore, recognizing the need to further improve the aforementioned draft declaration, a possible continuing forum on the Health of Lumad Summit will soon take place.



RHRDC XI Governance/Management

Best Mentor in Health Research Award

The consortium also assisted in the dissemination of guidelines and call for nominations for Best Mentor in Health Research Award. Guidelines were distributed to schools and hospitals and were published in the RHRDC XI website.

Operational Planning

In preparation for 2015, all sub-committees of the RHRDC XI conducted their respective committee planning sessions with the dates listed below:

- December 02, 2014- Human Resource and Development Committee
- December 04, 2014- Research Information and Utilization Committee
- December 05, 2014- Ethics Review Committee
- December 09, 2014- Research and Development Committee

Output of the series of planning sessions conducted were summarized in the RHRDC XI Narrative Plan.

RHRDC XI General Assembly and Christmas Party

The RHRDC XI General Assembly is an annual event of the consortium which aims to enjoin all members to discuss and evaluate the accomplishments of the consortium through its various committees.



This year, it was conducted last December 15, 2014 at the Grand Men Seng Hotel, Davao City. Highlights of the activity include the presentation of accomplishments per committee, re-echo of the trainings attended by the members and the formal acceptance of new members.



Review of Research Proposals

The Research and Development Committee (RDC) conducted series of technical review sessions on the pre-screened capsule proposals by the consortium's Executive Management Committee (ExeCom) which were submitted in response to the consortium's Call for Proposals last 4th quarter of December 2013. There were seven (7) proposals reviewed:

| | |
|----|---|
| 1. | Detection and Genotyping of Chikungunya Virus from Monkeys in the Davao Region |
| 2. | A Prospective Randomized Comparative Study Between Two Different Dose Regimens of Oxytocin for the Prevention of Uterine Atony and Postpartum Hemorrhage After Obstetric Delivery Among Women Admitted At Southern Philippines Medical Center |
| 3. | The role of duplex ultrasonography in determining the progression of renal complications in the Filipino diabetic patients in the Southern Philippines Medical Center: A cross-sectional study |
| 4. | Knowledge, Beliefs and Behaviors: Its Causal Association to Reproductive Health Outcomes Among Adolescents in the Mining Area in Compostela Valley, Davao Region |
| 5. | The State of Health Situation of Region XI in relation to climate change |
| 6. | Information Transfer Strategies utilizing Traditional and Technology-based tools in Delivering Health Care Services in Davao City |
| 7. | Development and Validation of Methods for the analysis of Herbal Supplements and Comparison of Chemical Profiles of Selected Commercial Herbal Supplements |

The proposals on Chikungunya (Proposal 1) and Duplex Ultrasonography (Proposal 3), were disapproved by the R&D Committee. The technical reviews of the second and fifth proposal are still on-going. The proposals on Reproductive Health Outcomes (proposal 4), Information Transfer Strategies (proposal 6) and Validation Methods for the analysis of Herbal Plants (proposal 7) were all approved by the R&D Committee and were forwarded to the Ethics Review Committee for subsequent ethical review.



The Ethics Review Committee (ERC), with its continued uphold in ensuring the ethical integrity of researches, reviewed a total of five (5) proposals (2-requesting for ethical clearance; 3-submitted for possible funding):

| | |
|----|---|
| 1. | Gender-based violence and sexual and reproductive health among female youth in Davao Region, Mindanao: Vulnerabilities, Resilience and Developing the Evidence base for programming |
| 2. | Understanding Perceptions of Surgery and Barriers to accessing Surgical care in the Philippines |
| 3. | Knowledge, Beliefs and Behaviors: Its Causal Association to Reproductive Health Outcomes Among Adolescents in the Mining Area in Compostela Valley, Davao Region |
| 4. | Demographic Characteristics, Readability, Timeliness and Geographic Distance as Predictors of the Effectiveness of Communication Strategies used in grassroots delivery of health care services in Davao City (<i>formerly Information Transfer Strategies utilizing Traditional and Technology-based tools in Delivering Health Care Services in Davao City</i>) |
| 5. | Development and Validation of HPLC-DAD Methods for the Analysis of fresh and commercial <i>Blumea balsamifera</i> (Sambong), <i>Carmona retusa</i> (Tsaang gubat) and <i>Vitex negundo</i> (Lagundi) (<i>formerly Development and Validation of Methods for the analysis of Herbal Supplements and Comparison of Chemical Profiles of Selected Commercial Herbal Supplements</i>) |

Out of the five proposals reviewed by the ERC, only the proposal on Gender-based Violence among female youth (proposal 1) and Validation of HPLC-DAD Methods for Analysis (proposal 5) were issued with ethical clearance. The ethical review of the proposals on Perception of surgery and surgical care (proposal 2), Reproductive health outcomes (proposal 3) and Effectiveness of communication strategies (proposal 4) are still on-going.



Monitoring of Research Projects

Currently, the consortium is monitoring four on-going projects which were approved and funded last 2013:

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|----|---|
| 1. | The safety and efficacy of 595-nm Pulsed dye laser with Tazarotene 0.05% gel versus tazarotene 0.05% gel alone in the treatment of nail Psoriasis among Filipino patients in SPMC: A randomized, single-blind, inpatient, left-to-right study |
| 2. | In Vitro study of the Potential Anti-microbial properties of "Moti-Moti" |
| 3. | Adequacy of Philhealth Insurance case rate coverage for medicines in pediatric patients with pneumonia admitted in a government hospital |
| 4. | Spatio-temporal Occurrence and Distribution of dengue virus cases relative to the Meteorological factors and population density in Southern Mindanao |

The implementation of the research studies on the treatment of nail psoriasis and the anti-microbial properties of "Moti-Moti" were already completed. Currently, the proponents are working on their submission of financial report. Conduct of the third and fourth proposals are still on-going.

The study of Hydrology for the Environment, Life and Policy- Davao Network (HELP-Davao Network), entitled "Assessment of the extent of implementation of standards and procedures for water safety in the Philippines", which was approved for funding thru the Health Systems Research Management of the Department of Health Program in 2013 have also completed its implementation and is due for the submission of Audited Financial Report.

Awards and Recognitions

8th Philippine National Health Research System (PNHRS) Week Celebration (August 12-14, 2014)

RHRDC XI participated in the 8th Philippine National Health Research System Week Celebration last August 12-14, 2014 at the Radisson Blu Hotel, Cebu City. The study from San Pedro College entitled "In Vitro Antiprotzoal Activity of *Morinsa cirtrifolia* Crude Extract



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against *Blastocytis hominis*” has been chosen as one of the finalists for the PNHR Oral Research Paper Presentation (Student Category).

For the DOST-PCHRD-Gruppo Medica Award for Undergraduate Thesis in Herbal Medicine, Region XI, specifically San Pedro College, notched the 1st, 2nd and 3rd place.

| Award | Title of the Study | Proponents |
|-----------------------|--|---|
| 1 st place | The anti-dengue potential of the quercitin fraction of Tawa-Tawa (<i>Euphorbia hirta</i>) whole plant, Papaya (<i>Carica papaya</i>) leaves and the combined Tawa-Tawa (<i>Euphorbia hirta</i>) whole plant and papaya (<i>Carica papaya</i>) leaves tea preparation using the laboratory criteria: platelet count and hematocrit level. | Dave Eric Erosa, Lua Eugenio, Hazel Mae Lawas, Rachel Mae Nengosea, Jann Carmina Tan, Harvey Tadle |
| 2 nd place | The anti-urolithic activity of the <i>Tundan saging</i> (<i>Musa paradisiacal</i> Linn.) pseudo-stem capsule in ethylene glycol-induced albino rats (<i>Rattus norvegicos</i>): A potential preventing agent for kidney stone formation | Farrel Jay Batua, Sharmine Jane Befitel, Stephanie Louise Estipona, Benjamin Francis Fernandez, Brendell John Roa, Kariza Tan |
| 3 rd place | The anxiolytic activity of kaempferol fraction from Busikad (<i>Kylinga brevifolia</i>) leaves in capsule formulation | Judith Abad, Mahannah Bale, Katreeena Marie Brillante, Diana Jane Cadiatan, Charlene Ganason, Ricca Bianca Guardados |

Apart from these academic recognitions, Region XI together with the other Mindanao consortia, was once again awarded the Best Cluster Presentation during the Fellowship Night as they performed a song and dance number featuring various Mindanao cultural dances, songs and Mindanaoan’s way of life.



Left to Right: RHRDC XI delegates during the fellowship night and Winners of the DOST-PCHRD Gruppo Medica Award from SPC.



Lastly, RHRDC XI was once again recognized as the Most up-to-date and Quality RHRDC Website for the year 2014. The consortium utilizes the website as a mechanism for disseminating/posting upcoming activities, trainings/seminars conducted by the consortium and other downloadable information.

Expansion of RHRDC XI Membership

This 2014, three (3) institutions were added as new institutional members of RHRDC XI namely: Mindanao Medical Foundation College, Metro Davao Medical Research Center and Compostela Valley State College. The aforementioned institutions signified their intent to join the consortium on the same year they were approved by the Executive Management Committee. Currently, the consortium has a total of 30 institutional members.

Other Activities

PhiSHIFT Collaboration (February 24, 2014 and April 28, 2014)

The Executive Management Committee together with Ms. Gayline Manalang of the PhiSHIFT Research Group convened to discuss on possible collaborations regarding their study on the Filipino Chronotype. Seizing this as an opportunity in the attainment of its mission, RHRDC XI gladly welcomes the possible collaboration between the health and ICT sectors. Currently, the consortium is still waiting for the proposal that will be drafted and presented by Ms. Gayline Manalang for the offline survey that will be conducted in Davao. From there, succeeding steps will take off.



PhiSHIFT Meeting together with the RHRDC XI Execom and members from ICT Davao and possible collaborators.



Orientation on Management of Project Finances (February 27, 2014)

To ensure successful implementation and monitoring of newly funded research projects, the RHRDC XI conducted an orientation on the management of Project Finances at the DOST XI-TSSD Office, cor. Friendship and Dumanlas Roads, Bajada, Davao City last February 27, 2014. Highlights of the orientation included the clauses in the MOA, forms to be utilized and other document requirements. The proponents were also given time to ask questions from the consortium secretariat and the DOST accountant which are mostly on the liquidation requirements. A copy of all the forms and references were given to the proponents after the presentation.

Mindanao S&T Cluster Fair (November 13-15, 2014)

SMX Convention Center, Davao City—The Department of Science and Technology XI (DOST XI) hosted the **2014 Mindanao Science and Technology Cluster Fair** last November 13-15, 2014 with the theme *“Philippines: A Science Nation Meeting Global Challenges.”*

As the regional counterpart of DOST-PCHRD, RHRDC XI supported the aforementioned activity by partaking as one of the event’s exhibitors. During the exhibit, the RHRDC XI disseminated the annual Call for Proposals wherein researchers all over the region are invited to submit a 2-3 page capsule proposal which will be initially screened by the RHRDC XI Executive Management Committee for possible funding. The consortium also utilized the event to announce and disseminate the Call for Nominations for Best Mentor in Health Research Award of PCHRD.



Mindanao S&T Cluster Fair Booth of RHRDC XI



Furthermore, four RHRDC XI member-institutions exhibited their institution's various course programs and other services offered. These schools are: The Philippine Science High School Southern Mindanao Campus (PSHS-SMC), University of Southeastern Philippines (USEP), Davao Medical School Foundation, Inc. (DMSFI) and University of the Immaculate Conception (UIC).



Booth of RHRDC XI Member-Institutions

Trainings/Workshops/Forum Attended

Philippine eHealth Summit (February 04, 2014)

The DOH and DOST conducted its First Philippine eHealth Summit last February 04, 2014 at the Philippine Sofitel Plaza, Manila. The event aimed to be a channel for interaction and exchange of information and expertise on the growing eHealth initiatives implemented in the country. RHRDC XI was represented by Dr. Warlito C. Vicente, FPCS, Chairperson of the consortium. Because of the promise of the initiatives presented during the summit, Dr. Vicente looks forward on bringing the aforementioned event in the region. This is to respond to the specific eHealth needs and research areas in Davao region.



One of the highlights of the summit was the Poster Exhibit Contest which showcased different eHealth research projects by undergraduate students and professionals. The lone representative of Region XI, Dr. Richard T. Mata, made it to the finals. His project on “Computerization of Prescriptions and Patient Records” surely made an impression on the national eHealth Summit as it bagged 2nd place under the Professional Category.



Dr. Richard T. Mata, together with Mr. Alejandro Melchor III (SMARTER Philippines Program Manager) and Dr. Jaime C. Montoya (PCHRD Executive Director), during the awarding ceremony.

Philippine Drug Discovery and Development (D3) Program and PCHRD Anniversary (March 13-14, 2014)

The DOST-PCHRD held a meeting last March 13, 2014 at the New World Makati Hotel, San Lorenzo, Makati City to present the Philippine Drug Discovery and Development (D3) Program. This is to help set focus and guide in the implementation of the aforementioned program. Dr. Warlito C. Vicente represented the consortium in this activity.

After which, Dr. Vicente attended PCHRD’s 32nd anniversary last March 14, 2014 at Makati Shangri-La Hotel, Makati City. This event was comprised of different sessions focusing on how health R&D can help in improving the country’s capacity to manage health situations in during crisis.

2013 National Demographic and Health Survey (NDHS) Regional Data Dissemination Forum (October 01, 2014)

Dr. Victoria Lupase and Ms. Leslie Pearl Cancio attended the 2013 NDHS Regional Data Dissemination Forum last October 01, 2014 at the Grand Regal Hotel, Lanang, Davao City. The NDHS is deemed to be an important data source to effectively guide initiatives of the government to further improve the health systems in the country. Moreover, this will assist



public officials in policy formulations, program planning, monitoring, evaluation, and decision making. Highlights of the presentation include the following: 1. Maternal and Child Health and Childhood Mortality, 2. Fertility and Family Planning, 3. HIV/AIDS-Related Knowledge, Attitudes and Behavior, Healthcare Utilization and Financing and 4. Women's Empowerment and Violence against Women.

Training Workshops for the Members of the Technical Review Boards (TRB) of the RHRDCs (November 12-14, 2014)

The Training Workshop for the members of the TRB was conducted last November 12-14, 2014 at Seda Hotel Abreeza, Davao City. This activity is expected to equip the participants with the necessary knowledge and skills as technical reviewers and members of the R&D Committee. This is part of the five-leg workshop conducted by the Foundation for the Advancement of Clinical Epidemiology, Inc. (FACE, Inc.) in cooperation with PCHRD. Participants of the aforementioned workshop includes R&D Committee members from Region XI, XII, ARMM. Four R&D Committee members represented RHRDC XI namely: Dr. Reynaldo Cuizon (Chair), Dr. Felix Chavez, Jr., Dr. Marleonie Bauyot and Ms. Mildred Estanda.

14th Forum for Ethical Review Committees in Asia and the Western Pacific (FERCAP) and 1st Philippine Health Research Ethics Board (PHREB) National Forum (November 23-25, 2014)

RHRDC XI-ERC officers Dr. Gilbert Arendain (Chair), Dr. Lucila Lupo (Vice-Chair) and Dr. Helen Pondevida (Secretary) attended the aforementioned forum last November 23-25, 2014 at the Taal Vista Hotel, Tagaytay City. This conference aimed to provide a forum for sectors to discuss leading concepts, current initiatives, and successful models of ethical infrastructures embedded in national health research systems. RHRDC XI member-institutions have also participated the aforementioned event namely: Davao Doctors Hospital, Metro Davao Medical and Research Center, University of the Immaculate Conception, Brokenshire College, Davao Medical School Foundation, Inc. and San Pedro College.



2014 RHRDC XI ACCOMPLISHMENT REPORT



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RHRDC XI